Lenel MSRP PRICE BOOK

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Chapter 1: Access Control Software Products

OnGuard Access™ Software Media

In an effort to be environmentally friendly and reduce our carbon footprint, Lenel will no longer ship an OG-MEDIA-KIT containing the DVD's UNLESS SPECIFIED on the VAR Software Reporting Form. This will cover all items starting with SWS-xxx; OG-32ES-xxxx; and PCS-xxx.

Lenel will no longer ship any media with its software client purchases either; products covered start with SWC-xxx and PCC-xxx

Software is available for download as an ISO image from www.lenel.com

OnGuard Software Ordering Information

For all SWS and PCS items <u>VAR-SP End User Information-Certification Form</u> is required. For all SWC and PCC items, <u>OnGuard System ID</u> required unless purchasing with new system.

OnGuard Access™ Solutions

OnGuard 32ES is an access control solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard security server provides support for up to 25,000 cardholders and up to 32 card access readers. OnGuard 32ES can be expanded to accommodate up to five additional client PCs and up to 64 card access readers.

<u>Part #</u>	<u>Description</u>	<u>Cost</u>
Software Only		
SWS-32ES	**OnGuard 32ES Server Software License** – OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 32 card access readers and first year support plan for new systems. (SOFTWARE IS SUPPORTED ON PC-CONFIG#3 PLATFORM)	**$855**
SWC-32ES	**OnGuard 32ES Client Software License –** OnGuard Client software license includes; System Administration; Alarm Monitoring; Map Designer and Login Driver. (SOFTWARE IS SUPPORTED ON PC-CONFIG#6 PLATFORM) **Browser Based Clients also available for OnGuard version 7.4 and higher**	**$265**
Turn-key Systems (Software with PC)		
PCS-32ES	**OnGuard 32ES Server System with PC –** includes PC with Microsoft Windows OS (see PC Config) and SQL 2016 Express database loaded with OnGuard Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 32 card access readers and first year support plan for new systems. (Includes PC-CONFIG#3 PLATFORM)	**$2,995**
PCC-32ES	**OnGuard 32ES Client System with PC –** includes PC with Windows Client OS (see PC Config) loaded with OnGuard Client software license which includes; System Administration; Alarm Monitoring; Map Designer and Login Driver. (INCLUDES PC-CONFIG#6 PLATFORM)	**$1,435**

OnGuard 32ES Access Control Entry Packages

OnGuard 32ES Access Control Entry Packages include all software and hardware for a two [2] door, four [4] door, eight [8] door or sixteen [16] door access control system. The entry level access control solution supports Microsoft Windows OS and uses a SQL Express database (see Compatability Charts for your OnGuard version). The standard security server provides support for up to 25,000 cardholders and up to 32 card access readers. OnGuard 32ES can be expanded to accommodate up to five additional client PCs and up to 64 card access readers.

For Turnkey OG Kits use PC-CONFIGURATION#3 and SIS-DELL. This will have Lenel's Systems Integration Group [SIG] create the PC with the OnGuard software pre-loaded.

Part #	Description	Cost
	Entry Packages - Complete Systems (Mobile Credential enabled)	
OG-32ES-2EP2	OnGuard 32ES 2 Door Server Software Entry package - includes OnGuard Server software license [1] SWS-32ES; OnGuard CredentialCenter Client software [1] SWC-IDES; [1] LNL-X2220 intelligent system controller; [1] LNL-OLS75ACTX power supply with enclosure; [2] LNL-R11330-05TB BlueDiamond Mobile mini-mullion readers; [100] LNL-EV28KPP DESFire EV2 Pre-Programmed access cards and first year support plan for new systems.	$2,820
OG-32ES-M-4EP2	OnGuard 32ES 4 Door Server Software Entry package - includes OnGuard Server software license [1] SWS-32ES; OnGuard CredentialCenter Client software [1] SWC-IDES; [1] LNL-X2220 intelligent system controller; [1] LNL-1320-S3 two door interface module; [1] LNL-OLS75ACTX power supply with enclosure; [4] LNL-R11330-05TB BlueDiamond Mobile mini-mullion readers; [100] LNL-EV28KPP DESFire EV2 Pre-Programmed access cards and first year support plan for new systems.	$3,640
OG-32ES-M-8EP2	OnGuard 32ES 8 Door Server Software Entry package - includes OnGuard Server software license [1] SWS-32ES; OnGuard CredentialCenter Client software [1] SWC-IDES; [1] LNL-X2220 intelligent system controller; [3] LNL-1320-S3 two door interface module; [1] LNL-AL600ULX-4CB6 power supply with enclosure; [8] LNL-R11330-05TB BlueDiamond Mobile mini-mullion readers; [100] LNL-EV28KPP DESFire EV2 Pre-Programmed access cards and first year support plan for new systems.	$5,610
OG-32ES-M-16EP2	OnGuard 32ES 16 Door Server Software Entry package - includes OnGuard Server software license [1] SWS-32ES; OnGuard CredentialCenter Client software [1] SWC-IDES; [1] LNL-X2220 intelligent system controller; [7] LNL-1320-S3 two door interface module; [1] LNL-AL600ULX-4CB6 power supply with enclosure; [1] LNL-CTX6 enclosure; [16] LNL-R11330-05TB BlueDiamond Mobile mini-mullion readers; [100] LNL-EV28KPP DESFire EV2 Pre-Programmed access cards and first year support plan for new systems.	$9,060
	Entry Packages with No Cards or Readers	
OG-32ES-2NCR2	OnGuard 32ES 2 Door Server Software Entry package - includes OnGuard Server software license [1] SWS-32ES; OnGuard CredentialCenter Client software [1] SWC-IDES; [1] LNL-X2220 intelligent system controller; [1] LNL-OLS75ACTX power supply with cabinet and first year support plan for new systems.	$2,350
OG-32ES-M-4NCR2	OnGuard 32ES 4 Door Server Software Entry package - includes OnGuard Server software license [1] SWS-32ES; OnGuard CredentialCenter Client software [1] SWC-IDES; [1] LNL-X2220 intelligent system controller; [1] LNL-1320-S3 two door interface module; [1] LNL-OLS75ACTX power supply with enclosure and first year support plan for new systems.	$2,890
OG-32ES-M-8NCR2	OnGuard 32ES 8 Door Server Software Entry package - includes OnGuard Server software license [1] SWS-32ES; OnGuard CredentialCenter Client software [1] SWC-IDES; [1] LNL-X2220 intelligent system controller; [3] LNL-1320-S3 two door interface module; [1] LNL-AL600ULX-4CB6 power supply with enclosure and first year support plan for new systems.	$4,260
OG-32ES-M-16NCR2	OnGuard 32ES 16 Door Server Software Entry package - includes OnGuard Server software license [1] SWS-32ES; OnGuard CredentialCenter Client software [1] SWC-IDES; [1] LNL-X2220 intelligent system controller; [7] LNL-1320-S3 two door interface module; [1] LNL-AL600ULX-4CB6 power supply with enclosure; [1] LNL-CTX-6 enclosure and first year support plan for new systems.	$6,630

OnGuard Access Solutions

OnGuard ADV is an access control solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard security server supports up to 64 card access readers and 50,000 cardholders but this number can be increased, by increasing the hard drive capacity and licensing. OnGuard ADV can be expanded to accommodate up to ten additional client PCs and up to 256 card access readers.

(Note: Additional readers licenses can be ordered, see Reader Capacity Upgrades for ADV Systems)

Part #	Description	Cost
	Software Only	
	[Use these parts + PC CONFIGURATION #5F if you plan to do redundancy with ADV level]	
SWS-ADV	**OnGuard ADV Server Software License –** OnGuard Server software license includes:System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 64 card access readers and first year support plan for new systems. (SOFTWARE IS SUPPORTED ON PC-CONFIG#3 PLATFORM)	**$3,615**
SWC-ADV	OnGuard ADV Client Software License – OnGuard Client software license includes; System Administration; Alarm Monitoring; Map Designer and Login Driver. (SOFTWARE IS SUPPORTED ON PC-CONFIG#6 PLATFORM)	**$2,900**
	Browser Based Clients also available for OnGuard version 7.4 and higher	
	Turn-key Systems (Software with PC)	
PCS-ADV	OnGuard ADV Server System with PC – includes PC with Microsoft Windows OS (see PC Config) and SQL Server 2106 x64 Database Standard Edition (Single Application License; 5 CALS) loaded with OnGuard Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 64 card access readers and first year support plan for new systems. (INCLUDES PC-CONFIG#3 PLATFORM)	**$6,545**
PCC-ADV	OnGuard ADV Client System with PC –includes PC with Microsoft Windows Client OS (see PC Config) loaded with OnGuard Client software license which includes; System Administration; Alarm Monitoring; Map Designer and Login Driver. (INCLUDES PC-CONFIG#6 PLATFORM)	**$3,935**
PCC-HPC-ADV	OnGuard ADV High Performance Client System with PC – includes PC with Microsoft Windows Client OS (see PC Config) loaded with OnGuard Client software license which includes; System Administration; Alarm Monitoring; Map Designer and Login Driver. (INCLUDES PC-CONFIG#7 PLATFORM)	**$8,290**

OnGuard Access Solutions (Cont'd)

OnGuard PRO is an access control solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard server supports up to 128 card access readers and 100,000 cardholders, however this number can be increased by increasing the hard drive capacity and licensing. OnGuard PRO can accommodate an unlimited number of additional client PCs as well as an unlimited number of card access readers. The PCS-PRO is designed to be a networked, dedicated server with no peripherals connected to the server.

(Note: Additional reader licenses can be ordered - see Reader Capacity Upgrades for PRO Systems)

Part #	Description	Cost
	Software Only	
SWS-PRO	**OnGuard PRO Server Software License –** OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers and first year support plan for new systems.	**$14,650**
SWC-ADV	OnGuard ADV Client Software License – OnGuard Client software license includes; System Administration; Alarm Monitoring; Map Designer and Login Driver.	**$2,900**
	Browser Based Clients also available for OnGuard version 7.4 and higher	
	Turn-key Systems (Software with PC)	
PCS-PRO	**OnGuard PRO Server System with PC** – includes PC with Microsoft Windows Server OS (see PC Config) Standard Edition x64, includes 16 CORE Licenses and SQL 2016 x64 Server Database Standard Edition (Single Application License; 5 CALS) loaded with OnGuard Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers and first year support plan for new systems.(INCLUDES PC-CONFIG#5 PLATFORM)	**$23,160**
PCC-ADV	OnGuard ADV Client System with PC – includes PC with Windows Client OS (see PC Config) and loaded with OnGuard Client software license which includes; System Administration; Alarm Monitoring; Map Designer and Login Driver. (INCLUDES PC-CONFIG#6 PLATFORM)	**$3,935**
PCC-HPC-ADV	OnGuard ADV High Performance Client System with PC – includes PC with Windows Client OS (see PC Config) and loaded with OnGuard Client software license which includes; System Administration; Alarm Monitoring; Map Designer and Login Driver. (INCLUDES PC-CONFIG#7 PLATFORM)	**$8,290**

OnGuard Identity Management Solutions

OnGuard IDES is an Identity Management Solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard server provides support for up to 25,000 cardholders. OnGuard IDES can be expanded to accommodate up to five additional client PCs.

(Note: See Image Capture Options for input devices and Direct Card Printers for printing options)

Part #	Description	Cost
	Software Only	
SWS-IDES	**OnGuard IDES Server Software** – OnGuard Server software license includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (SOFTWARE IS SUPPORTED ON PC-CONFIG#3 PLATFORM)	**$1,390**
SWC-IDES	OnGuard IDES Client Software License – OnGuard Client software license includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Enhanced Imaging Option (Chromakey and Ghosting) and Login Driver. (SOFTWARE IS SUPPORTED ON PC-CONFIG#6 PLATFORM)	**$520**
	Browser Based Clients also available for OnGuard version 7.4 and higher	
	Turn-key Systems (Software with PC)	
PCS-IDES	OnGuard IDES Server System with PC – includes PC with Microsoft Windows Client OS 64-bit and (see PC Config) SQL 2016 Express database loaded with OnGuard Server software license which includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (INCLUDES PC-CONFIG#3 PLATFORM)	**$4,435**
PCC-IDES	OnGuard IDES Client System with PC – includes PC with Microsoft Windows Client OS (see PC Config) and loaded with OnGuard Client software license which includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Enhanced Imaging Option (Chromakey and Ghosting) and Login Driver. (INCLUDES PC-CONFIG#6 PLATFORM)	**$1,675**

OnGuard Identity Management Solutions (Cont'd)

OnGuard IDADV is an Identity Management Solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard server provides support for up to 50,000 cardholders but this number can be increased by increasing the hard drive capacity. OnGuard IDADV can be expanded to accommodate up to ten additional client PCs.

(Note: See Image Capture Options for input devices and Direct Card Printers for printing options)

Part #	Description	Cost
	Software Only	
SWS-IDADV	**OnGuard IDADV Server Software** – OnGuard Server software license includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (SOFTWARE IS SUPPORTED ON PC-CONFIG#3 PLATFORM)	**$4,130**
SWC-IDADV	OnGuard IDADV Client Software License – OnGuard Client software license includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Enhanced Imaging Option (Chromakey and Ghosting) and Login Driver. (SOFTWARE IS SUPPORTED ON PC-CONFIG#6 PLATFORM)	**$3,615**
	Browser Based Clients also available for OnGuard version 7.4 and higher	
	Turn-key Systems (Software with PC)	
PCS-IDADV	**OnGuard IDADV Server System with PC –** includes PC with Microsoft Windows Client OS (see PC Config) and SQL 2016 x64 server database standard edition (Single Application License; 5 CALS) loaded with OnGuard Server software license which includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems.(INCLUDES PC-CONFIG#3 PLATFORM)	**$7,035**
PCC-IDADV	**OnGuard IDADV Client System with PC –** includes PC with Microsoft Windows Client OS (see PC Config) loaded with OnGuard Client software license which includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Enhanced Imaging Option (Chromakey and Ghosting) and Login Driver. (INCLUDES PC-CONFIG#6 PLATFORM)	**$4,615**

OnGuard Identity Management Solutions (Cont'd)

OnGuard IDPRO is an Identity Management Solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard server provides support for up to 100,000 cardholders but this number can be increased by increasing the hard drive capacity and licensing. OnGuard IDPRO can accommodate an unlimited number of additional client PCs. The PCS-IDPRO is designed to be a networked, dedicated server with no peripherals connected to the server.

(Note: See Image Capture Options for input devices and Direct Card Printers for printing options)

Part #	Description	Cost
Software Only		
SWS-IDPRO	**OnGuard IDPRO Server Software License** – OnGuard Server software license includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (SOFTWARE IS SUPPORTED ON PC-CONFIG#5 PLATFORM)	**$14,650**
SWC-IDADV	OnGuard IDADV Client Software License – OnGuard Client software license includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Enhanced Imaging Option (Chromakey and Ghosting) and Login Driver. (SOFTWARE IS SUPPORTED ON PC-CONFIG#6 PLATFORM)	**$3,615**
	Browser Based Clients also available for OnGuard version 7.4 and higher	
Turn-key Systems (Software with PC)		
PCS-IDPRO	OnGuard IDPRO Server System with PC – includes PC with Microsoft Windows Server OS (see PC Config); Standard Edition; x64 includes 16 CORE Licenses and SQL 2016 x64 Server Database Standard Edition (Single Application License; 5 CALS) loaded with OnGuard Server software license which includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems.(INCLUDES PC-CONFIG#5 PLATFORM)	**$23,160**
PCC-IDADV	OnGuard IDADV Client System with PC – includes PC with Microsoft Windows Client OS (see PC Config) loaded with OnGuard Client software license which includes; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Enhanced Imaging Option (Chromakey and Ghosting) and Login Driver. (INCLUDES PC-CONFIG#6 PLATFORM)	**$4,615**

Integrated OnGuard Access Control & Identity Management Solutions

OnGuard 32ESI is an integrated OnGuard Access Control and Identity Management solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard server provides support for up to 25,000 cardholders and up to 32 card access readers. OnGuard 32ESI can be expanded to accommodate up to five additional client PCs and up to 64 card access readers.

Notes: (Field Hardware can only be attached to the PCS-32ESI PC in the 32ESI system)
(See Image Capture Options for input devices and Direct Card Printers for printing options)

Part #	Description	Cost
	Software Only	
SWS-32ESI	**OnGuard 32ESI Server Software License** – OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 32 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (SOFTWARE IS SUPPORTED ON PC-CONFIG#3 PLATFORM)	**$2,190**
SWC-32ESI	OnGuard 32ESI Client Software License - OnGuard Client software license includes; System Administration; Alarm Monitoring; Map Designer; Login Driver; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Cardholder Image Export and Enhanced Imaging Option (Chromakey and Ghosting. (SOFTWARE IS SUPPORTED ON PC-CONFIG#6 PLATFORM)	**$725**
	Browser Based Clients also available for OnGuard version 7.4 and higher	
	Turn-key Systems (Software with PC)	
PCS-32ESI	OnGuard 32ESI Server System with PC – includes PC with Microsoft Windows Client OS (see PC Config) and SQL 2016 Express database loaded with OnGuard Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 32 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (INCLUDES PC-CONFIG#3 PLATFORM)	**$4,265**
PCC-32ESI	OnGuard 32ESI Client System with PC – includes PC with Microsoft Windows Client OS (see PC Config) and loaded with OnGuard Client software license which includes; System Administration; Alarm Monitoring; Map Designer; Login Driver; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Cardholder Image Export and Enhanced Imaging Option (Chromakey and Ghosting. (INCLUDES PC-CONFIG#6 PLATFORM)	**$1,870**

Integrated OnGuard Access Control & Identity Management Solutions (Cont'd)

OnGuard ADVI is an integrated OnGuard Access Control and Identity Management system solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard server supports up to 64 card access readers and 50,000 cardholders but this number can be increased by increasing the hard drive capacity and licensing. OnGuard ADVI can be expanded to accommodate up to ten additional client PCs and up to 256 card access readers.

Notes: (Additional reader licenses can be ordered - see Reader Capacity Upgrades for ADV Systems)
(See Image Capture Options for input devices and Direct Card Printers for printing options)

<u>Part #</u>	<u>Description</u>	<u>Cost</u>
Software Only		
SWS-ADVI	OnGuard ADVI Server Software License- OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 64 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (SOFTWARE IS SUPPORTED ON PC-CONFIG#3 PLATFORM)	**$8,790**
SWC-ADVI	OnGuard ADVI Client Software License – OnGuard Client software license includes; System Administration; Alarm Monitoring; Map Designer; Login Driver; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Cardholder Image Export and Enhanced Imaging Option (Chromakey and Ghosting. (SOFTWARE IS SUPPORTED ON PC-CONFIG#6 PLATFORM)	**$6,690**
	Browser Based Clients also available for OnGuard version 7.4 and higher	
Turn-key Systems (Software with PC)		
PCS-ADVI	**OnGuard ADVI Server System with PC** – includes PC with Microsoft Windows Client OS (see PC Config) and SQL 2016 x64 server database standard edition (Single Application License; 5 CALS) loaded with OnGuard Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 64 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (INCLUDES PC-CONFIG#3 PLATFORM)	**$11,465**
PCC-ADVI	**OnGuard ADVI Client System with PC** – includes PC with Microsoft Windows Client OS (see PC Config) and loaded with OnGuard Client software license which includes; System Administration; Alarm Monitoring; Map Designer; Login Driver; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Cardholder Image Export and Enhanced Imaging Option (Chromakey and Ghosting. (INCLUDES PC-CONFIG#6 PLATFORM)	**$7,535**
PCC-HPC-ADVI	**OnGuard ADVI High Performance Client System with PC** – includes PC with Microsoft Windows Client OS (see PC Config) and loaded with OnGuard Client software license which includes; System Administration; Alarm Monitoring; Map Designer; Login Driver; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Cardholder Image Export and Enhanced Imaging Option (Chromakey and Ghosting. (INCLUDES PC-CONFIG#7 PLATFORM)	**$11,890**

Integrated OnGuard Access Control & Identity Management Solutions

OnGuard PROI is an integrated OnGuard Access Control and Identity Management system solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard server supports up to 128 card access readers and 100,000 cardholders but this number can be increased by increasing the hard drive capacity and licensing. OnGuard PROI can accommodate an unlimited number of additional client PCs and an unlimited number of card access readers. The PCS-PROI is designed to be a networked, dedicated server with no peripherals connected to the server.

Lenel's standard server configuration for all PRO and ENTERPRISE systems is a PDC (Primary Domain Controller). Servers can be setup as a WORKGROUP upon written request on a per order basis.

Notes: (Additional reader licenses can be ordered, see Reader Capacity Upgrades for PRO Systems)
(See Image Capture Options for input devices and Direct Card Printers for printing options)

Part #	Description	Cost
Software Only		
SWS-PROI	OnGuard PROI Server Software License – OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (SOFTWARE IS SUPPORTED ON PC-CONFIG#5 PLATFORM)	**$23,450**
SWC-ADVI	OnGuard ADVI Client Software License – OnGuard Client software license includes; System Administration; Alarm Monitoring; Map Designer; Login Driver; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Cardholder Image Export and Enhanced Imaging Option (Chromakey and Ghosting. (SOFTWARE IS SUPPORTED ON PC-CONFIG#6 PLATFORM)	**$6,690**
	Browser Based Clients also available for OnGuard version 7.4 and higher	
Turn-key Systems (Software with PC)		
PCS-PROI	OnGuard PROI Server System with PC – includes PC with Microsoft Windows Server OS (see PC Config) includes 16 CORE Licenses and SQL 2016 x64 server database standard edition (Single Application License; 5 CALS) loaded with OnGuard Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (INCLUDES PC-CONFIG#5 PLATFORM)	**$31,520**
PCC-ADVI	OnGuard ADVI Client System with PC – includes PC with Microsoft Windows Client OS (see PC Config) loaded with OnGuard Client software license which includes; System Administration; Alarm Monitoring; Map Designer; Login Driver; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Cardholder Image Export and Enhanced Imaging Option (Chromakey and Ghosting. (INCLUDES PC-CONFIG#6 PLATFORM)	**$7,535**
PCC-HPC-ADVI	OnGuard ADVI High Performance Client System with PC – includes PC with Microsoft Windows Client OS (see PC Config) loaded with OnGuard Client software license which includes; System Administration; Alarm Monitoring; Map Designer; Login Driver; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Cardholder Image Export and Enhanced Imaging Option (Chromakey and Ghosting. (INCLUDES PC-CONFIG#7 PLATFORM)	**$11,890**

Mobile Badging

Mobile Badging Client [Software Only]

Mobile Badging Client License is a software client that supports mobile badging functionality using a local [replicated] cardholder database. Full functionality to modify cardholders via ID Credential Center and Replication Administration included. This can be loaded on to a laptop and brought into the field to be re-connected back to the main server at a later time to add cardholders in a quicker and easier fashion. **Can be run on ADV, PRO or Enterprise systems ***

SWC-MOB-IDNH   **Mobile Badging (Distributed Id) Station Client System Software License** – support mobile badging functionality using a local (replicated) cardholder database. OnGuard Client software licenses includes: Replication Administration; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; Cardholder Image Export and Enhanced Imaging Option (Chromakey and Ghosting).   **$3,615**

OnGuard Enterprise

OnGuard Enterprise Solution is a Multi-Site Data Synchronization Architecture that utilizes an Enterprise Database Server that contains a master copy of all data located at each of the Regional server site(s). Each geographical region (as determined by the customer) contains a Regional Server as well as any number of client workstations connected to Regional Servers through a LAN.

The Regional Server contains a copy of all "core" information obtained from the Enterprise Server. This includes cardholders, credential, badge types, card formats, etc. The Regional Server also contains the entire local operating information for that site. Local operating information includes all access control field hardware information, access levels, time zones, holidays, and monitor zones. Each regional site is treated as a separate segment within the system.

The OnGuard Enterprise architecture is a unique, fully integrated security management system solution designed to work using a Microsoft Windows operating system with a SQL or Oracle database. The standard full OnGuard Enterprise architecture supports up to 100,000 cardholders and 128-card readers per Region. The PCS-ENTMAS1 and PCS-ENTREG1 are designed to be networked, dedicated database servers.

Special Notes:

1. Lenel's standard server configuration for all PRO and ENTERPRISE systems is a PDC (Primary Domain Controller). Servers can be setup as a WORKGROUP upon written request on a per order basis.
2. Additional reader licenses can be ordered, see Reader Capacity Upgrades for PRO/ENT Systems)
3. All OnGuard Enterprise systems purchased must include the purchase of the PES Enterprise Planning Session that covers pre-deployment planning services. Please submit a request for quote at **http://ps.lenel.com/rfq**.

Part #	Description	Cost
	Enterprise Master Servers – Software Only	
SWS-ENTMAS-LT	OnGuard Enterprise Lite Server Software License – OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 64 local card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting); support for up 8 Regions and first year support plan for new systems. NOTE: support for card access readers are based on regional server(s) card reader capacities with a maximum number of 512 readers total per Master-LT. MUST BE SENT TO LENEL FOR CONFIGURATION (SOFTWARE IS SUPPORTED ON PC-CONFIG#5 PLATFORM)	**$29,320**
SWS-ENTMAS1	OnGuard Enterprise Server Software License - OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 local card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting); support for up 10 Regions and first year support plan for new systems. MUST BE SENT TO LENEL FOR CONFIGURATION (SOFTWARE IS SUPPORTED ON PC-CONFIG#5 PLATFORM)	**$51,740**

OnGuard Enterprise (Cont'd)

<u>Part #</u>	<u>Description</u>	<u>Cost</u>

Enterprise Master Servers - Turn-key (Software with PC)

PCS-ENTMAS1   **OnGuard Enterprise Server System with PC** – includes PC with Microsoft Windows Server OS (see PC Config) Standard Edition; x64 includes 16 CORE Licenses and SQL 2016 x64 server database enterprise edition (Single Application License; 5 CALS) loaded with OnGuard Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 local card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting); support for up 10 Regions and first year support plan for new systems. (INCLUDES PC-CONFIG#5 PLATFORM)   **$58,395**

Enterprise Regional Server Capacity Upgrades (Software-only, Servers Separate)

SWS-ENTMAS2   **Additional Regional Server Licenses for ENTMAS1 Master Servers** - Allows for an additional 10 regions to be added to the Enterprise Master.[MAX of 1 purchase before Professional Engineering Services needs to be engaged about your system]   **$32,770**

SWS-MASLT2   **Additional Regional Server Licenses for ENTMAS**-LT Master Servers - Allows for 8 additional regions (16 total) to be added to the Enterprise Master (ENTMAS-LT only).[MAX OF 1 Purchase for ENTMAS-LT systems]   **$15,520**

Enterprise Regional Servers – Software Only
MUST BE SENT TO LENEL FOR CONFIGURATION

SWS-ENTREG-SM   **OnGuard Regional SM [small] Server Software License -** OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 16 card access readers [optional 16 reader upgrade available]; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (SOFTWARE IS SUPPORTED ON PC-CONFIG#3 PLATFORM)   **$5,170**

SWS-ENTREG-LT   **OnGuard Regional Lite Server Software License** - OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 64 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (SOFTWARE IS SUPPORTED ON PC-CONFIG#5 PLATFORM)   **$18,970**

SWS-ENTREG1   **OnGuard Regional Dedicated Server Software License** - OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems.(SOFTWARE IS SUPPORTED ON PC-CONFIG#5 PLATFORM)   **$27,590**

OnGuard Enterprise (Cont'd)

Enterprise Regional Servers - Turn-key (Software with PC)

PCS-ENTREG-LT **OnGuard Regional Lite Server System with PC** – includes PC with Microsoft Windows Server OS (see PC Config); Standard Edition; x64 includes 16 CORE Licenses and SQL 2016 x64 server database standard edition (Single Application License; 5 CALS) loaded with OnGuard Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 64 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (INCLUDES PC-CONFIG#5 PLATFORM) **$27,260**

PCS-ENTREG1 **OnGuard Regional Server System with PC** – includes PC with Microsoft Windows Server OS (see PC Config); Standard Edition; x64 includes 16 CORE Licenses and SQL 2016 x64 server database standard edition (Single Application License; 5 CALS) loaded with OnGuard Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (INCLUDES PC-CONFIG#5 PLATFORM) **$35,450**

OnGuard Software Ordering Information

For all SWS and PCS items <u>VAR-SP End User Information-Certification Form</u> is required. For all SWC and PCC items, <u>OnGuard System ID</u> required unless purchasing with new system.

OnGuard® Cloud Edition

OnGuard Cloud Edition is an alternative OnGuard package accessed and deployed from the cloud via Amazon Web Services™ (AWS). OnGuard Cloud Edition is packaged as a set of Amazon Machine Images (AMIs) available on the Public Machine Images section of AWS. The AMIs may be found by searching the Public Machine Images section for "OnGuard Cloud Edition." Both single server and multi-server AMI configurations are available. The single server configuration is applicable to OnGuard 32ES and OnGuard ADV deployments. The multi-server configuration is applicable to OnGuard PRO edition deployments. OnGuard Cloud Edition AMIs use a "Bring Your Own License" (BYOL) purchasing model. They are licensed in the same fashion as traditional versions of OnGuard. Licenses are available for OnGuard 32ES, ADV and PRO systems. Existing OnGuard licenses can be converted to Cloud Edition licenses for a OnGuard Cloud Edition 32ES is an access control solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard security server provides support for up to 25,000 cardholders and up to 32 card access readers. OnGuard 32ES can be expanded to accommodate up to five additional client PCs and up to 64 card access readers.

<u>Part #</u>	<u>Description</u>	<u>Cost</u>
Software Only		
SWS-CLD-32ES	**OnGuard Cloud Edition 32ES Server Software License** Designed for use with the OnGuard Cloud Edition 32ES/ADV Amazon Machine Image (AMI) hosted in the Amazon AWS cloud. OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; OnGuard support for Remote Desktop Protocol; support for up to 32 card access readers and first year support plan for new systems.	**$1,138**
CON-CLD-32ES	Converts an existing OnGuard 32ES license to an OnGuard Cloud Edition 32ES license. Designed for use with the OnGuard Cloud Edition 32ES/ADV Amazon Machine Image (AMI) hosted in the Amazon AWS cloud. Requires an existing SUSP.	**$285**

OnGuard Access Solutions

OnGuard ADV is an access control solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard security server supports up to 64 card access readers and 50,000 cardholders but this number can be increased, by increasing the hard drive capacity and licensing. OnGuard ADV can be expanded to accommodate up to ten additional client PCs and up to 256 card access readers.

(Note: Additional readers licenses can be ordered, see Reader Capacity Upgrades for ADV Systems)

Part #	Description	Cost
	Software Only	
	[Use these parts + PC CONFIGURATION #5F if you plan to do redundancy with ADV level]	
SWS-CLD-ADV	**OnGuard Cloud Edition ADV Server Software License**	**$4,818**
	Designed for use with the OnGuard Cloud Edition 32ES/ADV Amazon Machine Image (AMI) hosted in the Amazon AWS cloud. OnGuard Server software license includes: System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; OnGuard support for Remote Desktop Protocol; support for up to 64 card access readers and first year support plan for new systems.	
CON-CLD-ADV	**SWS-ADV to SWS-CLD-ADV License Conversion**	**$1,205**
	Converts an existing OnGuard ADV license to an OnGuard Cloud Edition ADV license. Designed for use with the OnGuard Cloud Edition 32ES/ADV Amazon Machine Image (AMI) hosted in the Amazon AWS cloud. Requires an existing SUSP.	

OnGuard PRO is an access control solution using a Microsoft Windows operating system with a SQL or Oracle database. The standard server supports up to 128 card access readers and 100,000 cardholders, however this number can be increased by increasing the hard drive capacity and licensing. OnGuard PRO can accommodate an unlimited number of additional client PCs as well as an unlimited number of card access readers. The PCS-PRO is designed to be a networked, dedicated server with no peripherals connected to the server.

(Note: Additional reader licenses can be ordered - see Reader Capacity Upgrades for PRO Systems)

Part #	Description	Cost
	Software Only	
SWS-CLD-PRO	**OnGuard Cloud Edition PRO Server Software License**	**$19,538**
	Designed for use with the OnGuard Cloud Edition Pro Amazon Machine Images (AMIs) hosted in the Amazon AWS cloud. OnGuard Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; OnGuard support for Remote Desktop Protocol; support for up to 128 card access readers and first year support plan for new systems.	
CON-CLD-PRO	**SWS-PRO to SWS-CLD-PRO License Conversion**	**$4,885**
	Converts an existing OnGuard PRO license to an OnGuard Cloud Edition PRO license. Designed for use with the OnGuard Cloud Edition PRO Amazon Machine Images (AMIs) hosted in the Amazon AWS cloud. Requires an existing SUSP.	

Computer Hardware Options
Minimum Shipping Configurations for all OnGuard Turnkey Systems

ALL PC'S SHOWN BELOW NO LONGER COME WITH A MONITOR. MONITOR OPTIONS CAN BE FOUND ON THE NEXT PAGE AND ARE TO BE PURCHASED SEPARATELY.

(Note: All PC minimum requirements are subject to change based on equipment availability & industry standards).

OnGuard Servers

PC-CONFIG#4G   CONFIGURATION # 4G – WORKSTATION PC: **$4,700.00**

Dell Precision R7920 2U Rackmount Workstation - Intel Xeon Bronze 3106 (8C/8T, 1.7GHZ, 9.6GT/S, 11MB, 85W); 16GB (2X8GB) 2666MHZ DDR4 RDIMM ECC; DVD +/-RW, SATA, Internal; 500GB 7.2k RPM 2.5 Serial ATA Hard Drive; C1 SATA/SSD 2.5", 1-8 HD; Windows 10 IOT Enterprise 2016 Embedded (OS media not included, no recovery CD); Intel I350 (4x1GBit) Quad Port Network card; Sliding Ready Rails without Cable Management Arm and 3 year limited warranty**[DOES NOT INCLUDE MONITOR]**

PC-CONFIG#5G   CONFIGURATION #5G - SERVER PC: (PRO, ENTREG1 and ENTMAS1 Systems)   **$8,750.00**

Dell PowerEdge R740 (2U Rackmount) – INTEL XEON SILVER 4108 (8C/16T, 1.8GHZ, 11MB CACHE - 9.6GT/S); 120/220V 750Watt Redundant Power Supply; 16GB - RDIMM - 2666MHz [2x8GB RDIMMS]; DVD+/-RW Drive; 1x8 Backplane for 2.5-inch Hard Drives; (2) M.2 240GB OS Drives (RAID 1); (5) 300GB 15K RPM SAS 12Gbps 2.5in Hotplug Hard Drives (RAID 5); PERC H740 Integrated RAID Controller - 1GB Cache; iDRAC9 Enterprise; Broadcom 5720 QP 1Gb Network Daughter Card; Windows Server 2016 Standard Edition x64 - 0 CALS (See product #S00103 for pricing on additional CALs); ReadyRails Slid with Cable Management Arm and 3 year limited warranty. **[DOES NOT INCLUDE MONITOR]**

OnGuard Client Workstations

PC-CONFIG#3F   CONFIGURATION # 3F - WORKSTATION PC   **$2,300.00**

DELL PRECISION T5820 MID-TOWER; INTEL XEON W-2104 CPU (4C, 5.5MB, 4T, 3.2GHZ, 120W); 8GB (1 X 8GB) 2666MHZ DDR4 RDIMM ECC; 8X DVD+/-RW; 500GB 2.5INCH SERIAL ATA (7.200 RPM) HARD DRIVE; NVIDIA NVS 315 (1GB DMS59 TO DVI-I ADAPTER); WINDOWS 10 IOT ENTERPRISE 2015 EMBEDDED (OS MEDIA NOT INCLUDED, NO RECOVERY CD); RJ45 ETHERNET PORT; INTERNAL CHASSIS SPEAKERS; (6) USB 2.0 PORTS; (4) USB 3.0 PORTS; (1) SERIAL PORT; USB KEYBOARD/MOUSE; 3 YEAR LIMITED WARRANTY; **[DOES NOT INCLUDE MONITOR]**

PC-CONFIG#6J   CONFIGURATION # 6J – Small Form Factor Client PC: **$1,243.00**

DELL OPTIPLEX 3070 SMALL FORM FACTOR; INTEL CORE I3-9100 PROCESSOR (4 CORE, 6MB, 4T, 3.6-4.2GHZ, 65W); WINDOWS 10 IOT; INTEL INEGRATED GRAPHICS;, DELL OPTIPLEX (490-BBFG); DELL ADAPTER, DISPLAYPORT TO DCVI (470-AANH); 4GB (1X4G) DDR4 2666MHZ UDIMM; 2.5 INCH 500GB 7200RPM HARD DISK DRIVE; 80PLUS BRONZE POWER SUPPLY; 3 YEAR LIMITED WARRANTY WITH DELL BASIC SUPPORT PLAN; **[DOES NOT INCLUDE MONITOR]**

PC-CONFIG#7G   CONFIGURATION # 7G – High Performance Video Client PC: **$5,825.00**

Dell Precision T5820 Mid-Tower, High Performance; INTEL® XEON® W-2123 CPU (4C, HT, 3.6 GHZ TURBO, 5.5M); 16GB (2X8GB) 2666MHZ; DDR4 RDIMM-ECC; 685W power supply; 16X DVD+/-RW; 512GB 2.5" Serial ATA Solid State Drive; AMD WX 9100 Highend Video Card; Intel AHCI chipset SATA controller (8x6.0Gb/s) - SW RAID 0/1/5/10; C3 SATA/SSD 2.5"1-2 HD; Windows 10 IOT Enterprise 2015 Embedded (OS media not included, no recovery CD); RJ45 Ethernet port; Internal Chassis Speakers; (6) USB 2.0 ports, (4) USB 3.0 ports; (1) Serial port; USB keyboard/mouse; 3 year limited warranty; **[DOES NOT INCLUDE MONITOR]**

Computer Hardware Options
Monitor Options

Part #	Description	Cost
PCMON-24	Dell UltraSharp U2419H 24 inch Monitor. Comes with a 3 year warranty	**$403.00**
PCMON-27	Dell UltraSharp U2717D 27 inch Monitor. Comes with a 3 year warranty	**$1,249.00**

Third Party Software

Part #	Description	Cost
S00110	Microsoft Windows Server 2016 Embedded CAL Qty 1	**$55.00**
S00200-DVD	SQL Server® 2017 Standard for Embedded Systems (5 Client) (ESD) "Install DVD"	**$977.00**
S00201	SQL Server® 2017 for one CAL "License only"	**$200.00**
S00205	SQL Server® 2017 for five CALs "License only"	**$977.00**

Note: If End User does not have an open license agreement with Microsoft, they must purchase S00110 for each client PC connecting to the server after the 5 initial CALs "Client Access Licenses" used.

PC Integration Services

SIS-DELL	Installation and integration of OnGuard and SQL on server or client PC.	**$205.00**

OnGuard View Only Client Software Licenses

The OnGuard View Only Client Workstation software licenses include the ability to view and search the OnGuard Cardholder Database.This license does not include any image capture, printing, or system administration capabilities. This product is available as software only client license. Customers requiring Edit functionality should purchase ID Credential Center (SWC-IDES, or SWC-IDADV).
The following products are available on the ES based systems only

Part #	Description	Cost
View Client Workstations		
SWC-VIEW1ES	View Client Workstation Software License - Single License Pack	**$260**

The following products are available on the ADV, PRO or Enterprise based systems only

	View Client Workstations	
SWC-VIEW1ADV	View Client Workstation Software License - Single License Pack (*)	**$1,295**
SWC-VIEW5	View Client Workstation Software License - 5 License Pack (*)	**$4,315**

The following products are available on PRO or Enterprise based systems only

	View Client Workstations	
SWC-VIEW10	View Client Workstation Software License - 10 License Pack (*)	**$7,760**
SWC-VIEW25	View Client Workstation Software License - 25 License Pack (*)	**$17,250**
SWC-VIEW50	View Client Workstation Software License - 50 License Pack (*)	**$30,190**
SWC-VIEW100	View Client Workstation Software License - 100 License Pack (*)	**$43,130**

(*) SQL Client Cost Included

OnGuard Visitor Management and Visitor Self Service

OnGuard Visitor Management is designed for all sizes of organizations and allows them to manage and track visitors. Once logged in from desktop or tablet, users can add visitors, capture photos, schedule visits, assign employee hosts, and send e-mail notifications to all parties regarding the scheduled visit.

The **Visitor Self Service (VSS) iPad app** add-on allows the visitor to sign-in and sign-out their visit themselves from the device, reducing the impact to the customer's reception/security attendant.

With OnGuard 7.5, we now offer a **'new' Visitor Management Suite** that uses the latest components of our OnGuard Visitor environment. **This suite consists of the OnGuard Visitor (browser-based) client, Cardholder Self Service Visitor Host web module, and the Visitor Self Service iPad(R) app.** While purchased separately, using these components together provides the user experience and value as a Visitor Management Solution.

NOTE: As a new browser client, the OnGuard Visitor browser-based client is designed to support common Visitor use cases but does not currently support all functionality available in prior versions. Customers requiring support of the following functions: Scan and Capture of ID's, Customization of Visitor Badges and Access per Visitor, and Bulk Visitor Enrollment, should look to use or remain on our prior IDVM Front Desk Clients at this time.

For OnGuard Systems prior to 7.5:

OnGuard versions prior to 7.5 can support Visitor Management using the IDVM (Identity Visitor Management) applications that have previously been available. The applications consist of IDVM Visitor Front Desk and IDVM Visit Host, and can share the support of the Visitor Self Service iPad app.

Part #	Description	Cost
OnGuard Visitor Management (browser-clients) with OnGuard 7.5		
OCP-OVM-ES	Non-expiring license for (1) OnGuard Visitor client and Visitor Management for 32ES OnGuard systems. Purchase requires OnGuard 7.5 or higher. Allows unlimited number of visits. DOES NOT include CSS Visitor Host or Visitor Self Service (must be purchased separately).	**$2,155**
OCP-OVM-ADV	Non-expiring license for (2) OnGuard Visitor client and Visitor Management for ADV OnGuard systems. Purchase requires OnGuard 7.5 or higher. Allows unlimited number of visits. DOES NOT include CSS Visitor Host or Visitor Self Service (must be purchased separately).	**$3,795**
OCP-OVM-PRO/ENT	Non-expiring license for (3) OnGuard Visitor client and Visitor Management for Pro and Enterprise OnGuard systems. Purchase requires OnGuard 7.5 or higher. Allows unlimited number of visits. DOES NOT include CSS Visitor Host or Visitor Self Service (must be purchased separately).	**$5,180**
OCP-OVC-ADD-1	Enables an additional OnGuard Visitor Client to extend an existing OnGuard Visitor Management system. Includes: Non-expiring license for (1) OnGuard Visitor client. Purchase requires OnGuard 7.5 or higher and that System has OnGuard Visitor Management License enabled.	**$520**
Visitor Self Service iPad tablet License		
SSM-VSS	**12 month license** for [1] Visitor Self Service Module (iPad Only Support). iPad not included. Quantity should be for total number of configured tablets. Requires at least one IDVM front desk license on the OnGuard server. iPad not included.	**$830**
SSR-VSS	12 month **renewal license** for Qty 1 SSM-VSS. Quantity must match number of existing SSM-VSS licenses. Maximum total subscription is 3 years. iPad not included.	**$830**
LSM-VSS	**Non-expiring license** for [1] Visitor Self Service Module (iPad Only Support). iPad not included. Quantity should be for total number of configured tablets. Requires at least one IDVM front desk license on the OnGuard server. iPad not included.	**$3,310**

OnGuard Visitor Management and Visitor Self Service (Cont'd)

Conversion of Existing IDVM Front Desk Client Licenses to OnGuard Visitor (Browser) Client Licen

For OnGuard customers converting from earlier OnGuard versions to OnGuard version 7.5 and up, LenelS2 will allow the following licenses to be converted on a 1:1 basis from existing IDVM Front Desk to OnGuard Visitor Browser Client licenses. Note that once licenses are converted, they CANNOT be converted back to Windows Client licenses. Therefore, we recommend only converting a portion of your licenses until you determine the correct mix of Windows and browser clients for your application.

Part #	Description	Cost
CON-IDVMFD2OVC	Client License Count (1 Client Seat) Conversion of IDVM Front Desk (IDVM-FD) to OnGuard Visitor browser client add-on (OCP-OVC-ADD-1). DOES NOT include conversion to enable CSS Visitor Host (must be purchased separately).	**No Charge**

IDVM Visitor Management with OnGuard (Supports OnGuard 7.5 and prior versions)

For OnGuard customers using OnGuard 7.5 or prior versions that require the IDVM Visitor Management support or are looking to extend their IDVM Visitor environment, the following options are available.

IDVM-ES-FD	Enables OnGuard Visitor Management for OnGuard ES system. Includes one (1) Front Desk Admin Client user license, unlimited number of visitor hosts and visits.	**$2,500**
IDVM-ADV-FD	Enables OnGuard Visitor Management for OnGuard ADV system. Includes two (2) Front Desk Admin Client user licenses, unlimited number of visitor hosts and visits.	**$4,295**
IDVM-PRO/ENT-FD	Enables OnGuard Visitor Management for OnGuard PRO or ENT system. Includes three (3) Front Desk Admin Client user licenses, unlimited number of visitor hosts and visits.	**$5,780**
IDVM-FRONTDESK	Adds one (1) additional Front Desk Admin Client license to any of the IDVM FD licenses described above.	**$675**

OnGuard 3rd Party User Authentication (OpenID® Connect Integration)

OnGuard 3rd Party Authentication allows for authentication of OnGuard Users through the use of at third party product. Within the OnGuard System, the administrator can create a Directory Connection (similar to the process used for Active Directory or LDAP) that is capable of using the OpenID Connect (OIDC) Standard for authentication through a provider outside of OnGuard. This license does not include any content from the authentication provider system, but allows for the creation of an OpenID Connect-based directory connection that can be used for OnGuard.

One license count is required for each OpenID Connect directory to be configured.

ORDERING INFORMATION:
For new systems, please refer to the SUSP section of this price book to determine support tier, and order the matching 3rd Party Authentication part number(s) below, based on system type and reader capacity. For existing systems with a SUSP, use the same tier(s) as used by your SUSP.

Part #	Description	Cost
	3rd Party (OpenID) User Authentication for 32ES Systems	
LSM-3PA-ES	Non-expiring license for a single OnGuard 3rd Party Authentication (OIDC) directory connection for an OnGuard 32ES system. Requires OnGuard 7.5 or higher and active SUSP-W-ES support plan at the time of purchase.	**$415**
	3rd Party (OpenID) User Authentication for ADV Systems	
LSM-3PA-ADV	Non-expiring license for a single OnGuard 3rd Party Authentication (OIDC) directory connection for an OnGuard ADV system. Requires OnGuard 7.5 or higher and active SUSP-ADV-TR-1, TR-2, Or TR-3 support plan at the time of purchase.	**$830**
	3rd Party (OpenID) User Authentication for PRO Systems	
LSM-3PA-PRO-A	Non-expiring license for a single OnGuard 3rd Party Authentication (OIDC) directory connection for an OnGuard PRO Tier 1 or 2 size system. Requires OnGuard 7.5 or higher and active SUSP-PRO-TR-1 or TR-2 support plan at the time of purchase.	**$1,665**
LSM-3PA-PRO-B	Non-expiring license for a single OnGuard 3rd Party Authentication (OIDC) directory connection for an OnGuard PRO Tier 3 or 4 size system. Requires OnGuard 7.5 or higher and active SUSP-PRO-TR-3 or TR-4 support plan at the time of purchase.	**$3,325**
LSM-3PA-PRO-C	Non-expiring license for a single OnGuard 3rd Party Authentication (OIDC) directory connection for an OnGuard PRO Tier 5 size system. Requires OnGuard 7.5 or higher and active SUSP-PRO-TR-5 support plan at the time of purchase.	**$6,650**

3rd Party (OpenID) User Authentication for Enteprise and Enterprise Lite Systems

OnGuard 3rd Party Authentication is purchased for the Enterprise System and installed at the Master. OpenID Connect Directories will replicate to all regions for use within the Enterprise.

LSM-3PA-MAS	Non-expiring license for a single OnGuard 3rd Party Authentication (OIDC) directory connection for an OnGuard Enterprise Master (ENTMAS1) size system. Requires OnGuard 7.5 or higher and active SUSP-ENT-MAS support plan at the time of purchase.	**$6,650**
LSM-3PA-MAS-LT	Non-expiring license for a single OnGuard 3rd Party Authentication (OIDC) directory connection for an OnGuard PRO Tier 5 size system. Requires OnGuard 7.5 or higher and active SUSP-W-ENT-MAS-LT support plan at the time of purchase.	**$3,325**

OnGuard Area Access Manager

The OnGuard Area Access Manager module has been designed for the business manager who needs to make decisions about employee access to secure areas such as research labs, server rooms, etc. This application allows any manager to make basic yet important changes to the access control system's functionality without requiring extensive knowledge of how the system is configured.

Specifically, OnGuard Area Access Manager allows any manager who has previously been given privileges to the OnGuard system to grant or remove, personnel access to areas.   OnGuard Area Access Manager supports any industry standard network protocol and topologies including Ethernet TCP/IP. OnGuard Area Access Manager runs as part of your OnGuard Access Control application on your server and is available on all Windows XP/2003/2008/Vista and Windows 7 based systems.

OnGuard Area Access Manager can be deployed on a full client workstation or deployed as a web enabled application, allowing access to the program from a standard web browser.

Area Access Manager Options

Part #	Description	Cost
SWG-RAM1	**OnGuard Area Access Manager software license for any OnGuard servers** – includes 1 concurrent user license (this item is Not available on any Entry System (PCS-32ES, PCS-32ESI or PCS-IDES).	**$865**
SWG-RAM5	**OnGuard Area Access Manager software license for any OnGuard Server** – includes up to 5 concurrent user licenses (this item is Not available on any Entry System (PCS-32ES, PCS-32ESI or PCS-IDES).	**$3,880**
SWG-RAM10	**OnGuard Area Access Manager software license for ADV or PRO servers** – includes up to 10 concurrent user licenses (this item is Not available on any Entry System (PCS-32ES, PCS-32ESI or PCS-IDES)	**$6,900**
SWG-RAM25	**OnGuard Area Access Manager software license for PRO servers –** includes up to 25 concurrent user licenses (this item is Not available on any Entry System (PCS-32ES, PCS-32ESI or PCS-IDES)	**$13,800**
SWG-RAM50	**OnGuard Area Access Manager software license for PRO servers** – includes up to 50 concurrent user licenses (this item is Not available on any Entry System (PCS-32ES, PCS-32ESI or PCS-IDES)	**$20,700**
SWG-RAM100	**OnGuard Area Access Manager software license for PRO servers** – includes up to 100 concurrent user (this item is Not available on any Entry System (PCS-32ES, PCS-32ESI or PCS-IDES)	**$29,330**

OnGuard Asset
Asset Management Software (Options)

OnGuard Asset Control combines powerful transaction based architecture with a unique hardware design to deliver real-time asset management, asset tracking and personnel control in conjunction with OnGuard Solutions. Due to the mobility of today's workforce, the management and tracking of assets has become increasingly difficult for facilities, human resource, and IT managers. OnGuard Asset is an available option for all OnGuard system solutions.

Part #	Description	Cost
SWG-AMES-8	**OnGuard ES Asset Software License Option** – includes asset control software license for 32ES and 32 ESI software products.	$1,715
SWG-AMADV-8	**OnGuard ADV Asset Software License Option** – includes asset control software license for 64ADV and 64ADVI software products.	$8,620
SWG-AMPRO-8	**OnGuard PRO Asset Software License Option** – includes asset control software license for PRO and PROI software products.	$17,240
SWG-AMENT-8	**OnGuard Regional Asset Software License Option** – includes asset control software license for Enterprise Regional software products.	$17,240

OnGuard Software Options

Part #	Description	Cost
	Systems Wide Software Options	
SWG-1120	OnGuard Mustering Software Option	**$1,715**
SWG-1225	DataExchange – Global Data Import/Export Utility	**$6,470**
SWG-1210	OnGuard FormsDesigner (User definable Fields)	**$2,580**
SWG-1250	Automatic Alarm Export, provides an output text file for configured alarms. The text file can be pulled into a third party application to report on alarm conditions.	**$855**
SWG-1340	**Intercom Communication Interface for OnGuard-** check compatibility chart for intercom systems.	**$1,715**
SWG-1350	**Fire Alarm Panel Comm Interface for OnGuard-** check compatibility chart for panel support.	**$1,715**
SWS-VSA	**OnGuard Alert Management Software License** – includes global server software license for the Visonic communications interface (Requires SWG-1355 per SLC-5).	**$1,715**
SWG-1355	**Visonic Technologies SLC-5 –** Communications device driver per SLC-5 controller (includes 255 bus transmitters) (requires SWS-VSA).	**$855**
SWG-1410	**Central Station Receiver Interface** – communication software for central station receivers, must order one SWG-1410 for each receiver. Check compatibility chart for central station receivers.	**$4,305**
SWG-1450	**Intrusion Panel Support Option** (per panel) - check compatibility chart for panel support. NOTE: This license is primarily for older systems. New licensing method, is specific to panel manufacturer. It is not required to have both. So a NEW system would have Intrusion specific licenses below that have a numeric suffix (SWG-1450-x) such as DMP intrusion panels (e.g. SWG-1450-3).	**$215**
SWG-1450-3	**DMP Intrusion Panel Support Option** (per panel) - check compatibility chart for panel support. Note: This is an OAAP Addon provided by Custom Solutions. The addon must be downloaded.	**$639**
SWG-LP	**Language Pack Module -** Supported Language Packs can be found for each specific version of OnGuard at ***https://www.lenel.com/support/downloads/onguard***	**No Charge**
SWG-1475	**INTELLI-CHECK Software** communications interface option **per unit option**	**$520**
SWG-1476	OnGuard CSSN Scanner Option. For support of CSS-800 and 1000 series scanners. One license is required per scanner.	**$520**
SWG-1600	**Barco Wall Integration (per Video Stream)**	**$260**
SWG-1800-PL	Partner Access Device License for ANY electronic locks PURCHASED through Lenel and attached to an OnGuard system [REQUIRED license for all Third Party Locks][one license per lock].	**No Charge**
SWG-1800-N-PL	Partner Access Device License for ANY electronic locks NOT PURCHASED through Lenel and attached to an OnGuard system [REQUIRED license for all Third Party Locks][one license per lock].	**$130**
	Biometric - Iris - Handkey Licenses	
SWG-1400	**OnGuard Schlage Hand Geometry Interface Global Software Option for OnGuard** - for ID3D, Handkey CR and Handkey II Readers	**$4,305**
SWG-1402	**Bioscrypt and Integrated Engineering interface** for Fingerprint authentication option	**$4,305**
SWG-1407	**CrossMatch/Sagem-Morpho -** Finger Print Capture. Captures 500PPI images, ANSI378 templates, and Idemia-Morpho PKCOMP templates (also for OSDP panel-based biometrics and legacy Lenel/HID bioCLASS support)	**$4,305**
SWG-1415	BioConnect/Suprema SW interface for biometric fingerprint authentication option **[Includes DataConduIT - SWG-1140]. Not required for panel based OSDP biometrics - Order SWG-1407 for OSDP Panel Based Template applications**	**$4,315**
SWG-IRIS	IrisAccess Software Interface option for OnGuard ES, ADV and PRO Solutions	**$4,305**
SWG-IRIS-ENT	IrisAccess Software Interface option for OnGuard ENT Solutions. This license is required for each region in which LG Iris templates will be enrolled.	**$6,030**

OnGuard Software Options (Cont'd)

Part #	Description	Cost
	HID Custom Key Software Option	
SWG-1490	**HID Custom Key Generator Software Option –** includes the ability to create site specific custom iCLASS/MIFARE keys for customer cards encoded with HID Access Control or HID MIFARE applications, it also includes the ability to create HID Corporate 1000 site specific formats. This is a per card encoding cost. (note – this option requires either a standalone HID Programmer or an inline HID programmer unit from Lenel)	$0.43
	Terminal Client and Citrix Support Option [Pricing DOES NOT include Citrix License]	
SWG-1360	OnGuard support for Remote Desktop Protocol; Citrix Support [see compatibility chart for versions] and Terminal Services for 32ES, ADV, and PRO Level solutions **[DOES NOT INCLUDE CITRIX].**	$3,440
SWG-1370	OnGuard support for Remote Desktop Protocol; Citrix Support [see compatibility chart for versions] and Terminal Services for any Enterprise level solutions **[DOES NOT INCLUDE CITRIX].**	$6,890
	Only Available On ADV, PRO or Enterprise Systems	
SWG-1240	Database Segmentation **[included with all Regional and Master server licenses]**	$5,170
	Seamless Elevator Entry Devices	
SWG-1610	**Seamless Elevator Entry Devices -** Integration to Elevator Destination Systems (applicable to Otis Compass V1/V2/V3 and OAAP Partners). One license is required for each Elevator Dispatching Device to be configured within OnGuard. For Otis Compass; each DES/DER controller needs a license. Otis Compass V1/V2 support is available with OnGuard 6.5 and newer; V3 requires OnGuard 6.6 SP2 or higher. Call for support on Older OnGuard Versions. For OAAP Partners; this can apply to physical devices or virtual groups that need to be configured, please reference the OAAP webpage for specific licenses required.	$8,620
SWG-ELEVRDR-08	**Seamless Elevator Reader License (8 Readers) –** Integrated Reader License (applicable to Otis CompassPlus V3). This license is to be used specifically with Elevator Dispatching Systems with Integrated Card Readers that connect directly to the Elevator Controller and DO NOT require connection to an access controller. Available with Otis CompassPlus in OnGuard 6.6 SP2 and newer. A Number of reader licenses should be purchased to support the number of Integrated Card Readers (Terminal Readers) connected directly to the Elevator Controllers. This count is maintained separate of typical online readers. In an Enterprise environment a count is needed for each region using these devices. Sold in packs of 8 Reader Licenses.	$2,590
	OPC and SNMP Options	
SWG-1460-1	**OPC Data Access Server** Allows external OPC client access to OnGuard data sources. One license is required for each 3rd party OPC client connection to OnGuard. (includes one DataConduIT connection SWG-1140)	$4,315
SWG-1460-2	**OPC Alarms and Events Server** Allows external OPC clients to view OnGuard Alarms and Events. One license is required for each 3rd party OPC client connection to OnGuard. (includes one DataConduIT connection SWG-1140)	$4,315
SWG-1465	**OPC Client Option** Allows all OnGuard Alarm Monitoring workstations to accept alarms and events from external OPC servers that comply with the industry OPC standard for alarms and events. This option allows for unlimited 3rd party OPC server connections to OnGuard. This	$2,235
SWG-1480	**OnGuard SNMP Manager software support option** is for applications that run from a monitoring center and used to monitor a number of SNMP agents. This option does not require DataConduIT.	$2,235
SWG-1485	**OnGuard SNMP Agent with message queue option** supports a single hardware and/or software applications that are reporting to an SNMP Manager with OnGuard being the Agent. (includes one DataConduIT connection SWG-1140)	$4,315
SWG-1485-5	**OnGuard SNMP Agent with message queue option** supports five hardware and/or software applications that are reporting to an SNMP Manager with OnGuard being the Agent. (includes one DataConduIT connection SWG-1140)	$8,580

OnGuard Software Options (Cont'd)

Part #	Description	Cost
	Enable support for Lenel M Series Hardware (LNL-3300-M5, Legacy CASI Bridge Hardware)	
SWG-1635	**Enable Support for Lenel M Series and ACU Series Hardware** Allows LNL-3300-M5, LNL-3300-ACUXL, and LNL-2240-RS4 access panels and reader & alarm panels to be configured within the OnGuard System	**No Charge**
	Enable OnGuard to communicate with legacy Honeywell Access Control Hardware	
SWG-1640	**Enable Support for Bilingual DLL in OnGuard** Allows OnGuard to directly communicate with Honeywell PW5000 & PW 6000 type access control platforms. A license required for OnGuard Server/Regional Server that needs to communicate to Honeywell panels.	**$17,240**
	CMS/IMS Server Options	
SWG-1500	Card Management Server Option (Required for ActivIdentity Server integration) – Select the number of Certificates that will be linked between OnGuard and ActivIdentity	**$3,450**
ISG-CMS500	Integration for encoding 500 ActivIdentity Certificates	**$1,725**
ISG-CMS1K	Integration for encoding 1,000 ActivIdentity Certificates	**$3,020**
ISG-CMS5K	Integration for encoding 5,000 ActivIdentity Certificates	**$12,940**
ISG-CMS10K	Integration for encoding 10,000 ActivIdentity Certificates	**$21,560**
ISG-CMS100K	Integration for encoding 100,000 ActivIdentity Certificates	**$86,250**
	Oracle Database Support	
SWG-1440	**Oracle Support for ADV based servers only**	**$2,070**
SWG-1290	**Oracle Support for PRO based servers only**	**$8,620**
SWG-1293	**Oracle Support for Enterprise Regional Server only [ENTERPRISE ONLY]**	**$15,520**
SWG-1295	**Oracle Support for Enterprise Master Servers [ENTERPRISE ONLY]**	**$17,240**
	Only Available For Enterprise Systems	
SWG-1330	**Multiple instances of Alarm Event Monitoring on a single client workstation** - This license bit allows the customer to run multiple instances of Alarm Monitoring on the same workstation. Its purpose is to allow customers to take advantage of having separate instances of Alarm Monitoring running on multiple client machines. The customer can then use these instances to monitor separate monitor zones within the same system [database] or to monitor zones within the same Enterprise system but different regional databases. [each Alarm Monitoring instance uses an additional client] **Note: Multi-regional monitoring is available in OnGuard 6.0 and higher without this license option. Multi-Regional monitoring is not Multiple instances of Alarm Monitoring; it instead allows for monitor zones to be created via Alarm Monitoring to monitor other regions.**	**$3,440**

OnGuard Software Options (Cont'd)

DataConduIT API -- An application programming interface that can be used from scripting languages such as VBScript and JScript to implement real time data exchange (based on business rules) between OnGuard and third-party systems such as directories (i.e. Active Directory, LDAP) and databases.

NOTE: For new applications and integrations, the newer **OpenAccess RESTful Web Services API** is strongly recommended. OpenAccess is easier to interface to, can be called through web services from other platforms such as Linux, macOS Android, IOS, etc., and provides much deeper access to OnGuard functionality than DataConduIT. See the following pages for information and pricing on the OpenAccess API.

Part #	Description	Cost
SWG-1140	DataConduIT includes one connection license, supporting documentation and scripting examples.	$4,315
SWG-OITVM	DataConduIT Visitor Management API – includes documentation and scripting examples for visitor management. **[see OAAP page for integrations www.lenel.com/oaap]**	$4,315

DataConduIT Visitor Licenses by Client

SWG-OITVM-5	DataConduIT Visitor Client support for 5 clients	$2,415
SWG-OITVM-10	DataConduIT Visitor Client support for 10 clients	$4,315
SWG-OITVM-25	DataConduIT Visitor Client support for 25 clients	$8,630
SWG-OITVM-50	DataConduIT Visitor Client support for 50 clients	$12,940

FIPS-201 and FICAM Authentication and Enrollment licenses for OnGuard

Part #	Description	Cost
SWG-1550	FIPS 201 Credential Management Integration, to enable support for integrated enrollment and authenticated reader management within OnGuard. FICAM Certified in conjunction with HID pivCLASS and Technology Industries EntryPoint Software and supported devices (sold separately). Consult your Lenel representative for details.	$5,000
SWG-AUTH-002	License to enable two (2) Authenticating readers in OnGuard. This option requires SWG-1550, along with appropriate HID pivCLASS or Technology Industries EntryPoint software and suitable readers, controllers, and additional hardware and software to create a FIPS-201 FICAM compliant solution. Consult your Lenel representative for details.	$143

OnGuard® OpenAccess Internal Integration license

The OnGuard OpenAccess Internal Interface 1-year license is for OnGuard end users that want to develop interfaces to OnGuard. This license cannot be used to develop applications or interfaces that will be resold, used to profit from services, or generate revenue. This license is also not used for any certified partners. See the OAAP Partners section of the price book for partner-specific licenses.

ORDERING INFORMATION:
A LenelS2 quote is REQUIRED for all orders that include the SKUs below. All orders require a System ID and an active LenelS2 support plan (SUSP).

These part numbers are for 1-year licenses that need to be renewed annually. These parts are added to the customer's SUSP automatically when the customer's SUSP is renewed. The first SUSP renewal for the ITM-HR-NR-xxx SKUs will be pro-rated based on the date of when the part is first ordered, so these parts align with SUSP. Subsequent SUSP renewals will have the part included without any discounts or pro-rating. Please note that SUSP quotes will change the partner prefix SKU from ITM-xxx to IT**R**-xxx to indicate this is a renewal and not a first time order.

IMPORTANT: To purchase any of the OpenAccess SKUs below (ITM-HR-NR-xxx), the Interface Document form (link below) must be filled out. This link is also used to request an evaluation license. This Interface Document must be signed by the OnGuard end user to complete the order (evaluation licenses are provided without signed documents for 90 days).

A unique application ID is required to use OpenAccess. This application ID is provided with the processing of the associated Interface Document (link below).

OpenAccess is a new web based, REST/JSON API. OpenAccess offers many performance improvements over DataConduIT (our legacy API), including support for multiple threads. OpenAccess documentation is included with OnGuard and does not require this item. If an integration is desired, but development resources are not available, the Lenel Solutions group can quote a complete turnkey solution based on OpenAccess

Please refer to the SUSP section of this price book to determine support tier and order the matching OnGuard OpenAccess Internal Integration (ITM) part number(s) below, based on system type and reader capacity. For existing systems with a SUSP, use the same tier(s) as used by your SUSP. Maximum total subscription purchase is 3 years in one order.

Interface Document (link) LenelS2 APIs Interface Document

Part #	Descriptions	Cost
	OpenAccess Internal for 32 ES Systems	
ITM-4HR-SUPPORT	4 hours of Lenel API Development Support. If engineering development support is required (beyond basic APIs configured/working/responding), then API support may be purchased in four (4) hour blocks using this part number. Once purchased, a separate email providing contact information to engineering will be provided. **WARNING**: We will communicate to customer directly the cost of this support as MSRP of $1300 - $100 mark up for processing the order. There is no reseller involvement with this service other than the processing of the order itself.	**$1,200**
ITM-HR-NR-ES	First time 12 month license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-ES support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$380**
ITR-HR-NR-ES	12 month renewal or extension for OnGuard OpenAccess Internal integration. Requires ITM-HR-NR-ES license and active SUSP-ES support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$380**
	OpenAccess HR for ADV Systems	
ITM-HR-NR-ADV	First time 1 year license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-ADV-TR-1, TR-2, or TR-3 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$550**

OnGuard OpenAccess Internal (Cont'd)

Part #	Descriptions	Cost
ITR-HR-NR-ADV	1 year renewal or extension for OnGuard OpenAccess Internal integration. Requires ITM-HR-NR-ADV license and active SUSP-ADV-TR-1, TR-2, or TR-3 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$550**

OpenAccess HR for PRO Systems

Part #	Descriptions	Cost
ITM-HR-NR-PRO-A	First time 1 year license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-PRO-TR-1 or TR-2 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$965**
ITR-HR-NR-PRO-A	1 year renewal or extension for OnGuard OpenAccess Internal integration. Requires ITM-HR-NR-PRO-A license and active SUSP-PRO-TR-1 or TR-2 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$965**
ITM-HR-NR-PRO-B	First time 1 year license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-PRO-TR-3 or TR-4 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$1,520**
ITR-HR-NR-PRO-B	1 year renewal or extension for OnGuard OpenAccess Internal integration. Requires ITM-HR-NR-PRO-B license and active SUSP-PRO-TR-3 or TR-4 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$1,520**
ITM-HR-NR-PRO-C	First time 1 year license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-PRO-TR-5 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$2,070**

OpenAccess Internal for Enterprise Systems

OnGuard OpenAccess may be purchased separately for any region and/or master in an OnGuard Enterprise system.

Part #	Descriptions	Cost
ITM-HR-NR-MAS	First time 1 year license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-ENT-MAS support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$2,070**
ITM-HR-NR-REG-A	First time 1 year license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-ENT-REG-TR-1 or TR-2 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$1,655**
ITR-HR-NR-REG-A	1 year renewal or extension for OnGuard OpenAccess Internal integration. Requires ITM-HR-NR-REG-A license and active SUSP-ENT-REG-TR-1 or TR-2 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$1,655**
ITM-HR-NR-REG-B	First time 1 year license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-ENT-REG-TR-3 or TR-4 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$1,930**
ITR-HR-NR-REG-B	1 year renewal or extension for OnGuard OpenAccess Internal integration. Requires ITM-HR-NR-REG-B license and active SUSP-ENT-REG-TR-3 or TR-4 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$1,930**
ITM-HR-NR-REG-C	First time 1 year license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-ENT-REG-TR-5 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$2,070**
ITR-HR-NR-REG-C	1 year renewal or extension for OnGuard OpenAccess Internal integration. Requires ITM-HR-NR-REG-C license and active SUSP-ENT-REG-TR-5 support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$2,070**

OpenAccess Internal for Enterprise Lite Systems

OnGuard OpenAccess may be purchased separately for any region and/or master in an OnGuard Enterprise system.

Part #	Descriptions	Cost
ITM-HR-NR-MAS-LT	First time 1 year license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-W-ENT-MAS-LT support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$1,520**
ITR-HR-NR-MAS-LT	1 year renewal or extension for OnGuard OpenAccess Internal integration. Requires ITM-HR-NR-MAS-LT license and active SUSP-W-ENT-MAS-LT support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$1,520**

OnGuard OpenAccess Internal (Cont'd)

Part #	Descriptions	Cost
ITM-HR-NR-REG-LT	First time 1 year license for OnGuard OpenAccess Internal integration. Requires OnGuard 7.3 or higher and active SUSP-W-ENT-REG-LT support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$965**
ITR-HR-NR-REG-LT	1 year renewal or extension for OnGuard OpenAccess Internal integration. Requires ITM-HR-NR-REG-LT license and active SUSP-W-ENT-REG-LT support plan. **A Lenel Quote is REQUIRED** when ordering this part.	**$965**

OnGuard® OAAP Partner Licenses

Partner interfaces that are participating in the LenelS2 partner program (OAAP) use the parts below. All parts listed in this section are billed annually and require an active LenelS2 support plan (SUSP).

ORDERING INFORMATION:
A Lenel Quote is REQUIRED for all orders that include Partner SKUs below. All orders require a system ID.

IMPORTANT:

1. You can purchase up to a maximum of 3 years in a single order. Purchasing multiple years will reduce risk of expiration and any disruption of interface services.

2. None of these parts require a separate OpenAccess (ITM-HR-NR-xxx) license.

3. These part numbers will automatically be added to the customer's SUSP when the customer's SUSP is renewed. The 1st SUSP renewal for these SKUs will be pro-rated based on the date of when the part is 1st ordered so that renewals align with SUSP. Subsequent SUSP renewals will have the part included without any discounts or pro-rating.

4. Please note that SUSP quotes will change the partner prefix SKU from IPC-xxx to IP**R**-xxx to indicate this is a renewal and not a first time order.

Part #	Description
A Lenel Quote is required when ordering any part numbers below.	
IPC-011-TYCVIC01	Tyco/Sensormatic Victor Video Integration - Lenel Quote required when ordering. [Must be ordered with an IPC-011-xxx category code from the IPC-011 Pricing Table below]. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP.
IPC-011-NWHB01	Network Harbor Lighthouse interface - Lenel Quote required when ordering. [Must be ordered with an IPC-011-xxx category code from the IPC-011 Pricing Table below]. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP.

See IPC-011 Pricing Table below

IPC-011 Pricing Table

A Lenel Quote is required when ordering from IPC-011 Pricing Table. The part numbers below correspond to the size of the system (# of readers) being ordered for a specific Partner part number above with the prefix IPC-011. DO NOT use these part numbers unless the partner code being ordered has an IPC-011 prefix. Please note, the reader counts are for the entire system. So if partner integration is on an Enterprise system, you should count the total readers for the System IDs that the partner integration is being enabled for, up to the total number of readers for the entire enterprise.

IMPORTANT: **MSRP for these Partner Integrations is readily available to OnGuard customers as part of our new Partner program**. Since these parts are based on an RMR model, the maximum recommended markup is 28% or (~22% margin). For example, a partner SKU for $1,000 VAR cost, translates to an MSRP of $1,280.

[Category Codes below must be ordered with a corresponding IPC-011 partner code above.]

Part #	Descriptions	Cost
IPC-011-32ES	Partner integration license, support, and upgrades on OnGuard 32ES system with 64 readers or less. [Must be ordered with a corresponding IPC-011 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$3,000**
IPC-011-128ADV	Partner integration license, support, and upgrades on ADV system with 256 readers or less. [Must be ordered with a corresponding IPC-011 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$4,800**
IPC-011-128	Partner integration license, support, and upgrades on Pro, Region, or Master system with 256 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$6,700**

see next page for more IPC-011 pricing

OnGuard® OAAP Partner Licenses (Cont'd)
IPC-011 Pricing Table (Cont'd)

IPC-011-256	Partner integration license, support, and upgrades on ADV, Pro, Region, or Master system with 256 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$10,300**
IPC-011-512	Partner integration license, support, and upgrades on Pro, Region, or Master system with 512 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$16,000**
IPC-011-768	Partner integration license, support, and upgrades on Pro, Region, or Master system with 768 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$20,000**
IPC-011-1024	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1024 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$24,000**
IPC-011-1536	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1536 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$29,000**
IPC-011-2048	Partner integration license, support, and upgrades on Pro, Region, or Master system with 2048 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$33,000**
IPC-011-3072	Partner integration license, support, and upgrades on Pro, Region, or Master system with 3072 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$40,000**
IPC-011-4096	Partner integration license, support, and upgrades on Pro, Region, or Master system with 4096 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$45,000**
IPC-011-5120	Partner integration license, support, and upgrades on Pro, Region, or Master system with 5120 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$50,000**
IPC-011-6144	Partner integration license, support, and upgrades on Pro, Region, or Master system with 6144 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$53,000**
IPC-011-8192	Partner integration license, support, and upgrades on Pro, Region, or Master system with 8192 readers or less. [Must be ordered with a matching IPC-011 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$58,000**
Call for pricing	Any OnGuard System with more than 8192 readers and using a Partner code prefixed by IPC-011 should call the factory for a quote.	**Call for Quote**

IPC-012 Partners

A Lenel Quote is required when ordering any part numbers below.

Part #	Descriptions	Cost
IPC-012-VIDNX01	videoNEXT Stratus Interface - Lenel Quote required when ordering. **[Must be ordered with an IPC-012-xxx category code from the IPC-012 Pricing Table below]**. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP.	

See IPC-012 Pricing Table below

OnGuard® OAAP Partner Licenses (Cont'd)
IPC-012 Pricing Table

A Lenel Quote is required when ordering from IPC-012 Pricing Table. The part numbers below correspond to the size of the system (# of readers) being ordered for a specific Partner part number above with the prefix IPC-012. DO NOT use these part numbers unless the partner code being ordered has an IPC-012 prefix. Please note, the reader counts are for the entire system. So if partner integration is on an Enterprise system, you should count the total readers for the System IDs that the partner integration is being enabled for, up to the total number of readers for the entire enterprise.

IMPORTANT: MSRP for these Partner Integrations is readily available to OnGuard customers as part of our new Partner program. Since these parts are based on an RMR model, the maximum recommended markup is 28% or (~22% margin). For example, a partner SKU for $1,000 VAR cost, translates to an MSRP of $1,280.

[Category Codes below must be ordered with a corresponding IPC-012 partner code above.]

Part #	Descriptions	Cost
IPC-012-32ES	Partner integration license, support, and upgrades on OnGuard 32ES system with 64 readers or less. [Must be ordered with a corresponding IPC-012 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$1,920
IPC-012-128	Partner integration license, support, and upgrades on Adv, Pro, Region, or Master system with 128 readers or less. [Must be ordered with a matching IPC-012 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$4,352
IPC-012-256	Partner integration license, support, and upgrades on ADV, Pro, Region, or Master system with 256 readers or less. [Must be ordered with a matching IPC-012 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$6,400
IPC-012-512	Partner integration license, support, and upgrades on Pro, Region, or Master system with 512 readers or less. [Must be ordered with a matching IPC-012 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$10,240
IPC-012-1024	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1024 readers or less. [Must be ordered with a matching IPC-012 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$15,360
IPC-012-2048A	Partner integration license, support, and upgrades on Pro, Region, or Master system with 2048 readers or less. [Must be ordered with a matching IPC-012 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$21,760
IPC-012-4096	Partner integration license, support, and upgrades on Pro, Region, or Master system with 4096 readers or less. [Must be ordered with a matching IPC-012 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$29,440
Call for pricing	Any OnGuard System with more than 8192 readers and using a Partner code prefixed by IPC-012 should call the factory for a quote.	Call for Quote

IPC-014 Partners

A Lenel Quote is required when ordering any part numbers below.

Part #	Descriptions	Cost
IPR-014-LVERH01	Live Earth Interface - Lenel Quote required when ordering. **[Must be ordered with an IPC-014-xxx category code from the IPC-014 Pricing Table below]**. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP.	

See IPC-014 Pricing Table below

OnGuard® OAAP Partner Licenses (Cont'd)
IPC-014 Pricing Table

A Lenel Quote is required when ordering from IPC-014 Pricing Table. The part numbers below correspond to the size of the system (# of readers) being ordered for a specific Partner part number above with the prefix IPC-014. DO NOT use these part numbers unless the partner code being ordered has an IPC-014 prefix. Please note, the reader counts are for the entire system. So if partner integration is on an Enterprise system, you should count the total readers for the System IDs that the partner integration is being enabled for, up to the total number of readers for the entire enterprise.

IMPORTANT: MSRP for these Partner Integrations is readily available to OnGuard customers as part of our new Partner program. Since these parts are based on an RMR model, the maximum recommended markup is 28% or (~22% margin). For example, a partner SKU for $1,000 VAR cost, translates to an MSRP of $1,280.
[Category Codes below must be ordered with a corresponding IPC-014 partner code above.]

Part #	Descriptions	Cost
IPC-014-32ES	Partner integration license, support, and upgrades on OnGuard 32ES system with 64 readers or less. [Must be ordered with a corresponding IPC-014 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$1,664
IPC-014-128	Partner integration license, support, and upgrades on Adv, Pro, Region, or Master system with 128 readers or less. [Must be ordered with a matching IPC-014 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$3,840
IPC-014-256	Partner integration license, support, and upgrades on ADV, Pro, Region, or Master system with 256 readers or less. [Must be ordered with a matching IPC-014 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$5,760
IPC-014-512	Partner integration license, support, and upgrades on Pro, Region, or Master system with 512 readers or less. [Must be ordered with a matching IPC-014 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$8,960
IPC-014-1024	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1024 readers or less. [Must be ordered with a matching IPC-014 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$13,440
IPC-014-2048	Partner integration license, support, and upgrades on Pro, Region, or Master system with 2048 readers or less. [Must be ordered with a matching IPC-014 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$19,200
IPC-014-4096	Partner integration license, support, and upgrades on Pro, Region, or Master system with 4096 readers or less. [Must be ordered with a matching IPC-014 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$25,600
Call for pricing	Any OnGuard System with more than 8192 readers and using a Partner code prefixed by IPC-014 should call the factory for a quote.	Call for Quote

IPC-021 Partners

A Lenel Quote is required when ordering any part numbers below.

Part #	Descriptions	Cost
IPC-021-ITSF01	Intellisoft AirportICE Integration - Lenel Quote required when ordering. **[Must be ordered with an IPC-021-xxx category code from the IPC-021 Pricing Table below]**. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP	
IPC-021-QBIC01	QBIC AG QAccess Integration - Lenel Quote required when ordering. **[Must be ordered with an IPC-021-xxx category code from the IPC-021 Pricing Table below]**. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP	
IPC-021-QNTM01	HID Quantum Secure SAFE Integration - Lenel Quote required when ordering. **[Must be ordered with an IPC-021-xxx category code from the IPC-021 Pricing Table below]**. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP	

See IPC-021 Pricing Table below

OnGuard® OAAP Partner Licenses (Cont'd)
IPC-021 Pricing Table

A Lenel Quote is required when ordering from IPC-021 Pricing Table. The part numbers below correspond to the size of the system (# of readers) being ordered for a specific Partner part number above with the prefix IPC-021. DO NOT use these part numbers unless the partner code being ordered has an IPC-021 prefix. Please note, the reader counts are for the entire system. So if partner integration is on an Enterprise system, you should count the total readers for the System IDs that the partner integration is being enabled for, up to the total number of readers for the entire enterprise.

IMPORTANT: MSRP for these Partner Integrations is readily available to OnGuard customers as part of our new Partner program. Since these parts are based on an RMR model, the maximum recommended markup is 28% or (~22% margin). For example, a partner SKU for $1,000 VAR cost, translates to an MSRP of $1,280.

[Category Codes below must be ordered with a corresponding IPC-021 partner code above.]

Part #	Descriptions	Cost
IPC-021-32ES	Partner integration license, support, and upgrades on OnGuard 32ES system with 64 readers or less. [Must be ordered with a corresponding IPC-021 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$1,965
IPC-021-128ADV	Partner integration license, support, and upgrades on ADV system with 256 readers or less. [Must be ordered with a corresponding IPC-021 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$3,105
IPC-021-128	Partner integration license, support, and upgrades on Pro, Region, or Master system with 128 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$4,445
IPC-021-256	Partner integration license, support, and upgrades on ADV, Pro, Region, or Master system with 256 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$6,725
IPC-021-512	Partner integration license, support, and upgrades on Pro, Region, or Master system with 512 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$10,350
IPC-021-768	Partner integration license, support, and upgrades on Pro, Region, or Master system with 768 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$13,455
IPC-021-1024	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1024 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$15,525
IPC-021-1536	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1536 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$19,665
IPC-021-2048	Partner integration license, support, and upgrades on Pro, Region, or Master system with 2048 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$23,805
IPC-021-3072	Partner integration license, support, and upgrades on Pro, Region, or Master system with 3072 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$28,980
IPC-021-4096	Partner integration license, support, and upgrades on Pro, Region, or Master system with 4096 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$33,120
IPC-021-5120	Partner integration license, support, and upgrades on Pro, Region, or Master system with 5120 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$37,260
IPC-021-6144	Partner integration license, support, and upgrades on Pro, Region, or Master system with 6144 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$39,330
IPC-021-8192	Partner integration license, support, and upgrades on Pro, Region, or Master system with 8192 readers or less. [Must be ordered with a matching IPC-021 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$44,505
Call for pricing	Any OnGuard System with more than 8192 readers and using a Partner code prefixed by IPC-021 should call the factory for a quote.	Call for Quote

OnGuard® OAAP Partner Licenses (Cont'd)
IPC-042 Partners

A Lenel Quote is required when ordering any part numbers below.

Part #	Descriptions	Cost
IPC-042-ARES01	Ares Security Corporation CommandBridge interface - Lenel Quote required when ordering. **[Must be ordered with an IPC-042-xxx category code from the IPC-042 Pricing Table below]**. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP.	
IPC-042-SIS01	Security Information Systems Alarm Center Dispatch- Lenel Quote required when ordering. **[Must be ordered with an IPC-042-xxx category code from the IPC-042 Pricing Table below]**. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP.	

See IPC-042 Pricing Table below

IPC-042 Pricing Table

A Lenel Quote is required when ordering from IPC-042 Pricing Table. The part numbers below correspond to the size of the system (# of readers) being ordered for a specific Partner part number above with the prefix IPC-042. DO NOT use these part numbers unless the partner code being ordered has an IPC-042 prefix. Please note, the reader counts are for the entire system. So if partner integration is on an Enterprise system, you should count the total readers for the System IDs that the partner integration is being enabled for, up to the total number of readers for the entire enterprise.

IMPORTANT: MSRP for these Partner Integrations is readily available to OnGuard customers as part of our new Partner program. Since these parts are based on an RMR model, the maximum recommended markup is 28% or (~22% margin). For example, a partner SKU for $1,000 VAR cost, translates to an MSRP of $1,280.

[Category Codes below must be ordered with a corresponding IPC-042 partner code above.]

Part #	Descriptions	Cost
IPC-042-32ES	Partner integration license, support, and upgrades on OnGuard 32ES system with 64 readers or less. [Must be ordered with a corresponding IPC-042 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$1,240**
IPC-042-128ADV	Partner integration license, support, and upgrades on ADV system with 256 readers or less. [Must be ordered with a corresponding IPC-042 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$1,965**
IPC-042-128	Partner integration license, support, and upgrades on Pro, Region, or Master system with 128 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$2,785**
IPC-042-256	Partner integration license, support, and upgrades on ADV, Pro, Region, or Master system with 256 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$4,235**
IPC-042-512	Partner integration license, support, and upgrades on Pro, Region, or Master system with 512 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$6,620**
IPC-042-768	Partner integration license, support, and upgrades on Pro, Region, or Master system with 768 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$8,480**
IPC-042-1024	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1024 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$9,925**
IPC-042-1536	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1536 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$12,420**
IPC-042-2048	Partner integration license, support, and upgrades on Pro, Region, or Master system with 2048 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$14,490**
IPC-042-3072	Partner integration license, support, and upgrades on Pro, Region, or Master system with 3072 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$18,630**

OnGuard® OAAP Partner Licenses (Cont'd)
IPC-042 Pricing Table (Cont'd)

IPC-042-4096	Partner integration license, support, and upgrades on Pro, Region, or Master system with 4096 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$20,700**
IPC-042-5120	Partner integration license, support, and upgrades on Pro, Region, or Master system with 5120 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$22,770**
IPC-042-6144	Partner integration license, support, and upgrades on Pro, Region, or Master system with 6144 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$24,840**
IPC-042-8192	Partner integration license, support, and upgrades on Pro, Region, or Master system with 8192 readers or less. [Must be ordered with a matching IPC-042 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$27,945**
Call for pricing	Any OnGuard System with more than 8192 readers and using a Partner code prefixed by IPC-042 should call the factory for a quote.	**Call For Quote**

IPC-052 Partners

A Lenel Quote is required when ordering any part numbers below.

Part #	Descriptions	Cost
IPC-052-PXYCL01	proxyclick Integration - Lenel Quote required when ordering. **[Must be ordered with an IPC-052-xxx category code from the IPC-052 Pricing Table below]**. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP	
IPC-052-SMSPC01	D2 Interactive Smartspaces interface - Lenel Quote required when ordering. **[Must be ordered with an IPC-052-xxx category code from the IPC-052 Pricing Table below]**. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP	
IPC-052-TNGST01	Traction Guest Visitor interface - Lenel Quote required when ordering. **[Must be ordered with an IPC-052-xxx category code from the IPC-052 Pricing Table below].** Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP	

See IPC-052 Pricing Table below

IPC-052 Pricing Table

A Lenel Quote is required when ordering from IPC-052 Pricing Table. The part numbers below correspond to the size of the system (# of readers) being ordered for a specific Partner part number above with the prefix IPC-052. DO NOT use these part numbers unless the partner code being ordered has an IPC-052 prefix. Please note, the reader counts are for the entire system. So if partner integration is on an Enterprise system, you should count the total readers for the System IDs that the partner integration is being enabled for, up to the total number of readers for the entire enterprise.

IMPORTANT: MSRP for these Partner Integrations is readily available to OnGuard customers as part of our new Partner program. Since these parts are based on an RMR model, the maximum recommended markup is 28% or (~22% margin). For example, a partner SKU for $1,000 VAR cost, translates to an MSRP of $1,280.

[Category Codes below must be ordered with a corresponding IPC-052 partner code above.]

Part #	Descriptions	Cost
IPC-052-32ES	Partner integration license, support, and upgrades on OnGuard 32ES system with 64 readers or less. [Must be ordered with a corresponding IPC-052 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$384**
IPC-052-128ADV	Partner integration license, support, and upgrades on ADV system with 256 readers or less. [Must be ordered with a corresponding IPC-052 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$640**
IPC-052-128	Partner integration license, support, and upgrades on Pro, Region, or Master system with 128 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$1,024**

see next page for more IPC-052 pricing

OnGuard® OAAP Partner Licenses (Cont'd)
IPC-052 Pricing Table

IPC-052-256	Partner integration license, support, and upgrades on ADV, Pro, Region, or Master system with 256 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$1,408**
IPC-052-512	Partner integration license, support, and upgrades on Pro, Region, or Master system with 512 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$1,664**
IPC-052-768	Partner integration license, support, and upgrades on Pro, Region, or Master system with 768 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$1,792**
IPC-052-1024	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1024 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$2,304**
IPC-052-1536	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1536 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$2,944**
IPC-052-2048	Partner integration license, support, and upgrades on Pro, Region, or Master system with 2048 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$3,584**
IPC-052-3072	Partner integration license, support, and upgrades on Pro, Region, or Master system with 3072 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$4,608**
IPC-052-4096	Partner integration license, support, and upgrades on Pro, Region, or Master system with 4096 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$5,376**
IPC-052-5120	Partner integration license, support, and upgrades on Pro, Region, or Master system with 5120 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$6,016**
IPC-052-6144	Partner integration license, support, and upgrades on Pro, Region, or Master system with 6144 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$6,528**
IPC-052-8192	Partner integration license, support, and upgrades on Pro, Region, or Master system with 8192 readers or less. [Must be ordered with a matching IPC-052 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	**$7,296**
Call for pricing	Any OnGuard System with more than 8192 readers and using a Partner code prefixed by IPC-052 should call the factory for a quote.	**Call For Quote**

IPC-111 Partners

A Lenel Quote is required when ordering any part numbers below.

Part #	**Descriptions**	**Cost**
IPC-111-SAVC01	Savance EIOBoard Interface - Lenel Quote required when ordering. **[Must be ordered with an IPC-111-xxx category code from the IPC-111 Pricing Table below]**. Active SUSP required and this is automatically added to renewals going forward. 1st year renewal will be pro-rated to align with SUSP	

See IPC-111 Pricing Table below

OnGuard® OAAP Partner Licenses (Cont'd)
IPC-111 Pricing Table

A Lenel Quote is required when ordering from IPC-111 Pricing Table. The part numbers below correspond to the size of the system (# of readers) being ordered for a specific Partner part number above with the prefix IPC-111. DO NOT use these part numbers unless the partner code being ordered has an IPC-111 prefix. Please note, the reader counts are for the entire system. So if partner integration is on an Enterprise system, you should count the total readers for the System IDs that the partner integration is being enabled for, up to the total number of readers for the entire enterprise.

IMPORTANT: MSRP for these Partner Integrations is readily available to OnGuard customers as part of our new Partner program. Since these parts are based on an RMR model, the maximum recommended markup is 28% or (~22% margin). For example, a partner SKU for $1,000 VAR cost, translates to an MSRP of $1,280.

[Category Codes below must be ordered with a corresponding IPC-111 partner code above.]

Part #	Descriptions	Cost
IPC-111-032	Partner integration license, support, and upgrades on OnGuard 32ES system with 32 readers or less. [Must be ordered with a corresponding IPC-111 partner code SKU above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$512
IPC-111-064	Partner integration license, support, and upgrades on 32ES, Adv 64 readers or less. [Must be ordered with a matching IPC-111 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$1,024
IPC-111-128	Partner integration license, support, and upgrades on Pro, Region, or Master system with 128 readers or less. [Must be ordered with a matching IPC-111 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$1,792
IPC-111-256	Partner integration license, support, and upgrades on ADV, Pro, Region, or Master system with 256 readers or less. [Must be ordered with a matching IPC-111 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$2,176
IPC-111-512	Partner integration license, support, and upgrades on Pro, Region, or Master system with 512 readers or less. [Must be ordered with a matching IPC-111 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$2,560
IPC-111-768	Partner integration license, support, and upgrades on Pro, Region, or Master system with 768 readers or less. [Must be ordered with a matching IPC-111 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$2,944
IPC-111-1024	Partner integration license, support, and upgrades on Pro, Region, or Master system with 1024 readers or less. [Must be ordered with a matching IPC-111 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$3,968
IPC-111-2048	Partner integration license, support, and upgrades on Pro, Region, or Master system with 2048 readers or less. [Must be ordered with a matching IPC-111 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$6,016
IPC-111-4096	Partner integration license, support, and upgrades on Pro, Region, or Master system with 4096 readers or less. [Must be ordered with a matching IPC-111 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$8,960
IPC-111-8192	Partner integration license, support, and upgrades on Pro, Region, or Master system with 8192 readers or less. [Must be ordered with a matching IPC-111 partner code above.] This is automatically added to SUSP annually w/ the 1st renewal pro-rated.	$12,032
Call for pricing	Any OnGuard System with more than 8192 readers and using a Partner code prefixed by IPC-111 should call the factory for a quote.	Call for Quote

AllGoVision

A Lenel Quote is required when ordering Detrios part numbers.

IPC-096-ALGO01-B	AllGoVision Alarm Center Partner base integration 1 year license and support on any OnGuard system. [This is the integration license that must be ordered for the first **10** readers being used by AllGoVision Alarm Center. Additional readers can be purchased using IPC-	$750
IPC-096-ALGO01-10	AllGoVision Alarm Center Partner integration 1 year license and support for an additional **10** readers used by Alarm Center. This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	$250

OnGuard® OAAP Partner Licenses (Cont'd)
Automated Logics Corporation (ALC)

Part #	Descriptions	Cost
A Lenel Quote is required when ordering Automated Logics Corporation (ALC) part numbers.		
IPC-081-ALC01-B	Automated Logics Corporation WebCTRL integration 1 year license and support on any OnGuard system. [This is the integration license that must be ordered for the first 10 devices being monitored by the integration. Additional devices can be purchased using IPC-081-10]. This is automatically added to the required SUSP annually with the first renewal pro-rated.	**$768**
IPC-081-10	1 year license and support for an additional 10 devices to be monitored by WebCTRL. This is automatically added to the required SUSP annually with the first renewal pro-rated.	**$128**

Certipath (Use these Part Numbers when Certipath software is not purchased through LenelS2)

Part #	Descriptions	Cost
A Lenel Quote is required when ordering Certipath part numbers.		
IPC-054-CRTP-B	Certipath Trusted Visitor 1 year license and support on any OnGuard system for 1st 1000 users. [This is the integration license that must be ordered for the first 1000 Trusted Visitor users. Additional users can be purchased using IPC-054-1000]. This is automatically added to the required SUSP annually with the first renewal pro-rated.	**$1,920**
IPC-054-1000	1 year license and support for an additional 1000 Trusted Visitor users. This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$512**

Deister

Part #	Descriptions	Cost
A Lenel Quote is required when ordering Deister part numbers.		
IPC-031-DEIST01-B	Deister proxSafe 1 year base integration license on any OnGuard system. **[This is the integration license that must be ordered for the first 100 readers being monitored. Additional DAX reader licenses can be purchased using IPC-303-25]** This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$768**
IPC-031-050	Keys/Units Partner integration 1 year license and support for an additional 50 Keys/Units by any IPC-031-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$102**

Detrios

Part #	Descriptions	Cost
A Lenel Quote is required when ordering Detrios part numbers.		
IPC-303-DETR01-B	Detrios DAX 1 year base integration license on any OnGuard system. **[This is the integration license that must be ordered for the first 100 readers being monitored. Additional DAX reader licenses can be purchased using IPC-303-25]** This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$736**
IPC-303-25	Reader/Device Partner integration 1 year license and support for an additional 25 readers monitored by any IPC-303-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$97**

Digitus Biometrics

Part #	Descriptions	Cost
A Lenel Quote is required when ordering Digitus Biometrics part numbers.		
IPC-094-DIGBI01-B	Digitus Biometrics DAS-SQL 1 year base integration license on any OnGuard system. **[This is the integration license that must be ordered for the first 10 Digitus Biometric readers. Additional Digitus Biometric reader licenses can be purchased using IPC-094-10]** This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$736**
IPC-094-10	Reader/Device Partner integration 1 year license and support for an additional 10 readers/devices used by any IPC-094-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$250**

OnGuard® OAAP Partner Licenses (Cont'd)

Part #	Descriptions	Cost
Entrust Datacard		
A Lenel Quote is required when ordering Entrust Datacard part numbers.		
IPC-025-ETRST01-B	Entrust Datacard TruCredential 1 year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the 1st Entrust Datacard printer used with TruCredential. Additional TruCredential printer licenses can be purchased using IPC-025-01] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$512**
IPC-025-01	Printer/Device Partner integration 1 year license and support for an additional 1 printer/device used by any IPC-025-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$326**

HIKVision Facial Readers

A Lenel Quote is required when ordering HIKVision part numbers.

Part #	Descriptions	Cost
IPC-094-HIK01-B	HIKVision DS-K5603 1 year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first 10 HIKVision DS-K5603-Z readers. Additional DS-K5603-Z reader licenses can be purchased using IPC-094-10] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$736**
IPC-094-10	Reader/Device Partner integration 1 year license and support for an additional 10 readers/devices used by any IPC-094-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$250**

Idemia MorphoTrak

A Lenel Quote is required when ordering Idemia part numbers.

Part #	Descriptions	Cost
IPC-094-MRPHO01-B	Idemia MorphoTrak 1 year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first 10 MorphoTrak readers. Additional MorphoTrak reader licenses can be purchased using IPC-094-10] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$736**
IPC-094-10	Reader/Device Partner integration 1 year license and support for an additional 10 readers/devices used by any IPC-094-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$250**

Identity One

A Lenel Quote is required when ordering Identity One part numbers.

Part #	Descriptions	Cost
IPC-094-IDONE01-B	Identity One TWIClink 1 year integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first 10 TWIClink readers. Additional Identity One TWIClink reader licenses can be purchased using IPC-094-10]. This is automatically added to the required SUSP annually with the first renewal pro-rated.	**$750**
IPC-094-10	Reader/Device Partner integration 1 year license and support for an additional 10 readers/devices used by any IPC-094-xxx partner. This is automatically added to the required SUSP annually with the first renewal pro-rated.	**$250**

ievo

A Lenel Quote is required when ordering ievo part numbers.

Part #	Descriptions	Cost
IPC-094-IEVO01-B	ievo Rev4 1 year integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first 10 Rev4 readers. Additional Rev4 reader licenses can be purchased using IPC-094-10]. This is automatically added to the required SUSP annually with the first renewal pro-rated.	**$750**
IPC-094-10	Reader/Device Partner integration 1 year license and support for an additional 10 readers/devices used by any IPC-094-xxx partner. This is automatically added to the required SUSP annually with the first renewal pro-rated.	**$250**

OnGuard® OAAP Partner Licenses (Cont'd)

KEMAS

Part #	Descriptions	Cost
A Lenel Quote is required when ordering KEMAS part numbers.		
IPC-035-KEMAS01-B	KEMAS NET 1 year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first 10 depots includes first 10 Depots (not hardware units but addressable depots). Additional depot licenses can be purchased using IPC-035-10] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$768**
IPC-035-010	Depot Partner integration 1 year license and support for an additional 10 depots (not hardware units but addressable depots so 2 KEMAS units with 15 depots each, requires 3x of this part). This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$224**

Milestone Xprotect

A Lenel Quote is required when ordering from ITM-MLST-xxx part numbers.		
IPC-311-MLST01	Milestone XProtect Video Partner base integration license and support on any OnGuard system. **[This is the integration license that must be ordered for any Milestone XProtect integration that is not ordered as a kit using ML-OGINT-xxx.]** This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**Call For Quote**

MOBSS Mobile Security Solutions Mobile Readers

A Lenel Quote is required when ordering MoBss part numbers.		
IPC-098-MOBS01-B	MOBSS Precog commandCenter mobile reader 1 year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first **3** MOBSS readers. Additional MOBSS reader licenses can be purchased using IPC-098-01] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$736**
IPC-098-01	Reader/Device Partner integration 1 year license and support for an additional **1** readers/devices used by any IPC-098-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$128**

Princeton Identity

A Lenel Quote is required when ordering Princeton Identity part numbers.		
IPC-094-PRNID01-B	Princeton Identity IOM Access Control Product Suite base integration license and support on any OnGuard system. **[This is the integration license that must be ordered for the first 10 Princeton Identity readers. Additional Princeton Identity reader licenses can be purchased using IPC-094-10]** This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$740**
IPC-094-10	Reader/Device Partner integration 1 year license and support for an additional 10 readers/devices used by any IPC-094-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$250**

SekureID Xenio Smart (Controller-Less) Devices

A LenelS2 Quote is required when ordering SekureID part numbers.		
IPC-093-SEKUR01-B	SekureID Xenio Smart Devices - Controller-less (does not require OnGuard ISC or reader board) 1-year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first 10 SekureID Xenio devices/units. Additional devices/units can be purchased using IPC-093-05]. This is automatically added to the required SUSP annually w/ the first renewal pro-rated.	**$1,024**
IPC-093-05	Partner integration 1-year license and support for an additional **5** devices/units used by any IPC-093-xxx partner. This is automatically added to the required SUSP annually with the first renewal pro-rated.	**$320**

OnGuard® OAAP Partner Licenses (Cont'd)

Smart Media Innovations (SMI)

Part #	Descriptions	Cost
A LenelS2 Quote is required when ordering Smart Media Innovations (SMI) part numbers.		
IPC-098-SMI01-B	SMI MobileID 1-year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first **3** SMI mobile devices. Additional devices/units can be purchased using IPC-098-01]. This is automatically added to the required SUSP annually, with the first renewal pro-rated.	$736
IPC-098-01	Reader/Mobile/Device Partner integration 1-year license and support for an additional **1** reader/mobile devices used by any IPC-098-xxx partner. This is automatically added to the required SUSP annually, with the first renewal pro-rated.	$128

Soloinsight Visitor Management

A Lenel Quote is required when ordering Soloinsight part numbers.

IPC-051-SOLO01-B	Soloinsight CloudGate Visitor Management 1 year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first 10 devices/units being used by Soloinsight CloudGate Visitor. Additional devices/units can be purchased using IPC-051-010] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	$1,610
IPC-051-010	Partner integration 1 year license and support for an additional 10 devices/units used by any IPC-051-xxx partner. This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	$1,160

SPLAN Visitor Management

A Lenel Quote is required when ordering SPLAN part numbers.

IPC-051-SPLN01-B	SPLAN Visitor Management 1 year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first 10 devices/lobby being used by SPLAN Visitor. Additional devices/lobby units can be purchased using IPC-051-010] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	$1,610
IPC-051-010	Partner integration 1 year license and support for an additional 10 devices/units used by any IPC-051-xxx partner. This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	$1,160

Stone Lock Biometric Readers

A Lenel Quote is required when ordering Stone Lock part numbers.

IPC-094-STNLK01-B	Stone Lock 1 year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first **10** Stone Lock biometric readers. Additional Stone Lock biometric reader licenses can be purchased using IPC-094-10] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	$736
IPC-094-10	Reader/Device Partner integration 1 year license and support for an additional 10 readers/devices used by any IPC-094-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	$250

Telaeris

A Lenel Quote is required when ordering Telaeris part numbers.

IPC-098-TELRS01-B	Telaeris XPressEntry 1 year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first 3 Telaeris mobile devices. Additional devices/units can be purchased using IPC-098-01] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	$736
IPC-098-01	Reader/Device Partner integration 1 year license and support for an additional **1** readers/devices used by any IPC-098-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	$128

OnGuard® OAAP Partner Licenses (Cont'd)

Umbo Computer Vision

Part #	Descriptions	Cost
A Lenel Quote is required when ordering Umbo Computer Vision part numbers.		
IPC-096-UMBO01-B	Umbo Computer Vision Umbo Light 1 year base integration license and support on any OnGuard system. [This is the integration license that must be ordered for the first 10 readers/doors being monitored by Umbo Light. Additional devices/units can be purchased using IPC-096-010] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$704**
IPC-096-010	Partner integration 1 year license and support for an additional 10 devices/units used by any IPC-096-xxx partner. This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$256**

VisionLabs

Part #	Descriptions	Cost
A Lenel Quote is required when ordering VisionLabs part numbers.		
IPC-094-VLAB01-B	VisionLabs 1 year base integration license and support on any OnGuard system. [This integration license must be ordered for the first **10** VisionLabs biometric readers. Additional VisionLabs biometric reader licenses can be purchased using IPC-094-10] This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$736**
IPC-094-10	Reader/Device Partner integration 1 year license and support for an additional 10 readers/devices used by any IPC-094-xxx partner This is automatically added to the required SUSP annually w/ the 1st renewal pro-rated.	**$250**

OnGuard ® *Browser-based Client Bundle*

This bundle includes one seat each of the OnGuard Monitor and OnGuard Credentials clients. OnGuard now supports new browser-based clients. These clients can be accessed from any device with a supported web browser, and allow access without the installation of client software. The browser-based clients are licensed on a per-concurrent-seat basis per OnGuard server. This license can be added to a 32ES, ADV, PRO, or Enterprise system.

NOTE: OnGuard browser-based clients are supported for all OnGuard systems as described in the Compatibility Charts. OnGuard client licenses may be purchased separately for any region and/or master in an OnGuard Enterprise system based on Customer's intended usage.

OnGuard Credentials is an easy-to-use web-based cardholder management client designed to allow many of your OnGuard users to have the ability to manage the basic properties of a cardholder from an 'installation-free' workstation. Credentials allows management of the Personal Details (along with User-defined pages and fields), Badge, and Access Level assignment components of a cardholder record, as well as directly issuing a mobile credential or printing a badge to an OnGuard workstation.

OnGuard Monitor is an easy-to-use browser-based lightweight alarm, event, and video management client designed to provide OnGuard users with the ability to view and manage alarms from an 'installation-free' workstation. OnGuard Monitor enables viewing live and historical events, responding to alarms, verification of cardholder with photos as access is granted, viewing of hardware tree, and limited control of Lenel access hardware. It also allows viewing of live and recorded video from Lenel NVR's, enhancing situational awareness.

IMPORTANT: OnGuard Credentials and OnGuard Monitor clients are intended as lightweight solutions for on-the-go, remote site or office, and casual users, and are not complete replacements for OnGuard ID CredentialCenter and OnGuard Alarm Monitoring for all applications. Consult your LenelS2 representative to determine where each should be used.

Part #	Descriptions	Cost
	OnGuard Browser client bundle for 32 ES Systems	
OCB-A-ES-1	Non-expiring license for one seat of OnGuard Credentials Client and one seat of OnGuard Monitor client for OnGuard 32ES systems only. Requires OnGuard 7.3 or higher for Credentials client, 7.4 or higher for monitor client.	**$259**
	OnGuard Browser client bundle for ADV Systems	
OCB-A-ADV-1	Non-expiring license for one seat of OnGuard Credentials Client and one seat of OnGuard Monitor client for OnGuard ADV systems only. Requires OnGuard 7.3 or higher for Credentials client, 7.4 or higher for monitor client.	**$3,325**
	OnGuard Browser client bundle for PRO/ENT Systems	
OCB-A-PROENT-1	Non-expiring license for one seat of OnGuard Credentials Client and one seat of OnGuard Monitor client for OnGuard PRO and Enterprise systems only. Requires OnGuard 7.3 or higher for Credentials client, 7.4 or higher for monitor client.	**$3,325**

OnGuard® Surveillance Client - Browser Video Surveillance

OnGuard Surveillance is an easy-to-use browser-based lightweight video viewing client designed to allow many of your OnGuard users to have the ability to view video from an 'installation-free' workstation. OnGuard Surveillance allows viewing live and recorded video stored on a Lenel NVR.

IMPORTANT: OnGuard Surveillance is intended as a lightweight video viewing solution for on-the-go and casual users. It is not a replacement of the OnGuard Video Management client, which allows full video management and includes many other features suitable for security operations centers. Consult your LenelS2 representative to determine where each should be used.

SPECIAL PROMOTION: NON-EXPIRING LICENSES OF ONGUARD SURVEILLANCE V1.0 CLIENT AVAILABLE FREE OF CHARGE UNTIL JUNE 30, 2020. CUSTOMERS WITH A SUSP PLAN WILL BE ENTITLED TO FREE UPGRADES TO SUBSEQUENT VERSIONS OF ONGUARD SURVEILLANCE.

Part #	Descriptions	Cost
	OnGuard® Surveillance Client for 32 ES Systems	
OCP-OSV-E-1	Non-expiring license for OnGuard Surveillance client for 32ES systems only. One required per concurrent client seat. Requires OnGuard / LNVR 7.5 or higher. - **Free license offer expires on June 30, 2020**	**No Charge**
	OnGuard® Surveillance Client for all other OnGuard Systems	
OCP-OSV-1	Non-expiring license for OnGuard Surveillance client. One required per concurrent client seat. Ordering this item increases the licensed client count by one. Requires OnGuard 7.5/LNVR or higher. **- Free license offer expires on June 30, 2020**	**No Charge**

OnGuard® Access Manager - Browser Access Rights Management client

The OnGuard Access Manager client is an easy-to-use browser-based lightweight access rights management client designed to provide OnGuard users with the ability to manage access level assignments for their employees from an 'installation-free' workstation. OnGuard Access Manager also allows processing of automated access request workflows from the Cardholder Self Service web module (purchased separately).

	OnGuard Access Manager client for all OnGuard Systems	
OCP-AMC-1	Non-expiring license for OnGuard Access Manager client. One required per concurrent client seat. Ordering this item increases the licensed client count by one. Requires OnGuard 7.4 or higher.	**$690**

Browser Client License Upgrades

For OnGuard customers converting from OnGuard ES System to ADV, PRO, or ENT, the Client licenses must be upgraded also. ALL client licenses must be upgraded as part of the system upgrade.

UPC-OCBE2OCBA	Upgrade OCB-A-ES-1 to OCB-A-ADV-1 when upgrading from 32ES to ADV OnGuard system. One required for each existing OCB-A-ES-1 license	**$3,066**
UPC-OCBE2OCBP	Upgrade OCB-A-ES-1 to OCB-A-PROENT-1 when upgrading from 32ES to PRO or ENT OnGuard system. One required for each existing OCB-A-ES-1 license	**$3,066**
UPC-OCBA2OCBP	Upgrade OCB-A-ADV-1 to OCB-A-PROENT-1 when upgrading from ADV to PRO or ENT OnGuard system. One required for each existing OCB-A-ADV-1 license	**No Charge**

Conversion of Windows Client Licenses to Browser Client Licenses

For OnGuard customers wishing to convert some of their OnGuard Windows client licenses to the new browser client bundles. (OnGuard version 7.4 and up), LenelS2 will allow the following licenses to be converted on a 1:1 basis from Windows Client licenses to Browser Client licenses. Note that once licenses are converted, they CANNOT be converted back to Windows Client licenses. Therefore, we recommend only converting a portion of your licenses until you determine the correct mix of Windows and browser clients for your application.

CON-SWCE2OCBE	Convert one OnGuard 32ES Windows client license (SWC-32ES, SWC-32ESI, or SWC-IDES) to one OnGuard Browser Client Bundle (OCB-A-ES-1). Note: Conversion cannot be reversed. Please ensure the browser clients meet the needs of the application.	**No Charge**
CON-SWCA2OCBA	Convert one OnGuard ADV/PRO Windows client license (SWC-ADV, SWC-ADVI, SWC-IDADV) to one OnGuard Browser Client Bundle (OCB-A-ADV-1) for Onguard ADV Systems only (Not for PRO or ENT Systems). Note: Conversion cannot be reversed. Please ensure the browser clients meet the needs of the application	**No Charge**
CON-SWCA2OCBP	Convert one OnGuard ADV/PRO Windows client license (SWC-ADV, SWC-ADVI, SWC-IDADV) to one OnGuard Browser Client Bundle (OCB-A-PROENT-1) for Onguard PRO or ENT Systems only (Not for ADV Systems). Note: Conversion cannot be reversed. Please ensure the browser clients meet the needs of the application.	**No Charge**
CON-AAM2AMC	Client License Count (1 Client Seat) Conversion of Area Access Manager windows client license to OnGuard Access Manager browser-based client (OCP-AMC-1).	**No Charge**

Mobile Credential Issuance in OnGuard®

This annual license allows seamless issuance of HID® Mobile Access credentials from within OnGuard. With this option, credentials can be issued for these solutions from standard OnGuard interfaces and without duplicate data entry in the manufacturer's web portal, speeding issuance while avoiding data entry errors.

NOTES:

a) These part numbers do not include the mobile credentials themselves, only the integrated issuance.

b) This license is not required for LenelS2 BlueDiamond Mobile credential issuance.

Prerequisites:

1) Account for purchase of mobile credentials and readers (API Login and Account access to the credential service required).

2) Web connectivity from the OnGuard client to the internet when credentials are to be issued from an OnGuard Windows Client.

3) Web connectivity from the OnGuard server to the internet when credentials are to be issued from the OnGuard Credentials web client.

ORDERING INFORMATION:

For new systems, refer to the SUSP section of this price book to determine support tier, then order the matching Mobile Credential Issuance (MCI) part number(s) below, based on system type and reader capacity. For existing systems with a SUSP, use the same tier(s) as used by your SUSP. Maximum total subscription purchase is 3 years.

Part #	Descriptions	Cost
	Mobile Credential Issuance for 32 ES Systems	
SSM-MCI-ES	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-W-ES support plan.	**$265**
SSR-MCI-ES	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-ES license and active SUSP-W-ES support plan.	**$265**
	Mobile Credential Issuance for ADV Systems	
SSM-MCI-ADV	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-ADV-TR-1, TR-2, Or TR-3 support plan.	**$390**
SSR-MCI-ADV	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-ADV license and active SUSP-ADV-TR-1, TR-2, Or TR-3 support	**$390**
	Mobile Credential Issuance for PRO Systems	
SSM-MCI-PRO-A	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-PRO-TR-1 or TR-2 support plan.	**$735**
SSR-MCI-PRO-A	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-PRO-A license and active SUSP-PRO-TR-1 or TR-2 support plan.	**$735**
SSM-MCI-PRO-B	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-PRO-TR-3 or TR-4 support plan.	**$2,335**
SSR-MCI-PRO-B	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-PRO-B license and active SUSP-PRO-TR-3 or TR-4 support plan.	**$2,335**
SSM-MCI-PRO-C	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-PRO-TR-5 support plan.	**$5,795**
SSR-MCI-PRO-C	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-PRO-C license and active SUSP-PRO-TR-5 support plan.	**$5,795**

Mobile Credential Issuance (Cont'd)

Part #	Descriptions	Cost

Mobile Credential Issuance for Enterprise Systems

Mobile Credential Issuance may be purchased separately for any region and/or master in an OnGuard Enterprise system.

Part #	Descriptions	Cost
SSM-MCI-MAS	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-ENT-MAS support plan.	**$6,185**
SSR-MCI-MAS	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-MAS license and active SUSP-ENT-MAS support plan.	**$6,185**
SSM-MCI-REG-A	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-ENT-REG-TR-1 or TR-2 support plan.	**$635**
SSR-MCI-REG-A	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-REG-A license and active SUSP-ENT-REG-TR-1 or TR-2 support	**$635**
SSM-MCI-REG-B	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-ENT-REG-TR-3 or TR-4 support plan.	**$1,490**
SSR-MCI-REG-B	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-REG-B license and active SUSP-ENT-REG-TR-3 or TR-4 support	**$1,490**
SSM-MCI-REG-C	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-ENT-REG-TR-5 support plan.	**$2,705**
SSR-MCI-REG-C	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-REG-B license and active SUSP-ENT-REG-TR-5 support plan.	**$2,705**

Mobile Credential Issuance for Enterprise Lite Systems

Mobile Credential Issuance may be purchased separately for any region and/or master in an OnGuard Enterprise system.

Part #	Descriptions	Cost
SSM-MCI-MAS-LT	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-W-ENT-MAS-LT support plan.	**$2,320**
SSR-MCI-MAS-LT	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-MAS-LT license and active SUSP-W-ENT-MAS-LT support plan.	**$2,320**
SSM-MCI-REG-LT	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-W-ENT-REG-LT support plan.	**$310**
SSR-MCI-REG-LT	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-REG-LT license and active SUSP-W-ENT-REG-LT support plan.	**$310**
SSM-MCI-REG-SM	First time 12 month license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-W-ENT-REG-SM support plan.	**$170**
SSR-MCI-REG-SM	12 month Renewal or Extension for Mobile Credential Issuance. One required per server. Requires SSM-MCI-REG-SM license and active SUSP-W-ENT-REG-SM support plan.	**$170**

OnGuard Cardholder Self Service Version 2.0 - Visit Scheduling & PIN Change added

OnGuard Cardholder Self Service (CSS) is an optional module for OnGuard that allows cardholders to use a web interface to see recent access denials, request access, schedule visits, and change their badge PIN. Designated approvers can be notified and/or see a list of requests via the separately licensed "Access Manager" browser-based client application, from which requests can be granted, denied, or held. The cardholder is then automatically notified of the action taken. Optionally, Cardholders can also see customized lists of readers and access levels for which they can request access. Compatible with current web browsers on computers and tablet devices. New OnGuard module software license file is required and will be provided.

OnGuard CSS is licensed on an annual basis, and requires a valid Software Upgrade and support Plan (SUSP) for the term of the CSS license.

IMPORTANT: In addition to the CSS license, an OnGuard Access Manager (OCP-AMC-1) license is required for each simultaneous Access Manager seat used.

Cardholders must be configured in OnGuard with a valid Active Directory/LDAP account to log in to CSS.

PIN change and visitor scheduling require OnGuard 7.4 or higher.

<u>ORDERING INFORMATION:</u>

For new systems, refer to the SUSP section of this price book to determine support tier, and order the matching CSS part number(s), based on system type and reader capacity.

For existing systems with a SUSP, use the same tier(s) as used by your SUSP.

Maximum total subscription is 3 years

Part #	Descriptions	Cost
	Cardholder Self Service for 32 ES Systems	
SSM-CSS-ES	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-W-ES support plan.	**$465**
SSR-CSS-ES	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-ES license and active SUSP-W-ES support plan.	**$465**
	Cardholder Self Service for ADV Systems	
SSM-CSS-ADV	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-ADV support plan.	**$650**
SSR-CSS-ADV	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-ADV license and active SUSP-ADV support plan.	**$650**
	Cardholder Self Service for PRO Systems	
SSM-CSS-PRO-A	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-PRO-TR-1 or TR-2 support plan.	**$1,140**
SSR-CSS-PRO-A	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-PRO-A license and active SUSP-PRO-TR-1 or TR-2 support plan.	**$1,140**
SSM-CSS-PRO-B	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-PRO-TR-3 or TR-4 support plan.	**$4,020**
SSR-CSS-PRO-B	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-PRO-B license and active SUSP-PRO-TR-3 or TR-4 support plan.	**$4,020**
SSM-CSS-PRO-C	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-PRO-TR-5 support plan.	**$7,765**
SSR-CSS-PRO-C	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-PRO-C license and active SUSP-PRO-TR-5 support plan.	**$7,765**

OnGuard Cardholder Self Service (Cont'd)

Cardholder Self Service for Enterprise Systems

OnGuard CSS may be purchased separately for any region and/or master in an OnGuard Enterprise system.

SSM-CSS-MAS	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-ENT-MAS support plan.	**$2,210**
SSR-CSS-MAS	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-MAS license and active SUSP-ENT-MAS support plan.	**$2,210**
SSM-CSS-REG-A	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-ENT-REG-TR-1 or TR-2 support plan.	**$1,140**
SSR-CSS-REG-A	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-REG-A license and active SUSP-ENT-REG-TR-1 or TR-2 support plan.	**$1,140**
SSM-CSS-REG-B	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-ENT-REG-TR-3 or TR-4 support plan.	**$2,345**
SSR-CSS-REG-B	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-REG-B license and active SUSP-ENT-REG-TR-3 or TR-4 support plan.	**$2,345**
SSM-CSS-REG-C	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-ENT-REG-TR-5 support plan.	**$4,140**
SSR-CSS-REG-C	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-REG-C license and active SUSP-ENT-REG-TR-5 support plan.	**$4,140**

Cardholder Self Service for Enterprise Lite Systems

OnGuard CSS may be purchased separately for any region and/or master in an OnGuard Enterprise system.

SSM-CSS-MAS-LT	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-W-ENT-MAS-LT support plan.	**$1,105**
SSR-CSS-MAS-LT	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-MAS-LT license and active SUSP-W-ENT-MAS-LT support plan.	**$1,105**
SSM-CSS-REG-LT	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-W-ENT-REG-LT support plan.	**$560**
SSR-CSS-REG-LT	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-REG-LT license and active SUSP-W-ENT-REG-LT support plan.	**$560**
SSM-CSS-REG-SM	First time 12 month license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-W-ENT-REG-SM support plan.	**$465**
SSR-CSS-REG-SM	12 month Renewal or Extension for OnGuard Cardholder Self Service (CSS) Module. Requires SSM-CSS-REG-SM license and active SUSP-W-ENT-REG-SM support plan.	**$465**

Mobile Credential Issuance - Non-Expiring License

This option grants a non-expiring license allowing seamless issuance of HID® Mobile Access credentials from an OnGuard system. With this option, credentials can be issued for these solutions from standard OnGuard interfaces and without duplicate data entry in the manufacturers web portal, speeding issuance while avoiding data entry errors.
NOTES:
a) These part numbers do not include the mobile credentials themselves, only the integrated issuance.
b) This license is not required for LenelS2 BlueDiamond mobile credential issuance.

Prerequisites:
1) Account for purchase of the mobile credentials and readers (API Login and Account access to the credential service required).
2) Web connectivity from the OnGuard client to the internet when credentials are to be issued from an OnGuard Windows Client.
3) Web connectivity from the OnGuard server to the internet when credentials are to be issued from the OnGuard Credentials web client.

ORDERING INFORMATION:
For new systems, refer to the SUSP section of this price book to determine support tier, then order the matching Mobile Credential Issuance (MCI) part number(s) below, based on system type and reader capacity. For existing systems with a SUSP, use the same tier(s) as used by your SUSP.

Part #	Descriptions	Cost
	Mobile Credential Issuance for 32 ES Systems	
LSM-MCI-ES	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-W-ES support plan at the time of purchase.	**$1,050**
	Mobile Credential Issuance for ADV Systems	
LSM-MCI-ADV	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-ADV-TR-1, TR-2, Or TR-3 support plan at the time of purchase.	**$1,555**
	Mobile Credential Issuance for PRO Systems	
LSM-MCI-PRO-A	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-PRO-TR-1 or TR-2 support plan at the time of purchase.	**$2,940**
LSM-MCI-PRO-B	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-PRO-TR-3 or TR-4 support plan at the time of purchase.	**$9,350**
LSM-MCI-PRO-C	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-PRO-TR-5 support plan at the time of purchase.	**$23,180**
	Mobile Credential Issuance for Enterprise Systems	
	Mobile Credential Issuance may be purchased separately for any region and/or master in an OnGuard Enterprise system.	
LSM-MCI-MAS	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-ENT-MAS support plan at the time of purchase.	**$24,730**
LSM-MCI-REG-A	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-ENT-REG-TR-1 or TR-2 support plan at the time of purchase.	**$2,550**
LSM-MCI-REG-B	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-ENT-REG-TR-3 or TR-4 support plan at the time of purchase.	**$5,950**
LSM-MCI-REG-C	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-ENT-REG-TR-5 support plan at the time of purchase.	**$10,820**

Mobile Credential Issuance - Non-Expiring License (Cont'd)

Mobile Credential Issuance for Enterprise Lite Systems

Mobile Credential Issuance may be purchased separately for any region and/or master in an OnGuard Enterprise system.

Part #	Descriptions	Cost
LSM-MCI-MAS-LT	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-W-ENT-MAS-LT support plan at the time of purchase.	$9,270
LSM-MCI-REG-LT	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-W-ENT-REG-LT support plan at the time of purchase.	$1,235
LSM-MCI-REG-SM	Non-expiring license for Mobile Credential Issuance. One required per server. Requires OnGuard 7.3 or higher and active SUSP-W-ENT-REG-SM support plan at the time of purchase.	$690

Cardholder Self Service - Non-Expiring License

OnGuard Cardholder Self Service (CSS) is an optional module for OnGuard that allows cardholders to use a web interface to see recent access denials, request access, schedule visits, and change their badge PIN. Designated approvers then get notified and/or see a list of requests via a separate "Access Manager" web interface, from which requests can be granted, denied, or held. The cardholder is then automatically notified of the action taken. Optionally, Cardholders can also see customized lists of readers and access levels for which they can request access. Compatible with current web browsers on computers and tablet devices. Not recommended for smartphones and other small screen devices. New OnGuard module software license file is required and will be provided.

Only with this special offer, OnGuard CSS can be licensed on a non-expiring basis, and requires a valid Software Upgrade and support Plan (SUSP) at the time of purchase.

IMPORTANT: In addition to the CSS license, an OnGuard Access Manager (OCP-AMC-1) license is required for each simultaneous Access Manager seat used.

Cardholders must be configured in OnGuard with a valid Active Directory/LDAP account to log in to CSS.

PIN change and visitor scheduling require OnGuard 7.4 or higher.

<u>ORDERING INFORMATION:</u>

For new systems, refer to the SUSP section of this price book to determine support tier, and order the matching CSS part number(s), based on system type and reader capacity.

For existing systems with a SUSP, use the same tier(s) as used by your SUSP.

Part #	Descriptions	Cost
	Cardholder Self Service for 32 ES Systems	
LSM-CSS-ES	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-W-ES support plan.	**$1,875**
	Cardholder Self Service for ADV Systems	
LSM-CSS-ADV	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-ADV support plan.	**$2,600**
	Cardholder Self Service for PRO Systems	
LSM-CSS-PRO-A	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-PRO-TR-1 or TR-2 support plan.	**$4,555**
LSM-CSS-PRO-B	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-PRO-TR-3 or TR-4 support plan.	**$16,080**
LSM-CSS-PRO-C	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-PRO-TR-5 support plan.	**$31,050**

Cardholder Self Service for Enterprise Systems

OnGuard CSS may be purchased separately for any region and/or master in an OnGuard Enterprise system.

Part #	Descriptions	Cost
LSM-CSS-MAS	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-ENT-MAS support plan.	**$8,830**
LSM-CSS-REG-A	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-ENT-REG-TR-1 or TR-2 support plan.	**$4,555**
LSM-CSS-REG-B	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-ENT-REG-TR-3 or TR-4 support plan.	**$9,380**
LSM-CSS-REG-C	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-ENT-REG-TR-5 support plan.	**$16,560**

Cardholder Self Service for Enterprise Lite Systems

OnGuard CSS may be purchased separately for any region and/or master in an OnGuard Enterprise system.

Part #	Descriptions	Cost
LSM-CSS-MAS-LT	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-W-ENT-MAS-LT support plan.	**$4,415**
LSM-CSS-REG-LT	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-W-ENT-REG-LT support plan.	**$2,210**
LSM-CSS-REG-SM	Non-expiring license for OnGuard Cardholder Self Service module. Requires OnGuard 7.2 and active SUSP-W-ENT-REG-SM support plan.	**$1,875**

OnGuard WATCH

OnGuard WATCH (Web Access, Trending, and Comprehensive Health) is an optional module for OnGuard that allows monitoring of the servers in an OnGuard system (including OnGuard, Database, and Communications Servers), as well as activity in user defined areas. OnGuard WATCH provides server health and status monitoring, as well as useful statistics and charts covering system counts, alarm counts, etc. Compatible with current web browsers on computers and tablet devices. Not recommended for smartphones and other small screen devices. New OnGuard module software license file is required and will be provided. Includes settable thresholds and alerts.

OnGuard WATCH is licensed on an annual basis, and requires a valid Software Upgrade and support Plan (SUSP) for the term of the WATCH license.

NOTE: OnGuard WATCH is not currently supported in Oracle Database, NEC ExpressCluster or Microsoft Clustering environments. OnGuard WATCH can be installed on an OnGuard Enterprise system, but WATCH data does not propagate between OnGuard Enterprise servers.

ORDERING INFORMATION:

For new systems, refer to the SUSP section of this price book to determine support tier, and order the matching WATCH part number(s), based on system type and reader capacity.

For existing systems with a SUSP, use the same tier(s) as used by your SUSP.

Maximum total subscription is 3 years

Part #	Descriptions	Cost
	WATCH for 32 ES Systems	
SSM-WATCH-ES	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ES support plan.	**$465**
SSR-WATCH-ES	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-ES license and active SUSP-ES support plan.	**$465**
	WATCH for ADV Systems	
SSM-WATCH-ADV	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ADV support plan.	**$650**
SSR-WATCH-ADV	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-ADV license and active SUSP-ADV support plan.	**$650**
	WATCH for PRO Systems	
SSM-WATCH-PRO-A	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-PRO-TR-1 or TR-2 support plan.	**$1,140**
SSR-WATCH-PRO-A	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-PRO-A license and active SUSP-PRO-TR-1 or TR-2 support plan.	**$1,140**
SSM-WATCH-PRO-B	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-PRO-TR-3 or TR-4 support plan.	**$4,020**
SSR-WATCH-PRO-B	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-PRO-B license and active SUSP-PRO-TR-3 or TR-4 support plan.	**$4,020**
SSM-WATCH-PRO-C	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-PRO-TR-5 support plan.	**$7,765**
SSR-WATCH-PRO-C	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-PRO-C license and active SUSP-PRO-TR-5 support plan.	**$7,765**

OnGuard WATCH (Cont'd)

Part #	Descriptions	Cost

WATCH for Enterprise Systems

OnGuard WATCH may be purchased separately for any region and/or master in an OnGuard Enterprise system.

SSM-WATCH-MAS	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ENT-MAS support plan.	**$2,210**
SSR-WATCH-MAS	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-MAS license and active SUSP-ENT-MAS support plan.	**$2,210**
SSM-WATCH-REG-A	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ENT-REG-TR-1 or TR-2 support plan.	**$1,140**
SSR-WATCH-REG-A	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-REG-A license and active SUSP-ENT-REG-TR-1 or TR-2 support plan.	**$1,140**
SSM-WATCH-REG-B	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ENT-REG-TR-3 or TR-4 support plan.	**$2,345**
SSR-WATCH-REG-B	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-REG-B license and active SUSP-ENT-REG-TR-3 or TR-4 support plan.	**$2,345**
SSM-WATCH-REG-C	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ENT-REG-TR-5 support plan.	**$4,140**
SSR-WATCH-REG-C	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-REG-C license and active SUSP-ENT-REG-TR-5 support plan.	**$4,140**

WATCH for Enterprise Lite Systems

OnGuard WATCH may be purchased separately for any region and/or master in an OnGuard Enterprise system.

SSM-WATCH-MAS-LT	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-W-ENT-MAS-LT support plan.	**$1,105**
SSR-WATCH-MAS-LT	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-MAS-LT license and active SUSP-W-ENT-MAS-LT support plan.	**$1,105**
SSM-WATCH-REG-LT	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-W-ENT-REG-LT support plan.	**$560**
SSR-WATCH-REG-LT	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-REG-LT license and active SUSP-W-ENT-REG-LT support plan.	**$560**
SSM-WATCH-REG-SM	First time 12 month license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-W-ENT-REG-SM support plan.	**$465**
SSR-WATCH-REG-SM	12 month Renewal or Extension for OnGuard WATCH. Requires SSM-WATCH-REG-SM license and active SUSP-W-ENT-REG-SM support plan.	**$465**

OnGuard WATCH - Non-Expiring License

OnGuard WATCH (Web Access, Trending, and Comprehensive Health) is an optional module for OnGuard that allows monitoring of the servers in an OnGuard system (including OnGuard, Database, and Communications Servers), as well as activity in user defined areas. OnGuard WATCH provides server health and status monitoring, as well as useful statistics and charts covering system counts, alarm counts, etc. Compatible with current web browsers on computers and tablet devices. Not recommended for smartphones and other small screen devices. New OnGuard module software license file is required and will be provided. Includes settable thresholds and alerts.

OnGuard WATCH non-expiring license requires a valid Software Upgrade and support Plan (SUSP) at the time of purchase.

NOTE: OnGuard WATCH is not currently supported in Oracle Database, NEC ExpressCluster or Microsoft Clustering environments. OnGuard WATCH can be installed on any server in an OnGuard Enterprise system, but WATCH data does not propagate between OnGuard Enterprise servers or provide system-wide data.

ORDERING INFORMATION:

For new systems, refer to the SUSP section of this price book to determine support tier, and order the matching WATCH part number(s), based on system type and reader capacity.

For existing systems with a SUSP, use the same tier(s) as used by your SUSP.

Part #	Descriptions	Cost
WATCH for 32 ES Systems		
LSM-WATCH-ES	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ES support plan.	**$1,875**
WATCH for ADV Systems		
LSM-WATCH-ADV	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ADV support plan.	**$2,600**
WATCH for PRO Systems		
LSM-WATCH-PRO-A	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-PRO-TR-1 or TR-2 support plan.	**$4,555**
LSM-WATCH-PRO-B	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-PRO-TR-3 or TR-4 support plan.	**$16,080**
LSM-WATCH-PRO-C	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-PRO-TR-5 support plan.	**$31,050**
WATCH for Enterprise Systems		
OnGuard WATCH may be purchased separately for any region and/or master in an OnGuard Enterprise system.		
LSM-WATCH-MAS	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ENT-MAS support plan.	**$8,830**
LSM-WATCH-REG-A	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ENT-REG-TR-1 or TR-2 support plan.	**$4,555**
LSM-WATCH-REG-B	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ENT-REG-TR-3 or TR-4 support plan.	**$9,380**
LSM-WATCH-REG-C	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-ENT-REG-TR-5 support plan.	**$16,560**
WATCH for Enterprise Lite Systems		
OnGuard WATCH may be purchased separately for any region and/or master in an OnGuard Enterprise system.		
LSM-WATCH-MAS-LT	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-W-ENT-MAS-LT support plan.	**$4,415**
LSM-WATCH-REG-LT	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-W-ENT-REG-LT support plan.	**$2,210**
LSM-WATCH-REG-SM	Non-expiring license for OnGuard WATCH Module. Requires OnGuard 7.1 or higher and active SUSP-W-ENT-REG-SM support plan.	**$1,875**

OnGuard® Policies software module

Give the right access to the right people at the right time.
This tool helps assess, develop and enforce access and security policies. Policies and rules are defined based on cardholder attributes, and related OnGuard Access Levels. Access levels may be required or prohibited based on policy.

This OnGuard module provides a responsive browser-based user interface - no client installation is required.

NOTE: OnGuard Policies is not currently supported with Oracle Database. OnGuard Policies can be installed on an OnGuard Enterprise system, but Policies data does not propagate between OnGuard Enterprise servers.
Policies does support NEC ExpressCluster or Microsoft Clustering environments.

PREREQUISITES:
OnGuard 7.2 or higher required

ORDERING INFORMATION:
For new systems, refer to the SUSP section of this price book to determine support tier, and order the matching OnGuard Policies part number(s) below, based on system type and reader capacity.
For existing systems with a SUSP, use the same tier(s) as used by your SUSP.
Maximum total subscription is 3 years

http://www.lenel.com/products/onguard-policies

Please contact your Lenel sales representative to arrange for a quote to add the OnGuard Policies module to your OnGuard system.

OnGuard Server And Client Upgrades

The purchase of Server Capacity Upgrades does not replace or extend a software support plan.
Upgrades include OnGuard Software Licenses; this does not include any Third Party Software. You must also upgrade your personal computers to the minimum OnGuard computer requirements .

Upgrading from 32ES, ADV or PRO to Enterprise requires a quote from Lenel Inside Sales and/or PES (Professional Engineering Services). *To start the process, please email insidesales@lenel.com

PLEASE NOTE: Upgrading DOES NOT give you any additional years of support

Part #	Description	Cost
	32ES & IDES UPGRADES	
UPS-ID32I	**IDES TO 32ESI Upgrade**	**$965**
	• Adds reader count of 32	
	• Adds QTY of 1 for Sys Admin, Map Designer and Alarm Monitoring	
	OnGuard IDES to OnGuard 32ESI	
UPS-3232I	**32ES TO 32ESI Upgrade**	**$1,605**
	• Adds QTY of 1 to ID Credential Center options	
	OnGuard 32ES to OnGuard 32ESI	
UPS-3264	**32ES TO ADV Upgrade**	**$3,175**
	• Increases reader count by 32	
	• Requires client upgrades [UPC-32ADV]	
	OnGuard 32ES to OnGuard ADV	
UPS-3264I	**32ESI TO ADVI Upgrade**	**$7,780**
	• Increases reader count by 32	
	• Requires client upgrades [UPC-32ADV, UPC-IDESIDADV or UPC-323ADVI]	
	OnGuard 32ESI to OnGuard ADVI	
UPS-IDESADV	**IDES TO IDADV Upgrade**	**$3,155**
	• Requires client upgrades [UPC-IDESIDADV]	
	OnGuard IDES to OnGuard IDADV	
	ADV & IDADV UPGRADES	
UPS-ID64I	**IDADV TO ADVI Upgrade**	**$5,590**
	• Adds reader count of 64	
	• Adds QTY of 1 for Sys Admin, Map Designer and Alarm Monitoring	
	OnGuard IDADV to OnGuard ADVI	
UPS-6464I	**ADV TO ADVI Upgrade**	**$6,210**
	• Adds QTY of 1 to ID Credential Center options	
	OnGuard ADV to OnGuard ADVI	
UPS-64PRO	**ADV TO PRO Upgrade**	**$13,450**
	• Increases reader count by 64	
	OnGuard ADV to OnGuard PRO	
UPS-64PROI	**ADVI TO PROI Upgrade**	**$17,790**
	• Increases reader count by 64	
	OnGuard ADVI to OnGuard PROI	
UPS-IDPRO	**IDADV TO IDPRO Upgrade**	**$12,820**
	OnGuard IDADV to OnGuard IDPRO	

OnGuard Server And Client Upgrades (Cont'd)

Part #	Description	Cost
	PRO & IDPRO UPGRADES	
UPS-IDPROI	**IDPRO TO PROI Upgrade**	**$10,560**
	• Adds reader count of 128	
	• Adds QTY of 1 for Sys Admin, Map Designer and Alarm Monitoring	
	OnGuard IDPRO to OnGuard PROI	
UPS-PROI	**PRO TO PROI Upgrade**	**$10,560**
	• Adds QTY of 1 to ID Credential Center options	
	OnGuard PRO to OnGuard PROI	
	ENTERPRISE UPGRADES	
UPS-SMREG	**Regional Small to Regional Lite Upgrade**	**$16,560**
	• Increases reader count by 48	
	Enterprise Regional SM server to Enterprise Regional Lite Server	
UPS-LTREG1	**Regional Lite to Regional Server Upgrade**	**$10,350**
	• Increases reader count by 64	
	Enterprise Regional Lite server to Enterprise Regional Server	
UPS-LTMAS1	**Enterprise Master Lite to Enterprise Master Upgrade**	**$26,910**
	• Increases reader count by 64	
	• Bumps max number of regions allowed by 2 more	
	Enterprise Master Lite server to Enterprise Master Server	

Client Upgrades

Upgrades include OnGuard Software Licenses; this does not include any Third Party Software. You must also upgrade your personal computers to the minimum OnGuard computer requirements .

Part #	Description	Cost
UPC-32ADV	OnGuard 32ES to OnGuard ADV **[when using UPS-3264]**	**$2,535**
UPC-3232I	OnGuard 32ES to OnGuard 32ESI **[when using UPS-3232I]**	**$830**
UPC-ADVADVI	OnGuard ADV to OnGuard ADVI **[when using UPS-6464I]**	**$4,345**
UPC-IDESIDADV	OnGuard IDES to OnGuard IDADV **[when using UPS-IDESADV]**	**$3,570**
UPC-ID32I	OnGuard IDES to OnGuard 32ESI **[when using UPS-ID32I]**	**$415**
UPC-IDADVI	OnGuard IDADV to OnGuard ADVI **[when using UPS-ID64I]**	**$2,900**
UPC-32ADVI	OnGuard 32ESI to OnGuard ADVI **[when using UPS-3264I]**	**$6,060**

Reader Capacity Upgrades

Part #	Description	Cost
	Reader Capacity Upgrades on OnGuard 32ES Systems Only [includes 32ES & 32ESI]	
32ES-32RUP	32 Access Readers upgrade for all 32ES systems (max of 64 readers).	**$1,725**
	Reader Capacity Upgrades on OnGuard ADV Systems Only [includes ADV & ADVI]	
64ADV-64RUP	64 Access Readers upgrade for all ADV systems (max of 256 readers).	**$2,750**
	Reader Capacity Upgrades on OnGuard PRO/ENT Systems	
	[includes PRO, PROI, ENTREG1, ENTREG-LT, ENTMAS-LT and ENTMAS1]	
PRO-64RUP	64 Access Readers upgrade for all PRO systems, no maximum on number of readers.	**$2,750**
	Reader Capacity Upgrades on OnGuard Enterprise Regional SM Systems Only	
REGSM-16RUP	16 Access Readers upgrade for any OnGuard Enterprise Regional SM systems, maximum of 32 readers.	**$1,025**

Redundant Server Licensing

To provide an easier way to purchase redundant systems, LenelS2 has created a new part number for the redundant server. With this new part number there is no need to purchase the license options for the redundant server. Instead of matching every server part number, you now only need a single part number for your redundant license. The redundant server class of system must match that of the primary server. The license options will automatically be carried over from the primary server to the redundant server. You will need to provide the system id [dongle id or flex net number] of the primary server at the time of ordering, if you are purchasing the redundant server at a later point in time.

Special Notes:

1. This policy is not retroactive to prior system purchases.

2. This policy does not apply to cold standby systems and requires the customer to use either Microsoft Clustering or NEC Express Cluster to be able to purchase this license.

3. For new systems with redundancy: Order QTY 1 SWS-XXX and QTY 1 SWS-XXX-REDU. All options, including reader-upgrades, client add-ons and channel add-ons need to be listed at full price at quantities configured for the primary server only. All options, including reader-upgrades, client add-ons and channel add-ons will be added to the redundant server at no cost and do not need to be included as additional line items when purchasing.

4. For existing non-redundant systems: Order QTY 1 SWS-XXX-REDU. You must include a reference to the primary or existing server dongle / system id. All existing options, including reader-upgrades, client add-ons and channel add-ons will be determined by Lenel and added at no cost for the redundant system (a new End User Information - Certification Form is not required).

5. For existing system with redundancy: all options, including reader-upgrades, client add-ons and channel add-ons must be listed at full price at quantities configured for the primary server only. You must also reference both dongles / system ids on any required documents.

Part #	Descriptions	Cost
SWS-ADV-REDU	**OnGuard ADV Redundant Server Software License –** OnGuard Redundant Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support, Guard Tour; Login Driver; Account Linkage; support for up to 64 card access readers and first year support plan for new systems. (does not bump existing SUSP) MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER	**$3,615**
SWS-ADVI-REDU	**OnGuard ADVI Redundant Server Software License -** OnGuard Redundant Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 64 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (does not bump existing SUSP) MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER	**$8,790**
SWS-PRO-REDU	OnGuard PRO Redundant Server Software License – OnGuard Redundant Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers and first year support plan for new systems. (does not bump existing SUSP) MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER	**$14,650**
SWS-PROI-REDU	OnGuard PROI Redundant Server Software License – OnGuard Redundant Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (does not bump existing SUSP) - MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER	**$23,450**

Redundant Server Licensing (Cont'd)

Part #	Descriptions	Cost
SWS-ENTMAS-LT-REDU	OnGuard Enterprise Master Lite Redundant Server Software License – OnGuard Redundant Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 64 local card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting); support for up 8 Regions and first year support plan for new systems. NOTE: support for card access readers are based on regional server(s) card reader capacities with a maximum number of 512 readers total per Master-LT. (does not bump existing SUSP), MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER)	$29,320
SWS-ENTMAS1-REDU	OnGuard Enterprise Master Redundant Server Software License - OnGuard Redundant Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 local card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting); support for up 10 Regions and first year support plan for new systems. (does not bump existing SUSP), MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER)	$51,740
SWS-ENTREG-SM-REDU	OnGuard Enterprise Regional SM Redundant Server Software License - OnGuard Redundant Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 16 card access readers [optional 16 reader upgrade available]; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (does not bump existing SUSP), MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER)	$5,170
SWS-ENTREG-LT-REDU	OnGuard Enterprise Regional Lite Redundant Server Software License - OnGuard Redundant Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 64 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (does not bump existing SUSP), MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER)	$18,970
SWS-ENTREG1-REDU	OnGuard Regional Redundant Server Software License - OnGuard Redundant Server software license includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (does not bump existing SUSP), MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER)	$27,590

Redundant Server Licensing (Cont'd)

<u>Part #</u>	<u>Descriptions</u>	<u>Cost</u>
PCS-PRO-REDU	**OnGuard PRO Redundant Server System with PC** – includes PC with Microsoft Windows Server 2008 R2 SP1; Standard Edition; x64 includes 5 CALS and SQL 2008 R2 x64 server database standard edition (Single Application License; 5 CALS) loaded with OnGuard Redundant Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers and first year support plan for new systems. (does not bump existing SUSP) MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER)	**$23,160**
PCS-PROI-REDU	OnGuard PROI Redundant Server System with PC – includes PC with Microsoft Windows Server 2008 R2 SP1; Standard Edition; x64 includes 5 CALS and SQL 2008 R2 x64 server database standard edition (Single Application License; 5 CALS) loaded with OnGuard Redundant Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (does not bump existing SUSP) MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER)	**$31,520**
PCS-ENTMAS1-REDU	OnGuard Enterprise Master Redundant Server System with PC – includes PC with Microsoft Windows Server 2008 R2 SP1; Standard Edition; x64 includes 5 CALS and SQL 2008 R2 x64 server database enterprise edition (Single Application License; 10 CALS) loaded with OnGuard Redundant Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 local card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting); support for up 10 Regions and first year support plan for new systems. (does not bump existing SUSP) MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER)	**$58,395**
PCS-ENTREG1-REDU	OnGuard Regional Redundant Server System with PC – includes PC with Microsoft Windows Server 2008 R2 SP1; Standard Edition; x64 includes 5 CALS and SQL 2008 R2 x64 server database standard edition (Single Application License; 5 CALS) loaded with OnGuard Redundant Server software license which includes; System Administration; Alarm Monitoring; Map Designer; License Server; Comm. Server; Replication Administration; Database Segmentation; Video Verify Support; E-mail Support; Guard Tour; Login Driver; Account Linkage; support for up to 128 card access readers; ID Credential Center Application; Badge Designer Application; Image Capture; ID Printing; License Server; Cardholder Image Export; Login Driver; Enhanced Imaging Option (Chromakey and Ghosting) and first year support plan for new systems. (does not bump existing SUSP) MUST BE USED IN CONJUNCTION WITH EQUAL LEVEL PRIMARY SERVER)	**$35,450**

NEC Fault Tolerant Server Systems

Fault Tolerant systems provide hardware redundancy and reliability that can be used to help protect your OnGuard environment. Hardware redundancy enables maximum uptime (up to 99.999%) and does so at a very low cost of ownership. Along with maximum uptime, you also receive no session loss in the event of a hardware failure. This means that OnGuard continues to run and there is no break in service. It also means that your data is safe, redundant, and kept in sync on drives running in lockstep. NEC's Fault Tolerant solution is a great way to keep the server hardware that your OnGuard system is running on continuously available.

SPECIAL NOTE: *Due to a late notification from NEC about the End of Life (EOL) of the NEC FT 320F-E4 server series, fault tolerant server offerings have temporarily been removed from the price book. LenelS2 is currently working with NEC to determine the replacement offerings, which are expected to be available by the end of April 2020. Customers interested in NEC fault tolerant server offerings can contact Inside Sales for*

Non-required OPTIONAL parts :

2. FT Monitoring Software
      a. Events originating from the FT system can be sent to Alarm Monitoring using the FT Monitoring Software.
      b. Only a single instance of DataConduIT and FT monitoring licensing is required per FT system.
      c. Both part numbers below are REQUIRED for FT Monitoring Software:
         i. (1) CS-DEV-FTMON
         ii. (1) SWG-1140
         iii. (1) SIS-DELL

Please contact Global Sales at insidesales@lenel.com for any configuration assistance or questions.

NEC FT-320F-E4 FAULT TOLERANT SERVER BUNDLED OPTIONS

NEC Express 5800 Fault Tolerance Server Systems - One system comes with two server modules, which are redundant to the other. No need to purchase two redundant parts, each part contains the full Fault Tolerance redundancy.

Part #	Descriptions	Cost
Software Options		
CS-DEV-FTMON	NEC Fault Tolerant Server Monitor Software: The Lenel NEC Fault Tolerant Server Monitoring Service is a Windows Service designed to monitor changes in hardware and network status on NEC Fault Tolerant servers. Status changes include hardware that is removed, malfunctions, fails diagnostics, or becomes otherwise disconnected. This service will monitor for these conditions and will send an alarm for each failure to Lenel Alarm Monitoring as well as send an email message detailing the status change. This service is designed to work with any NEC Fault Tolerant server that reports status events. (requires SWG-1140)	**$2,670**
SIS-DELL	Installation and integration of OnGuard and SQL on server or client PC	**$205**

NEC Support Plan Options (North America Only)

North America is defined as the United States, Canada, and Puerto Rico. Other support plans are available for international customers, call for availability.

5800FT/R320 Standard Warranty:

3 Year, M-F, 8:00AM-5:00PM local time, Toll Free Telephone Support and E-mail Support (Excludes Holidays), 24X7 Access to Support Web Site, Next Business Day Response (Advanced CRU Delivery or Onsite Repair Response)

5800FT/ R320 Gold Warranty:

3 Year, 7 Day, 8:00AM-5:00PM local time, Toll Free Telephone Support, E-mail support, and E-mail Alert Monitoring, 24X7 Access to Support Web Site, Next Day Response (Advanced CRU Delivery or Onsite Repair Response)

5800FT/ R320 Platinum Warranty:

3 year, 24x7x365 Toll Free Telephone Support, E-mail support, and E-mail Alert Monitoring, 24X7 Access to Support Web Site, Same Day 4-hour Response (Advanced CRU Delivery or Onsite Repair Response)

Part #	Descriptions	Cost
5800FT/R320e-E4/R320f-E4		
First 3 Years Warranty Extensions and Upgrades		
Q24-DN000000013542	3YR Upgrade to Gold Warranty R320e-E4/R320f-E4 FT Server	**$2,399**
Q24-DN000000013543	3YR Upgrade to Platinum Warranty R320e-E4/R320f-E4 FT Server	**$6,999**
Years 4 & 5 Warranty Extensions and Upgrades		
Q24-DN000000013550	1YR ExtendedSTD Warranty R320e-E4/R320f-E4 FT Server	**$1,399**
Q24-DN000000013546	1YR Extended Gold Warranty R320e-E4/R320f-E4 FT Server	**$2,099**
Q24-DN000000013547	1YR Extended Platinum Warranty R320e-E4/R320f-E4 FT Server	**$2,599**
5800FT/R320e-M4		
First 3 Years Warranty Extensions and Upgrades		
Q24-DN000000013544	3YR Upgrade to Gold Warranty R320e-M4 FT Server	**$2,999**
Q24-DN000000013545	3YR Upgrade to Platinum Warranty R320e-M4 FT Server	**$8,999**
Years 4 & 5 Warranty Extensions and Upgrades		
Q24-DN000000013551	1YR ExtendedSTD Warranty R320e-M4 FT Server	**$2,299**
Q24-DN000000013548	1YR Extended Gold Warranty R320e-M4 FT Server	**$2,999**
Q24-DN000000013549	1YR Extended Platinum Warranty R320e-M4 FT Server	**$3,999**

NEC ExpressCluster Systems

NEC ExpressCluster provides redundancy and fully automated High Availability and Disaster Recovery to help protect your OnGuard environment. Each ExpressCluster system consist of an active and passive server that mirrors data (i.e OnGuard Database), reconfigures network settings and starts and stops application services (i.e. SQL Server, LS Communication Server, LS License Server, etc…) through an automated failover process to quickly recover from hardware, software and site failures. The end result gives you an OnGuard system with minimal downtime and database system that is mirrored for fast automated recovery with little or no data loss.

ExpressCluster is available in LAN and WAN editions: WAN installations are more difficult especially when active and passive servers reside on separate subnets. Due to this increased complexity, we require a Lenel PES Planning Session to complete a disaster recovery worksheet and strongly suggest the Lenel PES team for the deployment.

All ExpressCluster support is provided by and should be initiated with Lenel Technical Support. If the issue is outside of the scope or ability of Lenel TSG, then the issue will be escalated to the NEC Support Team. In order for NEC to provide support, a NEC support contract for ExpressCluster needs to be current and valid.

Although it is no longer required, we continue to highly encourage and recommend the utilization and expertise of our PES team for planning phases and all deployment & configuration phases. If a complete system build / setup is required, Lenel Technical Support and NEC Support will guide the VAR to our PES offerings. Full installations & deployments are outside of the scope for Lenel Technical Support and is a service that PES offers.

ExpressCluster base products include a 1 year standard support, which includes business hours support and upgrades to minor or dot software revisions. ExpressCluster base products also include a 3 year upgrade assurance, which includes upgrades to major releases, for example upgrading from R3 to R4.

At the end of the standard support and upgrade assurance, the customer is required to stay current on support and upgrades of their system in order to receive NEC ongoing support.

NEC ExpressCluster can be installed on (2) two physical servers, (2) virtual servers (i.e. VMWare), or a combination of the two options!

How To Build a NEC ExpressCluster System

The following parts are REQUIRED :

1. Choose either the LAN or WAN edition.
     a. Base Part numbers are:
        i. NEC-EC-A-LANX-R3
        ii. NEC-EC-A-WANX-R3
2. Review CPU configuration on machines and add additional CPU Licensing (Only if servers have 2+ CPU Sockets)
     a. Available numbers are:
        i. Q24-FR000000001310
        ii. Q24-FR000000001314

The following parts should be renewed YEARLY :

1. Choose the support plan that is specific for your version of ExpressCluster.
     a. Available part numbers are:
        i. Q24-DN000000135329
        ii. Q24-DN0000000135330
     b. Other support plan options may be purchased to provide higher levels of support from NEC (See NEC Support Plan)

The following parts should be purchased if your support is EXPIRED :

1. Choose the support plan that is specific for your version of ExpressCluster.
     a. Available part numbers are:
        i. Q24-DN000000135331
        ii. Q24-DN0000000135332

NEC ExpressCluster Systems (Cont'd)

The following parts are HIGHLY RECOMMENDED, but are optional:

1. Lenel PES Involvement for Planning and Deployment
    a. Available PES deployment options include:
      i. PES-NEC-LAN-WAN (PES provides remote planning and deployment of a LAN or WANM system)
      ii. PES-00X (Required in conjunction with remote deployment parts if PES onsite presence is needed)
    b. Available PES planning options include:
      i. PES-NEC-PLANNING (PES provides a planning session with the VAR and completes the DR worksheet to assist a
deployment that is completed by the VAR).

2. Lenel Monitoring Option for ExpressCluster
    a. OnGuard's Alarm Monitoring can receive and display events from the ExpressCluster system (i.e. Failover Occurred,
     HDD / Mirroring problems, etc.). The following parts are REQUIRED for the Lenel Monitoring Option:
     i. (1) CS-DEV-ECMON
     ii. (1) SWG-1140

NEC ExpressCluster - Base Packages

Part #	Descriptions	Cost
NEC-EC-A-LANX-R3	**ExpressCluster X R3 LAN 64BIT** – Includes ExpressCluster X R3 LAN 64BIT software for two security nodes (1-2 CPU sockets per server) on a Local Area Network. Includes ExpressCluster X R3 LAN Edition for Windows, a 3-year STANDARD maintenance and support, and 3-year UPGRADE Assurance	**$13,050**
NEC-EC-A-WANX-R3	**ExpressCluster X R3 WAN 64BIT** – Includes ExpressCluster X R3 WAN 64BIT software for two server nodes (1-2 CPU sockets per server) on a Wide Area Network. Includes ExpressCluster X R3 WAN Edition for Windows Upgrade, a 3-year STANDARD maintenance and support, and 3-year UPGRADE Assurance, It is highly recommended that PES services are utilized for NEC WAN deployments. Any deployments requiring IP addressing in different subnets across the WAN will require PES services. PES services are not included.	**$27,639**

NEC ExpressCluster - Licensing for additional CPU support

ExpressCluster Base Package can be used on machines for 1 or 2 CPUs. If the server that ExpressCluster is being installed on has more than 2 CPUs, then you must purchase add-on CPU Sockets in order for the software to function. An add-on must be purchased for both the primary and secondary servers and each add-on will provide you with the ability to run up to 2 more CPU sockets.   The add-on CPU sockets are not required if using Lenel purchased servers.

Part #	Descriptions	Cost
Q24-FR000000001310	ExpressCluster X R3 LAN x64 - 1-2 CPU socket add on	**$4,500**
Q24-FR000000001314	ExpressCluster X R3 WAN x64 - 1-2 CPU socket add on	**$9,500**

Professional Engineering Services (PES) Remote and Onsite Deployment Options

Part #	Descriptions	Cost
PES-NEC-LAN-WAN	Pre-planning, remote NEC ExpressCluster LAN or WAN Deployment and Post Project Support per Cluster. Remote connection to site required for deployment. (Add PES-00X for OnSite Deployment.)	**$8,000**
PES-00X	Daily expenses (Fixed rate expenses incurred)	**Call For Quote**
PES-NEC-PLANNING	Remote Pre-Planning session for LAN or WAN Systems	**$1,070**

NEC ExpressCluster Systems (Cont'd)

NEC ExpressCluster - Yearly Support Plan Options (Standard)

ExpressCluster R3 Service Program Notes
Standard Software Support: (NEC Technicians / Not Lenel)

Included with PES Remote and Onsite Deployment Options: Telephone support during business hours (8AM to 8PM ET), E-mail support during business hours (8AM to 8PM ET), Periodic email notification and alerts, access to product documentation, access to patch releases within the same major product version and access to update releases within same major product versions.

(Note: ExpressCluster LAN and WAN come with one year of Standard Software Support with their purchase. You may add additional years of Standard Software Support in one year increments).

NEW INSTALLATIONS & EXTENSIONS TO ACTIVE NEC SUPPORT PLANS

Part #	Descriptions	Cost
Q24-DN000000135330	EXPRESSCLUSTER LAN 1-YR STD SUPPORT+UPGRADE ASSURANCE FOR 2 NODES (1-2 CPU)	$2,309

EXTENSIONS TO EXPIRED SUPPORT PLANS

Part #	Descriptions	Cost
Q24-DN000000135331	EXPRESSCLUSTER WAN 3-YR STD SUPPORT + 3-YR UPGRADE ASSURANCE FOR 2 NODES (1-2 CPU)	$17,984
Q24-DN000000135332	EXPRESSCLUSTER LAN 3-YR STD SUPPORT + 3-YR UPGRADE ASSURANCE FOR 2 NODES (1-2 CPU)	$8,426

NEC ExpressCluster Systems (Cont'd)

NEC ExpressCluster - Yearly Support Plan Options (Extended Support Options)

ExpressCluster R3 Service Program Notes
Platinum Software Support: (NEC Technicians, Not Lenel)

24 x 7 Telephone support for up to 3 authorized named contacts, 24 x 7 e-mail support for up to 3 authorized named contacts, periodic e-mail notification and alerts, access to product support information, access to patch releases within same major product version and access to update releases within same major product versions.

(Note: If you want to upgrade to Advanced Software Support you must first buy the desired number of years of Standard Software Support then buy the upgrades to Advanced Software Support for every year of Standard Software Support you have purchased.)

ExpressCluster R3 - 1 Year Platinum Support

Q24-DN000000001563	1 year PLATINUM support for ExpressCluster X R3 LAN Edition for Windows x32. 1 node license. **You must purchase two to cover both nodes. Additional Customer Information Required when ordering**	**$188**
Q24-DN000000001567	1 year PLATINUM support for ExpressCluster X R3 WAN Edition for Windows x32. 1 node license. **You must purchase two to cover both nodes. Additional Customer Information Required when ordering**	**$400**
Q24-DN000000001654	1 year PLATINUM support for ExpressCluster X R3 LAN Edition for Windows x64. 1 node license. **You must purchase two to cover both nodes. Additional Customer Information Required when ordering**	**$188**
Q24-DN000000001658	1 year PLATINUM support for ExpressCluster X R3 WAN Edition for Windows x64. 1 node license. **You must purchase two to cover both nodes. Additional Customer Information Required when ordering**	**$400**

ExpressCluster R3 - 3 Year Platinum Upgrade Assurance

Q24-DN000000001595	3 years PLATINUM UPGRADE Assurance for ExpressCluster X R3 LAN Edition for Windows x32 1 node license. **You must purchase two to cover both nodes. Additional Customer Information Required when ordering**	**$1,406**
Q24-DN000000001599	3 years PLATINUM UPGRADE Assurance for ExpressCluster X R3 WAN Edition for Windows x32 1 node license. **You must purchase two to cover both nodes. Additional Customer Information Required when ordering**	**$3,000**
Q24-DN000000001690	3 years PLATINUM UPGRADE Assurance for ExpressCluster X R3 WAN Edition for Windows x64 1 node license. **You must purchase two to cover both nodes. Additional Customer Information Required when ordering**	**$3,000**

NEC ExpressCluster - Custom Solutions Monitoring Option

CS-DEV-ECMON	NEC ExpressCluster Monitoring Software. NEC ExpressCluster Monitoring software is designed to monitor the status of the NEC ExpressCluster LAN/WAN solution and to proactively report any failures or problems. Alerts are configurable and can be sent to Alarm Monitoring and/or Email recipients. This component is designed to work with all Lenel supported versions of the NEC ExpressCluster software. (requires SWG-1140)	**$2,670**

Chapter 2: Access Control Hardware Products

Lenel Access Hardware
Intelligent System Controllers (ISC)

Lenel's Intelligent System Controller (ISC) serves as the predominant access control engine. The ISC provides power, performance and flexibility for the most demanding applications. Multiple combinations of Alarm Input Control Modules, Output Control Modules and card reader interface modules can be configured. All ISCs can communicate upstream via Ethernet TCP/IP 10/100 networks; older ISCs can also use 38.4 Kbps via RS-232, RS-485 multi-dropped configuration, modem dial-up communications.

Note: Due to the complexity of the memory calculations for the LNL-XXXX Intelligent System Controllers, customers should use the current version of OnGuard software for accurate panel memory calculations.

Part #	Descriptions	Cost
LNL-X Series Intelligent System Controllers		
LNL-X2210	Intelligent Single Door Controller; powered by PoE, POE+ or 12 VDC @ 1.8A maximum; size 5.5 in. (140 mm) W x 3.63 in. (92 mm) L x 1.33 in. (34 mm) H with bracket; 6 MB standard cardholder flash memory, 50,000 of event memory; maximum of one door, two readers (entry and exit reader, OSDP Secure Channel encryption for one reader with OnGuard 7.2 and up, On-board PoE or PoE+ Ethernet, Dual Path capability, two inputs (supervised/unsupervised) for Door Contact and REX, two outputs (NO/NC), power fault input and cabinet tamper monitors. Reader power 12VDC@ 300mA max. Approvals: FCC Part 15, CE, RoHS, UL 294, UL 1076, CAN/ULC 60839-11-1:2016, CSA C22.2 No. 205-1983, cUL/ORD-C1076	$967
LNL-X2220	Intelligent Dual Reader Controller – powered by 12 or 24 VDC @ 500mA (w/o Rdr Power),, size (6" (152mm) W x 8" (203mm) L x 1" (25mm)H); 6 MB standard cardholder flash memory, 50,000 of event memory, maximum of 32 devices, On-board Ethernet, Dual Path capability, on-board two door control, OSDP Secure Channel encryption with OnGuard 7.2, Wiegand or F2F; eight inputs, four outputs, cabinet tamper and power fault input monitors. Approvals: FCC Part 15, CE, RoHS, UL 294, UL 1076, CAN/ULC 60839-11-1:2016, CSA C22.2 No. 205-1983, cUL/ORD-C1076	$2,017
LNL-X3300	Intelligent System Controller – powered by12 or 24 VDC @250mA,size (5 in.(127mm) Wx6 in.(152.4mm) L x1 in.(25mm) H); 15 MB standard cardholder flash memory, 50,000 Event memory. Two RS-485 ports for downstream devices, maximum of 64 devices, On-board Ethernet, Dual Path capability, cabinet tamper and power fault input monitors. Approvals: FCC Part 15, CE, RoHS, UL 294, UL 1076, CAN/ULC 60839-11-1:2016, CSA C22.2 No. 205-1983, cUL/ORD-C1076	$2,189
LNL-X4420	Intelligent Dual Reader Controller – powered by 12 or 24 VDC @ 500mA (w/o Rdr Power), size (6" (152mm) W x 8" (203mm) L x 1" (25mm)H); 16 MB standard cardholder flash memory (96MB cardholder table can be enabled in OnGuard 7.4 or higher), 50,000 of Event memory, Two RS-485 ports for downstream devices, maximum of 64 devices, On-board Ethernet, Dual Path capability, on-board two door control with OSDP Secure Channel encryption or Wiegand; eight inputs, four outputs, cabinet tamper and power fault input monitors. Approvals: FCC Part 15, CE, RoHS, UL 294, UL 1076, CAN/ULC 60839-11-1:2016, CSA C22.2 No. 205-1983, cUL/ORD-C1076	$3,596
Intelligent System Controller		
LNL-4420	Intelligent Dual Reader Controller – 12 or 24 VDC @ 500mA (w/o Rdr Power), size (6" (152mm) W x 8" (203mm) L x 1" (25mm)H), (5 year lithium battery or 3 months full run) 16 MB standard cardholder flash memory (96MB cardholder table can be enabled in OnGuard 7.4 or higher), 50,000 of Event memory, maximum of 64 devices, On-board Ethernet, on-board two door control with OSDP Secure Channel encryption, eight inputs, four outputs, cabinet tamper and power fault input monitors. Two RS-485 ports for downstream devices. RoHS, CE, C-Tick and UL 294 OnGuard 7.2 or higher required.	$3,615

Lenel Access Hardware (Cont'd)

Part #	Descriptions	Cost
Communication Accessories		
LNL-8000	Star Multiplexer –12 VDC, (8) Downstream RS-485 2-wire ports or (4) RS-485 4-wire ports.	$624
LNL-837A	RS-232 /RS-485 High Speed Line Driver, stand-alone, 115 VAC 60 Hz, (115 Kbps)	$485
LNL-838A	RS-232 /RS-485 High Speed Line Driver, stand-alone, 115 VAC 60 Hz, Optically isolated from data ground (115.2 Kbps)	$538
LNL-108A	Converter RS-232 to RS-485	$660
LNL-109A	Converter RS-232 to RS-485 with Optical Isolation	$800
Network Adapters		
USB2-OTGE100	USB to Ethernet converter, for LNL-X Series Controllers only. Provides optional Secondary NIC connection. Second NIC should be on different subnet than primary NIC.	$59
LNL-ETHLAN-MICR125	Secondary Ethernet connector for LNL-3300, LNL-3300-M5, and LNL-3300-GCM. Lantronix Micro125 with RJ45 connector, LEDS, with TTL pin header, RoHS.	$415
Dial-Up Modems		
LNL-DC336K	12 VDC powered/33.6K External modem for Intelligent System Controller Dial-up, includes HOC-56KEXT custom made modem to ISC communication cable as well as the 12 VDC power cable when purchase from Lenel RoHS compliant device.	$1,009
HOC-56KEXT	Communications Cable for all Lenel Intelligent Systems Controllers to LNL-56KEXT Dial up modem.	$37
HOC-BC00301	Host to modem cable 6 foot length	$40
Lenel Board / Power Supply Accessories		
LNL-STANDOFF	Standoffs to mount any LNL board on LNL Cabinets or Power Supplies [25 per bag]	$17.50
LNL-CBSB1001ART	Sticky back nylon spacers to mount **LNL-500; LNL-3300; LNL-8000** on LNL Cabinets or Power Supplies [100 per bag]	$60.00
LNL-EMCSTO	Standoffs for **LNL-ETHLAN-MICR125** [100 per pack]	$47.00

Input and Output Control Modules

The Input Control Module (ICM) provides the access control system with high-speed acknowledgment of critical alarm points in monitored areas. It has sixteen configurable input control points and two output control relays. The ICM supports normally open, normally closed, supervised and non-supervised circuits.

The Output Control Module (OCM) communicates directly with the Intelligent System Controller (ISC) either by two-wire RS-485 or four-wire RS-485 communication. Each OCM is an individually addressed device, with a maximum of sixteen OCM's on each ISC. The output relays on both control modules can also be configured for fail-safe or fail-secure. The relays support '"On"', "Off"', and "Pulse" controls.

Part #	Descriptions	Cost
Input and Output Control Modules		
LNL-1100-S3	**Input Control Module (Series three) –**12/24 VDC, 16 zone input monitor module, (32) 1K resistors (with 2 programmable output relays) , RoHS, CE, C-Tick and UL294 certified	**$808**
LNL-1200-S3	**Output Control Module (Series three) –** 12/24 VDC, 16 relay output control module , RoHS, CE, C-Tick and UL294 certified	**$808**

Reader Interface Modules

Lenel offers a Single Reader Interface (SRI) module or Dual Reader Interface (DRI) module for business access control solutions. Each SRI (one reader each) or DRI (two readers each) can control access control card readers, keypads, or readers with keypads that use data1/data0(Wiegand), clock/data(Magnetic), OSDP (Open Supervised Device Protocol), OSDP Secure Channel and OSDP Biometric, or Bioscrypt RS-485 communications are supported. LNL-X2220 reader interface ports, and LNL-1320-S3 can also support Handkey RSI Protocol. Lock/unlock, and facility code, off-line access modes are supported on all readers connected to the either module. Each SRI & DRI can support up to sixteen different card formats as well as issue codes for all card formats.

Part #	Descriptions	Cost
Reader Interface and Door Control Modules		
LNL-1300-S3	**Single Reader Interface Module (Series 3 - Supports OSDP Readers)** – 12/24 VDC, 1 Reader interface, W/M, 2 inputs and 2 outputs relays (one of each, 2A and 5A) and cabinet tamper pigtail , RoHS, CE, C-Tick and UL294 certified	**$349**
LNL-CONV-1	Plastic Adapter plate to mount a single LNL-1300 module and a single LNL-2210 (2.75" x 4.25")	**$7.30**
LNL-CONV-4	Adapter plate to mount up to 4 LNL-1300s in any CTX enclosure, Maximum two per LNL-CTX enclosure	**$28.00**
LNL-1320-S3	**Dual Reader Interface Module (Series 3 –Supports OSDP Readers)** – 12/24 VDC, 2 Reader interface, W/M, 8 inputs, 6 (5A) form C relays , RoHS, CE, C-Tick and UL294 certified	**$705**
LNL-1324E	IP Door Interface, OSDP Readers only, two doors supported, maximum of four OSDP readers on a single RS-485 bus, in/out readers on each door, door conact, REX, and Strike strike for each door. If no readers are connected, LNL-1324E can be used as an IP Alarm Panel, with six inputs, and four relay outputs. Options to power the LNL-1324E: POE, POE+ OR 12VDC. Dimensions: 5.5 in. (140 mm) W x 2.75 in. (70 mm) L x 0.96 in. (24 mm) H without bracket 5.5 in. (140 mm) W x 3.63 in. (92 mm) L x 1.33 in. (34 mm) H with bracket. Requires OnGuard 7.6 or higher. Will not be available until OnGuard 7.6 is released.	**$1,581.00**
LNL-1K-32	Resistors – one complete set of sixteen, 1K-ohm resistors for the LNL-1100-S3, LNL-1300-S3, LNL-1320-S3, or LNL-1324E modules	**$18.00**

Power Supplies and Enclosures

Lenel's power supplies with enclosures are capable of accommodating up to two or six of the ISC, ICM, ODM, DRI or up to sixteen single reader interfaces in each enclosure. Included with each power supply enclosure is the power supply, key lock, stand-offs power on/off switch, tamper switch (UL & CE Supplies only) and an optional 12 VDC UPS battery (ABT-12).

(International Note: All power supplies listed can be ordered in a 220 VAC configuration by adding a [-220] on the end of the part number listed below)

(Functionality NOTE: when using the NGP and NGP-XXXX-U boards please make sure you order the UMP or UKIT to ensure proper mounting in the enclosures listed below or you purchase an NGP power supply located on the NGP page in the price book)

Part #	Descriptions	Cost
Power Supplies & Enclosures		
LNL-OLS75A	2.5 A Power Supply Only – The OLS75A is a power supply/charger that will auto-convert a 115/230VAC 50/60Hz input, into a 12VDC or 24VDC output, with 2.5 amps of continuous supply current, UPS capable (Battery Optional)	**$194**
LNL-OLS120A	4.0 A Power Supply - Board Only – The OLS120A is a power supply/charger that will auto-convert a 115/230VAC 50/60Hz input, into a 12VDC or 24VDC output, with 4 amps of continuous supply current, UPS capable (Battery Optional)	**$228**
LNL-OLS75ACTX	2.5 A Power Supply with enclosure-The OLS75 is a power limited supply/ chargers that will convert a 115 VAC/60Hz or 230 VAC/50Hz input; into a 12 or 24VDC power limited output; with 2.5 amps of continuous supply current; UPS capable (Battery Optional) with enclosure and lock (can house 2 boards); H 15.75" 400mm x W 12.25" 311mm x D 4.5" 114mm	**$405**
LNL-OLS120ACTXP2	4.0 A Power Supply with Enclosure - The OLS120A is a power supply/charger that will auto-convert a 115/230VAC 50/60Hz input, into a 12VDC or 24VDC output, with 4 amps of continuous supply current, a power distribution board with two 2A outputs. UPS capable (Battery Optional) with enclosure and lock (can house 2 boards); H 15.75" 400mm x W 12.25" 311mm x D 4.5" 114mm	**$426**
LNL-MOM-5	Multi-output power supply interface (board Only)	**$128**

UL, CUL and CE Listed Power Supplies & Enclosures

The LNL-AL400ULX, LNL-400X-CE220, LNL-AL600ULX-4CB6 and LNL-600X6-CE220 no longer have the interior of their cabinet painted, instead it is galvannealed steel which is naturally resistant to corrosion.

LNL-AL400ULX	Lenel UL Listed 4A, 110VAC Power Supply – 12VDC 4A output, 115VAC input, continuous supply current with enclosure (15.5" x 12.5" x 4.5"), lock, tamper switch, UPS capable (Battery Optional) UL & CUL Approved (can house two standard sized boards, 6"x8")	**$484**
LNL-AL600ULX-4CB6	Lenel UL Listed Power Supply – 12VDC 6A output, 115VAC (1.6 amps) input, continuous supply current with enclosure (24" x 18" x 4.5"), lock, tamper switch, power distribution module, UPS capable (Battery Optional) UL & CUL Approved (can house six standard sized boards, 6"x8")	**$808**
LNL-400X-CE220	Lenel CE Listed 4A, 220VAC Power Supply – 12VDC output, 220/230 VAC input, continuous supply current with enclosure (15.5" x 12.5"x 4.5"), lock and open frame transformer, tamper switch UPS capable (Battery Optional) CE Approved (can house two standard sized boards, 6"x8")	**$516**
LNL-600X6-CE220	Lenel CE Listed Power Supply – 12VDC output (switch selectable), 220/230 VAC (1.6 amps) input, continuous supply current with enclosure (24" x 18"x 4.5"), lock and open frame transformer, tamper switch, power distribution module, UPS capable (Battery Optional) CE Approved (can house six standard sized boards, 6"x8")	**$844**

The LNL-CTX-6 and LNL-CTX no longer come with power supply mounting studs due to their UL certification.

LNL-CTX	Lenel UL listed hardware enclosure (15.5" x 12.5" x 4.5"), only with lock and tamper switch. (UL Approved) (can house 2 boards)	**$126**
LNL-CTX-6	Lenel UL listed hardware enclosure (24" x 18" x 4.5"), only with lock and tamper switch. (UL Approved) (can house up to 6 boards)	**$234**
ABT-12	Battery Kit, includes, 12 VDC, 12 AH Battery (PS-12120) (Available North America Only)	**$69**
LNL-CAM1	Lock assembly and keys for Lenel standard power supply cabinets	**$8.33**

Altronix Trove Power Supplies and Enclosures

Altronix provides online configuration tools to assist in configuring the needed enclosure and power supply equipment. Link to the configuration web page is: https://www.altronix.com/public/index.php/system_design_tools/trove. Configure Trove Enclosures and Power supplies with Mercury hardware, including the Lenel X-Series Controllers and SERIES 3 SIOs.

Part #	Descriptions	Cost
	Enclosures & Backplanes - Accommodates Altronix Power/Accessories with Lenel Access Controllers and IO Boards	
ALX-TM400	TROVE ENCLOSURE, 3-DOOR, (2) BOARDS LNL-X2210, LNL-X2220, LNL-X4420, LNL-1300-S3, LNL-1300E, LNL-1320-S3, LNL-1100-S3, LNL1200-S3, NO ROOM FOR BATTERY BACKUP, 12.25IN X 15.5IN X 4.5IN ALTRONIX PN: TM400	**$158**
	Trove 1 Series	
ALX-TROVE1M1	TROVE 1 SERIES, ENCLOSURE WITH BACKPLANE, 8-DOOR, (4) BOARDS LNL-X2210, LNL-X2220, LNL-X4420, LNL-1300-S3, LNL-1300E, LNL-1320-S3, LNL-1100-S3, LNL1200-S3, ACCOMMODATES TWO (2) 12 VDC / 7AH MAX, 18IN X 14.5IN X 4.625IN ALTRONIX PN: TROVE1M1	**$329**
ALX-TM1	TROVE 1 SERIES, BACKPLANE ONLY, 8-DOOR, (4) BOARDS LNL-X2210, LNL-X2220, LNL-X4420, LNL-1300-S3, LNL-1300E, LNL-1320-S3, LNL-1100-S3, LNL1200-S3,16.625IN X 12.5IN X 0.5IN ALTRONIX PN: TM1	**$138**
ALX-TROVE1M1WP	ACCESS & POWER INTEGRATION OUTDOOR ENCLOSURE FOR COMBINATIONS OF LENEL/MERCURY MODULES WITH ALTRONIX POWER SUPPLY/CHARGERS FOR UP TO THREE (3) DOORS, ACCOMMODATES UP TO (1) LNL-1100-S3, LNL-1200-S3, LNL-1320-S3, LNL-X2220, LNL-X4420, UP TO (2) LNL-1300-S3,LNL-1300E, LNL-X3300, LNL-X2210, LNL-8000.. ENCLOSURE DIMENSIONS 17.53"H X 15.3"W X 6.67"D. INCLUDES TM1X BACKPLANE, STANDOFFS AND SCREWS. ALTRONIX PN: Trove1M1WP	**$560**
ALX-TROVE1M1R	ACCESS & POWER INTEGRATION RACK ENCLOSURE FOR COMBINATIONS OF LENEL BOARDS WITH ALTRONIX POWER SUPPLY/CHARGERS. ACCOMMODATES THE FOLLOWING LENEL BOARDS UP TO (4) LNL-1100-S3, LNL-1200-S3, LNL-1320-S3, LNL-X2220, LNL-X4420, UP TO (2) LNL-1300-S3,LNL-1300E, LNL-X3300, LNL-X2210, LNL-8000. 2U RACK MOUNT CHASSIS. INCLUDES TM1R BACKPLANE, CAM LOCK, TAMPER SWITCH, Z-BRACKET AND MOUNTING HARDWARE. ALTRONIX PN: Trove1M1R	**$919**
ALX-T1RM3F4	TROVE1M1R - EFLOW6NB (6A@12/24VDC) POWER SUPPLY, ACM4 - 4 FUSED OUTPUT ACCESS POWER CONTROLLER, VR6 - VOLTAGE REGULATOR. 24VDC INPUT INTO 5VDC OR 12VDC OUTPUT, PDS8 DUAL VOLTAGE POWER DISTRIBUTION MODULE. 4-DOOR, (2) BOARDS LNL-1100-S3, LNL-1200-S3, LNL-1320-S3, LNL-1300-S3, LNL-1300E, LNL-X2220, LNL-X4420, LNL-X3300, LNL-X2210, LNL-8000, NO ROOM FOR BATTERY BACKUP. 2U RACK MOUNT CHASSIS. INCLUDES: CAM LOCK, TAMPER SWITCH, Z-BRACKET, 6FT. LINE CORD AND MOUNTING HARDWARE. ALTRONIX PN: T1RM3F4	**$1,295**
ALX-T1RAL3F8	TROVE1AL1R - EFLOW6NB (6A@12/24VDC) POWER SUPPLY, VR6 - VOLTAGE REGULATOR. 24VDC INPUT INTO 5VDC OR 12VDC OUTPUT, ACMS8 DUAL VOLTAGE ACCESS POWER CONTROLLER, PDS8 DUAL VOLTAGE POWER DISTRIBUTION MODULE. INCLUDES: CAM LOCK, TAMPER SWITCH, 6FT. LINE CORD AND MOUNTING HARDWARE. ALTRONIX PN: T1RAL3F8	**$1,308**
ALX-T1RAL33F16	TROVE1AL1R - (2) EFLOW6NB (6A@12/24VDC) POWER SUPPLY, (2) ACMS8 DUAL VOLTAGE ACCESS POWER CONTROLLER. INCLUDES: CAM LOCK, TAMPER SWITCH, 6FT. LINE CORD AND MOUNTING HARDWARE. ALTRONIX PN: T1RAL33F16	**$1,484**
	Trove 2 Series	
ALX-TROVE2M2	TROVE 2 SERIES, ENCLOSURE WITH BACKPLANE, 12-DOOR, (6) BOARDS LNL-X2210, LNL-X2220, LNL-X3300, LNL-X4420, LNL-1300-S3, LNL-1300E, LNL-1320-S3, LNL-1100-S3, LNL1200-S3, LNL-8000, ACCOMMODATES FOUR (4) 12 VDC / 12AH MAX, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: TROVE2M2	**$449**
ALX-TM2	TROVE 2 SERIES, BACKPLANE ONLY, 12-DOOR, (6) BOARDS LNL-X2210, LNL-X2220, LNL-X3300, LNL-X4420, LNL-1300-S3, LNL-1300E, LNL-1320-S3, LNL-1100-S3, LNL1200-S3, LNL-8000, 25.375IN X 19.375IN X 0.5IN ALTRONIX PN: TM2	**$174**
ALX-TMV2	TROVE 2/3 SERIES, DOOR BACKPLANE ONLY, 12-DOOR, (6) BOARDS LNL-X2220, LNL-X3300, LNL-X4420, LNL-1320-S3, LNL-1100-S3, LNL1200-S3, LNL-8000, 25.75IN X 18.0IN X 0.5IN ALTRONIX PN: TMV2	**$134**

Altronix Trove Power Supplies and Enclosures (Cont'd)

Part #	Descriptions	Cost
Trove 3 Series		
ALX-TROVE3M3	TROVE 3 SERIES, ENCLOSURE WITH BACKPLANE, 24-DOOR, (12) BOARDS LNL-X2220, LNL-X3300, LNL-X4420, LNL-1320-S3, LNL-1100-S3, LNL1200-S3, LNL-8000, ACCOMMODATES FOUR (4) 12 VDC / 12AH MAX, 36.25IN X 30.125IN X 7.06IN ALTRONIX PN: TROVE3M3	**$955**
ALX-TM3	TROVE 3 SERIES, BACKPLANE ONLY, 24-DOOR, (12) BOARDS LNL-X2220, LNL-X3300, LNL-X4420, LNL-1320-S3, LNL-1100-S3, LNL1200-S3, LNL-8000, 34.0IN X 28.0IN X 0.5IN ALTRONIX PN: TM3	**$337**
Trove 2 Series Kits - Enclosures, Backplanes, Power Supplies, Power Distribution Boards		
ALX-T2MK3F4	TROVE 2 SERIES KIT, 4-DOORS, ENCLOSURE, BACKPLANE, EFLOW6NB, ACM4, VR6,PDS8, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK3F4	**$828**
ALX-T2MK3F8	TROVE 2 SERIES KIT, 8-DOORS, ENCLOSURE, BACKPLANE, EFLOW6NB, ACM8, VR6,PDS8, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK3F8	**$850**
ALX-T2MK7F8	TROVE 2 SERIES KIT, 8-DOORS, ENCLOSURE, BACKPLANE, EFLOW104NB, ACM4, VR6,PDS8, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK7F8	**$940**
ALX-T2MK3F4D	TROVE 2 SERIES KIT, 4-DOORS, ENCLOSURE, BACKPLANE, EFLOW6NB, ACM4CB, VR6,PDS8CB, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK3F4D	**$828**
ALX-T2MK3F8D	TROVE 2 SERIES KIT, 8-DOORS, ENCLOSURE, BACKPLANE, EFLOW6NB, ACM8CB, VR6,PDS8CB, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK3F8D	**$850**
ALX-T2MK7F8D	TROVE 2 SERIES KIT, 8-DOORS, ENCLOSURE, BACKPLANE, EFLOW104NB, ACM4CB, VR6,PDS8CB, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK7F8D	**$940**
Trove 2 Series Networkable Kits - Enclosures, Backplanes, Power Supplies, Power Distribution		
ALX-T2MK3F4Q	TROVE 2 SERIES NETWORKABLE KIT, 4-DOORS, ENCLOSURE, BACKPLANE, EFLOW6NB, LINQ2, ACM4, VR6,PDS8, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK3F4Q	**$1,063**
ALX-T2MK3F8Q	TROVE 2 SERIES NETWORKABLE KIT, 8-DOORS, ENCLOSURE, BACKPLANE, EFLOW6NB, LINQ2, ACM8, VR6,PDS8, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK3F8Q	**$1,088**
ALX-T2MK7F8Q	TROVE 2 SERIES NETWORKABLE KIT, 8-DOORS, ENCLOSURE, BACKPLANE, EFLOW104NB, LINQ2, ACM4, VR6,PDS8, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK7F8Q	**$1,112**
ALX-T2MK3F4DQ	TROVE 2 SERIES NETWORKABLE KIT, 4-DOORS, ENCLOSURE, BACKPLANE, EFLOW6NB, LINQ2, ACM4CB, VR6,PDS8CB, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK3F4DQ	**$1,063**
ALX-T2MK3F8DQ	TROVE 2 SERIES NETWORKABLE KIT, 8-DOORS, ENCLOSURE, BACKPLANE, EFLOW6NB, LINQ2, ACM8CB, VR6,PDS8CB, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK3F8DQ	**$1,088**
ALX-T2MK7F8DQ	TROVE 2 SERIES NETWORKABLE KIT, 8-DOORS, ENCLOSURE, BACKPLANE, EFLOW104NB, LINQ2, ACM4CB, VR6,PDS8CB, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK7F8DQ	**$1,112**

Altronix Trove Power Supplies and Enclosures (Cont'd)

Part #	Descriptions	Cost
Trove 2 Series Kits - Enclosures, TMV2 Backplanes, Power Supplies, Power Distribution Boards		
ALX-T2MK75F16	TROVE 2 SERIES KIT, 16-DOORS, ENCLOSURE, BACKPLANE, DOOR BACKPLANE, EFLOW102NB, EFLOW104NB, 2 - ACM8, PD8UL, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK75F16	**$1,249**
ALX-T2MK77F16	TROVE 2 SERIES KIT, 16-DOORS, ENCLOSURE, BACKPLANE, DOOR BACKPLANE, 2 - EFLOW104NB, 2 - ACM8, VR6, PDS8, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK77F16	**$1,359**
ALX-T2MK75F16D	TROVE 2 SERIES KIT, 16-DOORS, ENCLOSURE, BACKPLANE, DOOR BACKPLANE, EFLOW102NB, EFLOW104NB, 2 - ACM8CB, PD8ULCB, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK75F16D	**$1,249**
ALX-T2MK77F16D	TROVE 2 SERIES KIT, 16-DOORS, ENCLOSURE, BACKPLANE, DOOR BACKPLANE, 2 - EFLOW104NB, 2 - ACM8CB, VR6, PDS8CB, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK77F16D	**$1,359**
Trove 2 Series Networkable Kits - Enclosures, TMV2 Backplanes, Power Supplies, Power Distribution		
ALX-T2MK75F16Q	TROVE 2 SERIES NETWORKABLE KIT, 16-DOORS, ENCLOSURE, BACKPLANE, DOOR BACKPLANE, LINQ2, EFLOW102NB, EFLOW104NB, 2 - ACM8, PD8UL, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK75F16Q	**$1,445**
ALX-T2MK77F16Q	TROVE 2 SERIES NETWORKABLE KIT, 16-DOORS, ENCLOSURE, BACKPLANE, DOOR BACKPLANE, LINQ2, 2 - EFLOW104NB, 2 - ACM8, VR6, PDS8, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK77F16Q	**$1,551**
ALX-T2MK75F16DQ	TROVE 2 SERIES NETWORKABLE KIT, 16-DOORS, ENCLOSURE, BACKPLANE, DOOR BACKPLANE, LINQ2, EFLOW102NB, EFLOW104NB, 2 - ACM8CB, PD8ULCB, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK75F16DQ	**$1,445**
ALX-T2MK77F16DQ	TROVE 2 SERIES NETWORKABLE KIT, 16-DOORS, ENCLOSURE, BACKPLANE, DOOR BACKPLANE, LINQ2, 2 - EFLOW104NB, 2 - ACM8CB, VR6, PDS8CB, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 27.25IN X 21.5IN X 6.5IN ALTRONIX PN: T2MK77F16DQ	**$1,551**
Trove 3 Series Kits - Enclosures, Backplanes, Power Supplies, Power Distribution Boards		
ALX-T3MK75F16	TROVE 3 SERIES KIT, 16-DOORS, ENCLOSURE, BACKPLANE, EFLOW102NB, EFLOW104NB, 2 - ACM8, PD8UL, RSB2, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 36.25IN X 30.125IN X 7.06IN ALTRONIX PN: T3MK75F16	**$1,782**
ALX-T3MK75F16D	TROVE 3 SERIES KIT, 16-DOORS, ENCLOSURE, BACKPLANE, EFLOW102NB, EFLOW104NB, 2 - ACM8CB, PD8ULCB, RSB2, ACCOMMODATES FOUR (4) 12VDC / 12AH BATTERIES, 36.25IN X 30.125IN X 7.06IN ALTRONIX PN: T3MK75F16D	**$1,782**
Power Supply/Chargers for TROVE Series		
ALX-EFLOW4NB	TROVE SERIES POWER SUPPLY/CHARGER, INPUT: 115 VAC INPUT, OUTPUT: 12 VDC OR 24 VDC @ 4A, 1 MAIN OUTPUT, 1 1A CLASS 2 POWER LIMITED AUX OUTPUT, FA DISCONNECT, LOW POWER CUT OFF, OVER VOLTAGE PROTECTION, 4.6IN X 7.5IN X 1.6IN ALTRONIX PN: EFLOW4NB	**$254**
ALX-EFLOW6NB	TROVE SERIES POWER SUPPLY/CHARGER, INPUT: 115 VAC INPUT, OUTPUT: 12 VDC OR 24 VDC @ 6A, 1 MAIN OUTPUT, 1 1A CLASS 2 POWER LIMITED AUX OUTPUT, FA DISCONNECT, LOW POWER CUT OFF, OVER VOLTAGE PROTECTION, 4.6IN X 7.5IN X 1.6IN ALTRONIX PN: EFLOW6NB	**$301**
ALX-EFLOW102NB	TROVE SERIES POWER SUPPLY/CHARGER, INPUT: 115 VAC INPUT, OUTPUT: 12 VDC @ 10A, 1 MAIN OUTPUT, 1 1A CLASS 2 POWER LIMITED AUX OUTPUT, FA DISCONNECT, LOW POWER CUT OFF, OVER VOLTAGE PROTECTION, 4.6IN X 7.625IN X 1.875IN ALTRONIX PN: EFLOW102NB	**$301**
ALX-EFLOW104NB	TROVE SERIES POWER SUPPLY/CHARGER, INPUT: 115 VAC INPUT, OUTPUT: 24 VDC @ 10A, 1 MAIN OUTPUT, 1 1A CLASS 2 POWER LIMITED AUX OUTPUT, FA DISCONNECT, LOW POWER CUT OFF, OVER VOLTAGE PROTECTION, 4.6IN X 8.25IN X 1.6IN ALTRONIX PN: EFLOW104NB	**$347**

Altronix Trove Power Supplies and Enclosures (Cont'd)

Part #	Descriptions	Cost
Power Distribution / Sub Assemblies for TROVE Series		
ALX-ACM4	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, ACCESS POWER CONTROLLER, (4) OUTPUTS, 5.175IN X 3.36IN X 1.25IN ALTRONIX PN: ACM4	**$69.00**
ALX-ACM4CB	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, ACCESS POWER CONTROLLER, (4) PTC OUTPUTS, 5.175IN X 3.36IN X 1.25IN ALTRONIX PN: ACM4CB	**$68.68**
ALX-ACM8	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, ACCESS POWER CONTROLLER, (8) OUTPUTS, 8IN X 4.5IN X 1.25IN ALTRONIX PN: ACM8	**$91.00**
ALX-ACM8CB	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, ACCESS POWER CONTROLLER, (8) PTC OUTPUTS, 8IN X 4.5IN X 1.25IN ALTRONIX PN: ACM8CB	**$91.00**
ALX-ACMS8	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, DUAL INPUT ACCESS POWER CONTROLLER, (8) OUTPUTS, 8IN X 4.5IN X 1.25IN ALTRONIX PN: ACMS8	**$153.00**
ALX-ACMS8CB	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, DUAL INPUT ACCESS POWER CONTROLLER, (8) PTC OUTPUTS, 8IN X 4.5IN X 1.25IN ALTRONIX PN:	**$153.00**
ALX-PD4UL	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, POWER DISTRIBUTION MODULE, (4) OUTPUTS, 5.21IN X 3.25IN X 1.0IN ALTRONIX PN: PD4UL	**$35.00**
ALX-PD4ULCB	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, POWER DISTRIBUTION MODULE, (4) PTC OUTPUTS, 5.21IN X 3.25IN X 1.0IN ALTRONIX PN: PD4ULCB	**$35.00**
ALX-PD8UL	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, POWER DISTRIBUTION MODULE, (8) OUTPUTS, 5.21IN X 3.25IN X 1.0IN ALTRONIX PN: PD8UL	**$39.00**
ALX-PD8ULCB	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, POWER DISTRIBUTION MODULE, (8) PTC OUTPUTS, 5.21IN X 3.25IN X 1.0IN ALTRONIX PN: PD8ULCB	**$39.00**
ALX-PDS8	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, DUAL INPUT POWER DISTRIBUTION MODULE, (8) OUTPUTS, 5.375IN X 3.0IN X 1.0IN ALTRONIX PN: PDS8	**$51.46**
ALX-PDS8K1	TROVE Series Power Distribution / Sub Assemblies, Dual Input Power Distribution Module and Voltage Regulator Kit includes PDS8 and VR6 ALTRONIX PN: PDS8K1	**$129.29**
ALX-PDS8CB	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, DUAL INPUT POWER DISTRIBUTION MODULE, (8) PTC OUTPUTS, 5.375IN X 3.0IN X 1.0IN ALTRONIX PN:	**$51.46**
ALX-PDS8CBK1	TROVE Series Power Distribution / Sub Assemblies, Dual Input Power Distribution Module and Voltage Regulator Kit includes PDS8 and VR6 ALTRONIX PN: PDS8CBK1	**$129.29**
ALX-PD16W	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, POWER DISTRIBUTION MODULE, (16) OUTPUTS, 5.875IN X 6IN X 0.95IN ALTRONIX PN: PD16W	**$57.00**
ALX-PD16WCB	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, POWER DISTRIBUTION MODULE, (16) PTC OUTPUTS, 5.875IN X 6IN X 0.95IN ALTRONIX PN: PD16WCB	**$57.00**
ALX-LINQ8PD	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, NETWORK POWER DISTRIBUTION MODULE, CONTROL, MONITOR AND REPORT POWER/DIAGNOSTICS, (8) OUTPUTS, 5.5IN X 3.625IN X 0.96IN ALTRONIX PN: LINQ8PD	**$297.64**
ALX-LINQ8PDCB	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, NETWORK POWER DISTRIBUTION MODULE, CONTROL, MONITOR AND REPORT POWER/DIAGNOSTICS, (8) PTC OUTPUTS, 5.5IN X 3.625IN X 0.96IN ALTRONIX PN: LINQ8PDCB	**$297.64**
ALX-LINQ2	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, NETWORK COMMUNICATION MODULE, CONNECT UPTO (2) EFLOW POWER SUPPLY/CHARGERS, 3.25IN X 3.65IN X 0.96IN ALTRONIX PN: LINQ2	**$151.66**
ALX-VR6	TROVE SERIES POWER DISTRIBUTION / SUB ASSEMBLIES, SUB ASSEMBLY, VOLTAGE REGULATOR, FOR USE WITH PDS8/CB, AMCS8/CB OR LINQ8PD/CB, (1) OUTPUTS, CONVERTS 24VDC TO 12VDC OR 5VDC, 5.375IN X 3.0IN X 1.0IN ALTRONIX PN: VR6	**$77.00**
Optional Accessories for TROVE Series		
ALX-BL3	18IN BATTERY LEADS (BLACK AND RED) ALTRONIX PN: BL3	**$4.00**
ALX-BL4	8IN BATTERY SERIES JUMPERS (YELLOW) ALTRONIX PN: BL4	**$3.30**
ALX-BL6	68IN BATTERY LEADS (BLACK AND READ) ALTRONIX PN: BL6	**$9.00**
ALX-RSB2	ROCKER SWITCH BRACKET - INCLUDES TWO (2) MASTER POWER ON/OFF SWICTHES AND WIRES ALTRONIX PN: RSB2	**$46.66**
ALX-WM5	MAGNETRIC CABLE TIE MOUNT. ACCOMMODATES STANDARD ZIP TIES. 16 LBS HOLDING FORCE. PACK OF 5. ALTRONIX PN: WM5	**$24.94**
ALX-WM25	MAGNETRIC CABLE TIE MOUNT. ACCOMMODATES STANDARD ZIP TIES. 16 LBS HOLDING FORCE. PACK OF 25. ALTRONIX PN: WM25	**$107.63**

LifeSafety Power Supplies and Enclosures for LenelS2

LifeSafety Power (LSP) is now providing their Integrated Access Control Power Systems and Enclosures for LenelS2 installations. There are many configurations and options. If there is an exact LSP configuration you need, please provide the complete LSP part number to the LenelS2 Inside Sales Team, and LenelS2 can match it.

The standard LSP items for LenelS2 are built with a dual voltage Power Supply (either FPO75/B100 or FPO150/B100), with 120 VAC input for the standard version, and CE version has 208-230 VAC input. All distribution modules incorporate PTC technology instead of fuses. There is an option for connection of the power supply to the network for remote management and monitoring of power power and M8P. There are eight different enclosures, from a 4 door 19" rack version, to a 36x30x6.5, 8 full size panels (LNL-1320) for 16 doors enclosure. Some LSP configurations offers pre-wiring of power and communications to boards within the enclosures. If space allows, Panduit can be provided for pre-wiring, otherwise tie-wrap is generally offered. You must provide one of 4 board configurations for pre-wiring.

The basic structure of the Lenel part number for the LSP items is:

LSP-[CE option][door count]DR[network option]-[enclosure][Pre-Wire Option][Board Configuration]

There is also an alternative CTX offering, with single voltage power supply, and either up to 3, 5, or 10 LNL hardware panels (6, 10 or 20 doors).

The following are the LSP Part Number Details (Lenel part number incorporate these items in different configurations):

Configuration Option	LSP base part	Description
Power Supply	FPO75/B100	2A@12V and 2A@24V DC, 75W maximum combined output power Input 120VAC 50/60Hz | Overload and short circuit protection | Over temperature protection
	CE version	Input 208-230VAC 50/60Hz | Overload and short circuit protection | Over temperature protection
Efficiency / BTU		System Efficiency: 86%, System BTU Rating: 33 BTU/Hr
Battery Charging		Independent built-in 1A charger for sealed lead-acid or gel type batteries, Microprocessor dual rate charging of 12 or 24V battery sets; Automatic switchover to standby battery when AC fails | Zero voltage drop when switched over to battery backup
Power Supply	FPO150/B100	4A@12V and 4A@24V DC, 150W maximum combined output power Input 120VAC 50/60Hz | Overload and short circuit protection | Over temperature protection
	CE version	Input 208-230VAC 50/60Hz | Overload and short circuit protection | Over temperature protection
Efficiency / BTU		System Efficiency: 88%, System BTU Rating: 66 BTU/Hr
Battery Charging		Independent built-in 2A charger for sealed lead-acid or gel type batteries, Microprocessor dual rate charging of 12 or 24V battery sets; Automatic switchover to standby battery when AC fails | Zero voltage drop when switched over to battery backup
Power Supply	FPO150/250	12A@12V or 6A@24V DC (FPO150), 20A@12V or 10A@24V DC (FPO250) Input 120VAC 50/60Hz | Overload and short circuit protection | Over temperature protection
	CE version	Input 208-230VAC 50/60Hz | Overload and short circuit protection | Over temperature protection
Efficiency / BTU		System Efficiency: 87%, System BTU Rating: 175 BTU/Hr
Battery Charging		Independent built-in 2A charger for sealed lead-acid or gel type batteries, Microprocessor dual rate charging of 12 or 24V battery sets; Automatic switchover to standby battery when AC fails | Zero voltage drop when switched over to battery backup

LifeSafety Power Supplies and Enclosures for LenelS2 (Cont'd)

Configuration Option	LSP base part	Description
Power Supply Regulation		Tight 12 or 24VDC regulated output, 120 mV output voltage ripple System Efficiency: 86%, System BTU Rating: 33 BTU/Hr
Supervision		AC Fault (form "C" contacts) | System Fault (form "C" contacts); System Fault conditions: Low or no battery | short to earth ground | power supply failure
Distribution Modules	D8P	8 auxiliary outputs, class II power limited at 2.5A per output
	C4P	Standard systems: 4 relay lock control outputs, class II power limited at 2.5A per output
	C8P	Standard systems: 8 relay lock control outputs, class II power limited at 2.5A per output
	M8P	Networked systems: 8 relay managed outputs, class II power limited at 2.5A per output
Network Management	NL4	Four port module. Monitors and reports power supply status. Tests and reports battery health status
	M8P	Monitors eight (8) individual outputs. Remote reset each output. Set window thresholds for voltage & current
Enclosures	RGM	2U rack mount (19.00"W x 3.50"H x 20.50"D) | Weight 24 lbs. | Z bracket wire management articulating arm
	E2M	Size: 20.00H x 16.00W x 4.50D in. 51.00 x 41.00 x 12 cm) | Weight: 18 lbs. | 2 panels main b/p
	E4M	Size: 24.00H x 20.00W x 6.50D in. 61.00 x 51.00 x 12 cm) | Weight: 25 lbs. | 2 panels main b/p
	E4M1	Size: 24.00H x 20.00W x 6.50D in. 61.00 x 51.00 x 12 cm) | Weight: 25 lbs. | 2 panels main b/p and 2 panels door
	E6M	Size: 30.00H x 23.00W x 6.50D in. (76.00 x 58.00 x 16 cm) | Weight: 45 lbs. | 3 panels main b/p and 5 panels door
	E6M1	Size: 30.00H x 23.00W x 6.50D in. (76.00 x 58.00 x 16 cm) | Weight: 45 lbs. | 3 panels main b/p and 5 panels door
	E8M1	Size: 36.00H x 30.00W x 6.50D in. (91 x 76 x 17 cm) | Weight: 70 lbs. | E8M1: 6 panels main b/p and 2 panels door
	E8M2	Size: 36.00H x 30.00W x 6.50D in. (91 x 76 x 17 cm) | Weight: 70 lbs. | E8M2: 8 panels main b/p
Optional Pre-wired Type	WP	Panduit with pre-wired board power and communications
	WT	Tie-Wrapped pre-wired board power and communications
Board Configuration	A	Controller: LNL-X2220, LNL-X4420, LNL-2220; Reader Interfaces: LNL-1320-S3, LNL-1320
	B	Controller: LNL-X3300, LNL-3300; Reader Interfaces: LNL-1320-S3, LNL-1320
	C	All Reader Interfaces: LNL-1320-S3, LNL-1320
	D	Controller: LNL-4420 only, use "A" for LNL-X4420; Reader Interfaces: LNL-1320-S3, LNL-1320
Regulatory Compliance		UL294, UL1076 ULC S318, S319 | CSA C22.2 #107.1 | FCC Part 15, Subpart B | ROHS | WEEE | CE

LifeSafety Power Supplies and Enclosures for Lenel (Cont'd)

<u>Part #</u>	<u>Description</u>	<u>Cost</u>
Sample 4 Door Configurations		
LSP-4DR-E4M	LSP-4DR, E4M 24H X 20W ENCL, FITS TWO LNL CONTROLLERS, 2A 12VDC SYSTEM AND 2A 24VDC LOCK, 8 AUX PTC AND 4 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO75-B100C4PD8PE4M	**$575**
LSP-4DR-E4MWTA	LSP-4DR, E4M 24H X 20W ENCL, PREWIRED FOR X2220, X4420, 2220, 1320, TIE WRAP, 2A 12VDC SYSTEM AND 2A 24VDC LOCK, 8 AUX PTC AND 4 LOCK PTC OUTPUTS,FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO75-B100C4PD8PE4M/T4-A	**$833**
LSP-4DRN-E4M	LSP-4DR-NET, E4M 24H X 20W ENCL, FITS TWO LNL CONTROLLERS, 2A 12VDC SYSTEM AND 2A 24VDC LOCK, 8 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO75-B100M8PNL4E4M	**$918**
LSP-4DRN-E4MWTA	LSP-4DR-NET, E4M 24H X 20W ENCL, PREWIRED FOR X2220, X4420, 2220, 1320, TIE WRAP, 2A 12VDC SYSTEM AND 2A 24VDC LOCK, 8 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO75-B100M8PNL4E4M/T4-A	**$1,191**
LSP-4DR-RGM	LSP-4DR RACKDRAWER, FITS (2) LENEL PANELS, POWER: 2A 12VDC SYSTEM AND 2A 24VDC LOCK, 8 LOCK PTC OUTPUTS, ENCL 19.00Wx3.50Hx20.50D W/ LOCKSET, WIRE MGMT ARM, UL CUL, LIFETIME WARRANTY, RGM75B-C8PZ	**$1,004**
LSP-4DR-RGMWTA	LSP-4DR RACKDRAWER, FITS (2) LENEL PANELS PREWIRED FOR X2220, X4420, 2220, 1320 TIE WRAP. POWER: 2A 12VDC SYSTEM AND 2A 24VDC LOCK 8 LOCK PTC OUTPUTS, ENCL 19.00x3.50x20.50 W/ LOCKSET, WIRE MGMT ARM, UL CUL, LIFETIME WARRANTY, RGM75B-C8PZ/T4-A	**$1,348**
LSP-4DRN-RGM	LSP-4DR NETWORK RACKDRAWER, FITS (2) LENEL PANELS, 2A 12VDC SYSTEM AND 2A 24VDC LOCK, 8 MANAGED PTC OUTPUTS, ENCL 19.00W x 3.50H x 20.50D W/ LOCKSET, WIRE MGMT ARM, UL CUL, LIFETIME WARRANTY, RGM75-M8PNZ	**$1,348**
LSP-4DRN-RGMWTA	LSP-4DR NETWORK RACKDRAWER, FITS (2) LENEL PANELS PREWIRED FOR X2220, X4420, 2220 AND 1320 TIE WRAP, POWER: 2A 12VDC SYS AND 2A 24VDC LOCK, 8 MANAGED PTC OUTS, ENCL 19.00Wx3.50Hx20.50D W/ LOCKSET, WIRE MGMT ARM, ULCUL, LIFETIME WRTY, RGM75B-M8PNZ/T4-A	**$1,781**
Sample 8 Door Configurations		
LSP-8DR-E4M1	LSP-8DR, E4M1 24H X 20W ENCL WITH DOOR MOUNT, FITS FOUR LNL CONTROLLERS (TWO MAIN, TWO DOOR), 4A 12VDC SYSTEM AND 4A 24VDC LOCK, 8 AUX PTC AND 8 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150-B100C8PD8PE4M1	**$777**
LSP-8DR-E4M1WTA	LSP-8DR, E4M1 24H X 20W ENCL WITH DOOR MOUNT, PREWIRED FOR X2220, X4420, 2220 AND (3) 1320, TIE WRAP, 4A 12VDC SYSTEM AND 4A 24VDC LOCK, 16 AUX PTC AND 8 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150-B100C8P2D8PE4M1/T8-A	**$1,383**
LSP-8DR-E6M	LSP-8DR, E6M 30H X 23W ENCL, FITS FOUR LNL CONTROLLERS, 4A 12VDC SYSTEM AND 4A 24VDC LOCK, 8 AUX PTC AND 8 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150-B100C8PD8PE6M	**$1,034**
LSP-8DR-E6MWPA	LSP-8DR, E6M 30H X 23W ENCL, PREWIRED FOR X2220, X4420, 2220 AND (3) 1320, PANDUIT, 4A 12VDC SYSTEM AND 4A 24VDC LOCK, 16 AUX PTC AND 8 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150-B100C8P2D8PE6M/P8-A	**$1,719**
LSP-8DRN-E4M1	LSP-8DR-NET, E4M1 24H X 20W ENCL WITH DOOR MOUNT, FITS FOUR LNL CONTROLLERS, 4A 12VDC SYSTEM AND 4A 24VDC LOCK, 8 AUX PTC AND 8 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150-B100D8PM8PNL4E4M1	**$1,138**
LSP-8DRN-E4M1WTA	LSP-8DR-NET, E4M1 24H X 20W ENCL WITH DOOR MOUNT, PREWIRED FOR X2220, X4420, 2220 AND (3) 1320, TIE WRAP, 4A 12VDC SYSTEM AND 4A 24VDC LOCK, 16 AUX PTC AND 8 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150-B1002D8PM8PNL4E4M1/T8-A	**$1,760**

LifeSafety Power Supplies and Enclosures for LenelS2 (Cont'd)

Part #	Description	Cost

Sample 8 Door Configurations (Cont'd)

Part #	Description	Cost
LSP-8DRN-E6M	LSP-8DR-NET, E6M 30H X 23W ENCL, FITS FOUR LNL CONTROLLERS, 4A 12VDC SYSTEM AND 4A 24VDC LOCK, 8 AUX PTC AND 8 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150-B100D8PM8PNL4E6M	**$1,430**
LSP-8DRN-E6MWPA	LSP-8DR-NET, E6M 30H X 23W ENCL, PREWIRED FOR X2220, X4420, 2220 AND (3) 1320, PANDUIT, 4A 12VDC SYSTEM AND 4A 24VDC LOCK, 16 AUX PTC AND 8 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150-B1002D8PM8PNL4E6M/P8-A	**$2,094**

Sample 16 Door Configurations

Part #	Description	Cost
LSP-16DR-E6M1	LSP-16DR, E6M1 30H X 23W ENCL, FITS EIGHT LNL CONTROLLERS, 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 16 AUX PTC AND 16 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-2C8P2D8PE6M1	**$1,490**
LSP-16DR-E6M1WPA	LSP-16DR, E6M1 30H X 23W ENCL, PREWIRED FOR X2220, X4420, 2220 AND 7 1320, PANDUIT, 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 24 AUX PTC AND 16 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-2C8P3D8PE6M1/P16-A	**$2,754**
LSP-16DR-E8M1	LSP-16DR, E8M1 36H X 30W ENCL, FITS 8 LENEL CONTROLLERS PLUS (2) IO BOARDS, 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 16 AUX PTC AND 16 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-2C8P2D8PE8M1	**$1,721**
LSP-16DR-E8M1WPA	LSP-16DR, E8M1 36H X 30W ENCL, PREWIRED FOR X2220, X4420, 2220 AND 7 1320 PANDUIT (WITH IO SPACE), 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 24 AUX PTC AND 16 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-2C8P3D8PE8M1/P16-A	**$3,117**
LSP-16DR-E8M2	LSP-16DR, E8M2 36H X 30W ENCL, FITS EIGHT LNL CONTROLLERS, 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 16 AUX PTC AND 16 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-2C8P2D8PE8M2	**$1,634**
LSP-16DR-E8M2WPA	LSP-16DR, E8M2 36H X 30W ENCL, PREWIRED FOR X2220, X4420, 2220 AND 7 1320, PANDUIT, 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 24 AUX PTC AND 16 LOCK PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-2C8P3D8PE8M2/P16-A	**$2,857**
LSP-16DRN-E6M1	LSP-16DR-NET, E6M1 30H X 23W ENCL, FITS EIGHT LNL CONTROLLERS, 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 16 AUX PTC AND 16 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-2D8P2M8PNL4E6M1	**$1,972**
LSP-16DRN-E6M1WPA	LSP-16DR-NET, E6M1 30H X 23W ENCL, PREWIRED FOR X2220, X4420, 2220 AND 7 1320, PANDUIT, 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 24 AUX PTC AND 16 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-3D8P2M8PNL4E6M1/P16-A	**$3,256**
LSP-16DRN-E8M1	LSP-16DR-NET, E8M1 36H X 30W ENCL, FITS EIGHT LNL CONTROLLERS PLUS (2) IO BOARDS, 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 16 AUX PTC AND 16 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-2D8P2M8PNL4E8M1	**$2,203**
LSP-16DRN-E8M1WPA	LSP-16DR-NET, E8M1 36HX30W ENCL PREWIRED FOR X2220, X4420, 2220 AND 7 1320 PANDUIT (WITH IO SPACE) 12A 12VDC SYSTEM AND 10A 24VDC LOCK 24 AUX PTC AND 16 MANAGED PTC OUTPUTS FITS 8AH BATTERY SETS, UL CUL, LIFETIME WRTY, FPO150/250-3D8P2M8PNL4E8M1/P16-A	**$3,619**

LifeSafety Power Supplies and Enclosures for LenelS2 (Cont'd)

Sample 16 Door Configurations (Cont'd)

Part #	Description	Cost
LSP-16DRN-E8M2	LSP-16DR-NET, E8M2 36H X 30W ENCL, FITS EIGHT LNL CONTROLLERS, 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 16 AUX PTC AND 16 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-2D8P2M8PNL4E8M2	**$2,115**
LSP-16DRN-E8M2WPA	LSP-16DR-NET, E8M2 36H X 30W ENCL, PREWIRED FOR X2220, X4420, 2220 AND 7 1320, PANDUIT, 12A 12VDC SYSTEM AND 10A 24VDC LOCK, 24 AUX PTC AND 16 MANAGED PTC OUTPUTS, FITS 8AH BATTERY SETS, UL CUL, LIFETIME WARRANTY, FPO150/250-3D8P2M8PNL4E8M2/P16-A	**$3,359**

PoE Equipment

Part #	Description	Cost
LSP-NPR250-16M	250W 16 PORT POE MIDSPAN INJECTOR, 1U HEIGHT 19.0W x 1.75H x 15.50D, NETWORK MANAGED, REMOTE PORT SHUTDOWN, 48V BATTERY CHARGER, UL 60950-1, CSA C22.2 NO. 60950-1, CE, LIFETIME WARRANTY, NPR250-16M	**$1,340**
LSP-NPR500-16M	500W 16 PORT POE MIDSPAN INJECTOR, 1U HEIGHT 19.0W x 1.75H x 15.50D, NETWORK MANAGED, REMOTE PORT SHUTDOWN, 48V BATTERY CHARGER, UL 60950-1, CSA C22.2 NO. 60950-1, CE, LIFETIME WARRANTY, NPR500-16M	**$1,508**

Alternatives to LNL-AL400ULX and LNL-AL600ULX-4CB6, Single Voltage Power Supply - PRE-

Part #	Description	Cost
LSP-CTX4DR	LSP 4DR PRE-WIRED CTX CROSS - SINGLE VOLTAGE. PRE-WIRED FOR TWO (2) LENEL PANELS ON MAIN. 4A 12VDC WITH FAI, LOW BATTERY DISCONNECT NETWORK READY FITS 8AH BATTERY SETS, 20H X 16W ENCL, UL CUL, LIFETIME WARRANTY, FPV4-E2M	**$367**
LSP-CTX6DR	LSP 6DR PRE-WIRED CTX CROSS - SINGLE VOLTAGE. PRE-WIRED FOR THREE (3) LENEL PANELS ON MAIN. 4A 12VDC WITH 8 AUXILIARY PTC OUTPUTS, FAI, LOW BATTERY DISCONNECT, NETWORK READY, FITS 8AH BATTERY SETS, 20H X 16W ENCL, UL CUL, LIFETIME WARRANTY, FPV4-D8PE2M	**$386**
LSP-CTX12DR	LSP 12DR PRE-WIRED CTX 10A 12VDC. PRE-WIRED FOR TWO (2) LENEL PANELS ON MAIN, FOUR ON (4) DOOR. 8 AUXILIARY PTC OUTPUTS, FAI, LOW BATTERY DISCONNECT NETWORK READY FITS 8AH BATTERYS, 20H X 16W ENCL, UL CUL, LIFETIME WARRANTY, FPV102-D8PE2M1	**$508**
LSP-CTX20DR	LSP 20DR PRE-WIRED CTX 10A 12VDC. PRE-WIRED FOR FOUR (4) LENEL PANELS ON MAIN, SIX (6) ON DOOR. 16 AUXILIARY PTC OUTPUTS, FAI, LOW BATTERY DISCONNECT NETWORK READY FITS 8AH BATTERYS, 24H X 20W ENCL, UL CUL, LIFETIME WARRANTY, FPV102-2D8PE4M1	**$680**

Door Lock Power Supplies in Enclosure

Part #	Description	Cost
LSP-6DRLOCK-PWR	LSP LOCK POWER SUPPLY, 3A AT 24VDC OR 4A AT 12VDC, 8 LOCK OUTPUTS WITH INPUTS, FUSED AT 3A EACH, FAI, LOW BATTERY DISCONNECT, NETWORK READY, FITS 8AH BATTERY SETS, 14HX12WX4.5D, UL, CUL, LIFETIME WARRANTY, FPV4-	**$248**
LSP-12DRLOCK-PWR	LSP LOCK POWER SUPPLY, 6A AT 24VDC OR 6A AT 12VDC, 16 LOCK OUTPUTS WITH INPUTS, FUSED AT 3A EACH, FAI, LOW BATTERY DISCONNECT, NETWORK READY, FITS 8AH BATTERY SETS, 20HX16WX4.5D, UL, CUL, LIFETIME WARRANTY, FPV6-	**$542**
LSP-20DRLOCK-PWR	LSP LOCK POWER SUPPLY, 10A AT 24VDC, 24 LOCK OUTPUTS WITH INPUTS, FUSED AT 3A EACH, FAI, LOW BATTERY DISCONNECT, NETWORK READY, FITS 8AH BATTERY SETS, 20HX16WX4.5D, UL, CUL, LIFETIME WARRANTY, FPV104-3R8E2	**$632**

Power Supply in Enclosure

Part #	Description	Cost
LSP-75W-PS-ENCL	75W PS/CHARGER, 6A 12VDC OR 3A 24VDC, INTEGRATED FAI (FIRE ALARM INPUT), FAULT MONITORING, NETWORK READY, 14H X 12W ENCLOSURE, UL CUL, LIFETIME WARRANTY, FPO75-E1	**$278**
LSP-150W-PS-ENCL	150W PS/CHARGER, 12A 12VDC OR 6A 24VDC, INTEGRATED FAI (FIRE ALARM INPUT), FAULT MONITORING, NETWORK READY, 14H X 12W ENCLOSURE, UL CUL, LIFETIME WARRANTY, FPO150-E1	**$404**

LifeSafety Power Supplies and Enclosures for LenelS2 (Cont'd)

Part #	Description	Cost
Power Supply Board only		
LSP-FPO250W-PS-BRD	FPO 250W POWER SUPPLY BOARD INPUT 110/230VAC, OUTPUT 12V 20A OR 24V 10A, 80AH BATTERY CHARGER INTEGRATED FAI, FAULT MONITORING, NETWORK READY, 8.25W x 5.5H x 2.5D INCLUDES MOUNTING HARDWARE, UL CUL, LIFETIME WARRANTY, FPO250	**$318**
LSP-FPO75W-PS-BRD	FPO 75W POWER SUPPLY BOARD, INPUT 110/230VAC, OUTPUT 12V 6A OR 24V 3A, 40AH BATTERY CHARGER, INTEGRATED FAI, FAULT MONITORING, NETWORK READY, 4.0Wx6.0Hx2.5D INCLUDES MOUNTING HARDWARE, UL CUL, LIFETIME WARRANTY, FPO75	**$154**
Enclosures Only		
LSP-E1M	E1M ENCLOSURE WITH LENEL BOARD MOUNTING, 14H x 12W x 4.5D, BACKPLATE PATTERN FOR (1) CONTROLLER, MOUNTING KIT, TAMPER SWITCH AND LOCKSET INCLUDED, UL, CUL, LIFETIME WARRANTY, E1M	**$236**
LSP-E2M	E2M ENCLOSURE WITH LENEL BOARD MOUNTING, 20H x 16W x 4.5D, BACKPLATE PATTERN FOR (4) CONTROLLERS (2-3) WITH POWER, TAMPER SWITCH AND LOCKSET INCLUDED, UL, CUL, LIFETIME WARRANTY, E2M	**$270**
LSP-E4M	E4M ENCLOSURE WITH LENEL BOARD MOUNTING, 24H x 20W x 6.5D, BACKPLATE PATTERN FOR (6) CONTROLLERS (4-5) WITH POWER, TAMPER SWITCH AND LOCKSET INCLUDED, UL, CUL, LIFETIME WARRANTY, E4M	**$326**
LSP-E4M1	E4M1 ENCLOSURE WITH LENEL BOARD MOUNTING IN MAIN AND DOOR, 24H x 20W x 6.5D, BACKPLATE PATTERN FOR (12) CONTROLLERS (8-10) WITH POWER, TAMPER SWITCH AND LOCKSET INCLUDED, UL, CUL, LIFETIME WARRANTY, E4M1	**$460**
LSP-E6M	E6M ENCLOSURE WITH LENEL BOARD MOUNTING, 30H x 23W x 6.5D, BACKPLATE PATTERN FOR (6) CONTROLLERS (4-5) WITH POWER, TAMPER SWITCH AND LOCKSET INCLUDED, UL, CUL, LIFETIME WARRANTY, E6M	**$649**
LSP-E6M1	E6M1 ENCLOSURE WITH LENEL BOARD MOUNTING ON BACKPLATE AND DOOR, 30H x 23W x 6.5D, BACKPLATE PATTERN FOR (12) CONTROLLERS (8-10) WITH POWER, TAMPER SWITCH AND LOCKSET INCLUDED, UL, CUL, LIFETIME WARRANTY, E6M1	**$803**
LSP-E8M	E8M ENCLOSURE WITH LENEL BOARD MOUNTING, 36H x 30W x 6.5D, BACKPLATE PATTERN FOR (6) CONTROLLERS WITH POWER, TAMPER SWITCH AND LOCKSET INCLUDED, UL, CUL, LIFETIME WARRANTY, E8M	**$780**
LSP-E8M1	E8M1 ENCLOSURE WITH LENEL BOARD MOUNTING ON BACKPLATE AND DOOR, 36H x 30W x 6.5D, BACKPLATE PATTERN FOR (12) CONTROLLERS WITH POWER, TAMPER SWITCH AND LOCKSET INCLUDED, UL, CUL, LIFETIME WARRANTY, E8M1	**$940**
LSP-E8M2	E8M2 ENCLOSURE WITH LENEL BOARD MOUNTING, 36H x 30W x 6.5D, BACKPLATE PATTERN FOR (8) CONTROLLERS WITH POWER, TAMPER SWITCH AND LOCKSET INCLUDED, UL, CUL, LIFETIME WARRANTY, E8M2	**$860**
LSP-E8MH	E8MH ENCLOSURE WITH LENEL BOARD MOUNTING, 36H x 30W x 6.5D, BACKPLATE PATTERN FOR (9) CONTROLLERS (7-8) WITH POWER, TAMPER SWITCH AND LOCKSET INCLUDED, UL, CUL, LIFETIME WARRANTY, E8MH	**$934**
LSP-EDGE-ENCL	POE ENCLOSURE FOR LNL-2210, 8.5H x 11W x 3.0D, ACCOMMODATES UP TO TWO LNL-2210 CONTROLLERS, MOUNTING KIT AND LOCKSET INCLUDED, LIFETIME WARRANTY, E5M	**$90**
LSP-EDGE-PWR-SML	LSP-EDGE-SMALL, E5M, 8.5H X 11W ENCL, FITS (1) LNL-2210 PANEL WITH 4AH BATTERY, POWER: 6A 12VDC OR 3A 24VDC, UL294, CUL S319, LIFETIME WARRANTY, FPO75-E5M	**$216**
LSP-EDGE-PWR-LRG	LSP-EDGE-LARGE, E1M, 14H X 12W ENCL, FITS (1) LNL-2210 PANEL WITH TWO 7AH BATTERIES, POWER: 6A 12VDC OR 3A 24VDC, FOUR LOCK OUTPUTS WITH INPUTS, PTC, CLASS 2 POWER LIMITED AT 2.5A, UL294, CUL S319, LIFETIME WARRANTY, FPO75-C4PE1M	**$379**
LSP-RBE	BATTERY RACKMOUNT ENCLOSURE, 19.00W x 3.50H x 20.50D (2 OR 4 POST RACK), HOLDS UP TO FOUR (4) 12VDC, 7 - 8AH BATTERIES, LIFETIME WARRANTY, RBE	**$340**

LifeSafety Power Supplies and Enclosures for LenelS2 (Cont'd)

Software

LifeSafety Power's MSM Enterprise is a Windows PC based software package which allows central management of multiple LifeSafety Power network managed power systems. The Multi Site Manager (MSM) server allows the user to connect any network connected LSP device within a local network or via the internet from anywhere in the world. The included web browser interface allows access to the MSM from any location using the local network or through the internet using any web browser on a PC, Mac, tablet, smartphone, or other device.

All connected devices can be monitored for status and firmware revision on a single screen. Batch firmware updates simplify the process of keeping NetLink devices updated to the latest feature set and cybersecurity standards. Advanced analytics features of MSM Enterprise include a critical events list, formatted dashboard display of historical data, statistical data, and advanced charting and reporting features.

System Requirements:
Operating System: Windows 7, Windows 10, Windows Server 2008, Windows Server 2012, or Windows Server 2016
Processor: Intel Core i5 (minimum) - Intel Core i7 preferred
Memory: 8GB RAM (minimum)
Drive Space: 10GB free (minimum)

Software is downloaded from https://lifesafetypower.com/support/software-firmware-downloads

LSP-MSM-25 is software license for 25 units to attach to MSM Enterprise Software. Multiples may be ordered to increase for single system capacity.

Part #	Description	Cost
LSP-MSM-25	BLOCK OF 25 LICENSES FOR MSM-ENTERPRISE. PURCHASE MULTIPLE BLOCKS FOR ADDITIONAL LICENSES. LSP ITEM: MSM-25	$500

Lenel M Series

Lenel is now offering the Lenel M Series, an Access Control Hardware family which facilities customers migrating from Picture Perfect, Secure Perfect and FCWnx hardware. The Lenel M Series CPU Board, Reader Interface Boards, and I/O boards are plug compatible to the legacy Micro Series boards, and allow simple, speedy migration from legacy hardware to OnGuard Compatible hardware.

One for One Replacement

Legacy Description	Legacy Part Number	Lenel M Series Part Number
PX CPU	M05BDSP / M05BDPP	
PXN CPU	M05BLSP / M05BLPP	LNL-3300-M5
PXNplus CPU	M5PBMSP / M5PBMPP	
2RP	110063001	LNL-1320-2RP
2SRP	110101501	LNL-1320-S2RP
8RP	110100501	LNL-1380-8RP
20 DI	110072003	LNL-1100-20DI
16 D0	110071001	LNL-1200-16DO
16 DOR	110078001	LNL-1200-16DOR
		LNL-8000-MCOM
M2000		LNL-1340-M2K

- When converting to Lenel M Series, all boards connecting to the controller backplane must be from the same family.
- Lenel M Series boards cannot be mixed with Legacy M5/M3000 boards in the same controller.
- The Lenel M Series boards only work with OnGuard 6.6 (OnGuard 2013) Service Pack 1 or higher versions of OnGuard.
- Lenel M Series provide all the benefits of Mercury Authentic Hardware.

Part #	Description	Cost
Lenel M Series Boards		
LNL-3300-M5	Intelligent System Controller, 12 VDC, Size (4 in. W x 10.25 in. L) RoHS	**$1,795**
LNL-8000-MCOM	Power/ Communications Module-Provides RS485 comm & Power to enclosure; Size (4 in. W x 10.25 in. L) RoHS	**$395**
LNL-1320-2RP	Dual Reader Interface Module (Supports Wiegand, Magstripe, F2F, Supervised F2F Rdr). 12/ VDC; 2 Rdr interface;4 unsupervised inputs; 6 (5A) form C relays ; RoHS	**$858**
LNL-1320-S2RP	Dual Reader Interface Module (Supports Wiegand, Magstripe, F2F & SF2FRdr) 12 VDC; 2 Rdr interface; 4 supervised inputs; 6 (5A) form C relays ; RoHS	**$858**
LNL-1380-8RP	Eight Reader Interface Module (Supports SF2F Rdr) 12/VDC; 8 Rdr interface; RoHS	**$1,400**
LNL-1200-16DO	Output Control Module, 12 VDC; 16 driver open collector module ; RoHS	**$858**
LNL-1200-16DOR	Output Control Module, 12 VDC; 16 relay output control module ; RoHS	**$858**
LNL-1100-20DI	Input Control Module, 12 VDC; 20 zone input module RoHS	**$893**
LNL-1340-M2K	Bridge Board for GE/CASI M2000 IO board. 4 SF2F Readers, 10 Inputs, 8 Relay Outputs. UL 294, CE, RoHS. Head-of-Line LNL-1340-M2K requires LNL-3300-M5. OnGuard 7.2 or	**$1,420**
LNL-8000-M5	8 Port RS-485 Multiplexer, form factor for M5/M3000 card cage, Typically replaces 8RP. Reuse existing wiring to deploy LNL-1300 in WIU or M/RJ location, allows upgrade to new reader technologies such as encrypted OSDP	**$625**

Lenel ACU Series

LenelS2 is now offering the Lenel ACU Series, an Access Control Hardware family which facilities customers migrating from Infographics and FCWnx ACU family hardware. The Lenel ACU Series ISC Boards are plug compatible to the legacy ACU Series boards, and allow simple, speedy migration from legacy hardware to OnGuard Compatible hardware. Legacy Reader Interface Boards (RRE1, RRE2 and RRE4) and legacy I/O Boards (RIM16 and RRM 16) can remain in place, the Lenel ACU Series ISCs can communicate with them. SWG-1635 is required to configure ACU Controllers in OnGuard.

Legacy Product Description	Legacy Part Number	Lenel ACU Series Part Number
ACURT4 Controller (Topaz Controller	ACURT2	LNL-2240-RS4
	ACURT4	
ACURS4 Controller	ACURS2	
	ACURS4	
ACU-XL16 Controller	ACUXL16	LNL-3300-ACUXL

- When converting to Lenel ACU Series, remove the legacy controller from cabinet, replace with Lenel ACU Series ISC, which mounts to the same standoffs, and uses the same connectors.
- Lenel ACU Series boards
- The Lenel ACU Series boards only work with OnGuard 7.3 or higher versions of OnGuard.
- Lenel ACU Series provide all the benefits of Mercury Authentic Hardware
- Lenel ACU Series ISC can support standard LNL reader interfaces and IO boards (LNL-1300/1320/1100/1200), but LNL standard hardware cannot be mixed on the same bus as Legacy Infographics reader interfaces or I/O (RRE1/RRE2/RR4/RIM16/RRM16).
- Lenel ACU Series ISC only communicate via IP connection to OnGuard.

Part #	Description	Cost
	Lenel ACU Series Boards	
LNL-2240-RS4	Replacement ISC for ACURS2, ACURS4, ACURT2 and ACURT4 Controllers, only communicates to OnGuard 7.3 or higher.. Board only. Connectors not included	**$2,315**
LNL-3300-ACUXL	Replacement ISC for ACUXL16 Controller, only communicates to OnGuard 7.3 or higher.. Board Only. Connectors Not Included.	**$2,433**

Lenel SH Series

LenelS2 is now offering the Lenel SH Series, an Access Control Hardware family which facilities customers migrating from SOFTWARE HOUSE® C·CURE® and iSTAR® Pro to OnGuard.

The Lenel SH Series consists of a CPU Board, Reader Interface Boards and I/O boards; all of which are plug compatible to the legacy iSTAR Pro boards, and allow simple, speedy migration from legacy hardware to OnGuard Compatible hardware.

One for One Replacement

Legacy Product Description	Legacy Part Number	Lenel SH Series Part Number
GCM	iStar Pro GCM	LNL-3300-GCM
ACM	iStar Pro ACM	LNL-1380-ACM
I/8	iStar Pro I/8	LNL-1100-I8
R/8	iStar Pro R/8	LNL-1200-R8

- When converting to Lenel SH Series, all boards connecting to the controller must be from the same family.

- Lenel SH Series boards cannot be mixed with Legacy iStar Pro boards in the same controller.

- The Lenel SH Series boards only work with OnGuard 7.3 or higher versions of OnGuard.

- Lenel SH Series provide all the benefits of Mercury Authentic Hardware

- Software House devices using RM communications cannot be connected to the SH series, and will typically need to be replaced with Lenel equivalents. RM-4 and RM-4E should be replaced by LNL-1300

Part #	Description	Cost
OnGuard License for SH Series Boards		
SWG-1645	Enable Support for Lenel SH Series Hardware. Allows LNL-3300-GCM ISC to be configured, and reader (LNL-1380-ACM) & alarm panels (LNL-1100-I8 and LNL-1200-R8) to be configured within the OnGuard 7.3 or higher system.	**No Charge**
Lenel SH Series Boards		
LNL-3300-GCM	Lenel Migration replacement for iSTAR Pro GCM Board. Board Only. No Connectors.	**$2,763**
LNL-1380-ACM	Lenel Migration replacement for iSTAR Pro ACM Board 8 Wiegand Reader Ports and 16 Inputs. Eight RS-485 ports that can support LNL-1300/LNL-1320 reader interfaces. Should not exceed eight readers per LNL-1380-ACM. . Board Only. No Connectors.	**$2,359**
LNL-1100-I8	Lenel Migration replacement for iSTAR Pro I8 Board. Eight Supervised Inputs. Board Only.	**$719**
LNL-1200-R8	Lenel Migration replacement for iSTAR Pro R8 Board. Eight Relay Outputs. Board Only.	**$809**

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Chapter 3: Card Readers/Cards/Card Printers and others

LenelS2 BlueDiamond™ Readers and Credentials for Smartphones

LenelS2 BlueDiamond™ Readers and Credentials allow Apple® and Android® phones/devices to be used as credentials for your OnGuard system.

The LenelS2 BlueDiamond readers use Bluetooth® 4.0 to communicate to supported smart devices, and also support a wide range of 125kHz and 13.56MHz traditional RFID credentials. OSDP, OSDP Secure Channel, Supervised F/2F output and Wiegand communications are supported, for the widest range of access panel compatibility.

NOTE: BlueDiamond readers will require a configuration card for SF/2F output protocol as well as for multiple BlueDiamond readers on a single reader port for OSDP. Please see the configuration card section for more details.

OnGuard System requirements for use of the BlueDiamond mobile credentials:

• OnGuard 7.3 or higher
• Internet access for OnGuard computers (Server/Client) used to issue Mobile Credentials
• Internet access for OnGuard OpenAccess Server when Mobile Credentials are issued from the OnGuard Credentials web app
• Available email server configured for the OnGuard System to send Mobile Credential invitations

Supported Phones/Devices for the BlueDiamond Mobile App, must support Bluetooth communications and is available for: Apple iOS 10.0 (or newer) or Android 6.0.x (or newer). Apple Watch app is available for watchOS 2.2 (or newer).

NOTE: System ID Required Unless Purchasing New System.

Special Note: Submitted purchase orders for BlueDiamond credentials require a completed BlueDiamond Mobile Customer Account Form to be processed. The form can be found at the following link (or requested from Sales Support):

https://partner.lenel.com/guide/orders/order-forms

Part #	Descriptions	Cost
LenelS2 BlueDiamond Readers		
LNL-R11330-05TB	**BlueDiamond Multi-Tech Mini-Mullion Reader -** Bluetooth Low Energy for Lenel BlueDiamond Mobile smartphone credential, Mifare/DESFire EV1/EV2 Open Encoding, HID iCLASS, HID Proximity, LenelProx, and ProxLite. Connects to access panel via Wiegand, Supervised F/2F (2-state or 4-state supervision); OSDP with Secure Channel encryption support, Terminal Block connection, Black (BDC-TREADER or BDC-OUTPUT configuration card required for F/2F output).	**$270**
LNL-R11320-05TB	**BlueDiamond Multi-Tech US Single Gang -** Multi-Tech, Bluetooth Low Energy for Lenel BlueDiamond Mobile smartphone credential, Mifare/DESFire EV1/EV2 Open Encoding, HID iCLASS, HID Proximity, LenelProx, and ProxLite. Connects to access panel via Wiegand, Supervised F/2F (2-state or 4-state supervision), OSDP with Secure Channel encryption support, Terminal Block connection, Black (BDC-TREADER or BDC-OUTPUT configuration card required for F/2F output).	**$395**
LNL-R11325-05TB	**BlueDiamond Multi-Tech US Single Gang Reader with Keypad -** Multi-Tech, Bluetooth Low Energy for Lenel BlueDiamond Mobile smartphone credential, Mifare/DESFire EV1/EV2 Open Encoding, HID iCLASS, HID Proximity, LenelProx, and ProxLite. Connects to access panel via Wiegand, Supervised F/2F (2-state or 4-state supervision), OSDP with Secure Channel encryption support, Terminal Block connection, Black (BDC-TREADER or BDC-OUTPUT configuration card required for F/2F output).	**$595**
LNL-R11030-85TB	**BlueDiamond Prox + Mobile Reader-** Mini-Mullion form-factor Proximity card reader with BlueDiamond mobile credential support. This reader can be used with standard 125kHz RFID badges and BlueDiamond mobile credentials as a stand-alone reader, or, this reader can also be wired in parallel with an existing non-Bluetooth Wiegand reader, allowing any door to be Bluetooth enabled. Whether mounted near the door in an inconspicuous location or adjacent to it, this device will update a legacy system with the latest technology, while continuing to support existing badges - regardless of card technology or format. No additional reader license is required for this configuration.	**$250**
BlueDiamond Mobile Credentials (Minimum order - 100 pieces of a single part number)		
BDM-CRD-1	**BlueDiamond Mobile Credential 12 month Initial Purchase** (Order in blocks of 100) - This license enables a single mobile credential for one year. Credentials may be moved from person-to-person or phone-to-phone,	**$3.73**
BDR-CRD-1	**BlueDiamond Mobile Credential 12 month Renewal** (Order in blocks of 100) - This license renews a single BDM-CRD-1 mobile credential for one year. Credentials may be moved from person-to-person or phone-to-phone,	**$3.73**

LenelS2 $^{(R)}$ BlueDiamond™ Readers and Credentials for Smartphones (Cont'd)

BlueDiamond Mobile Bluetooth Dongle for Reader Provisioning

Part #	Descriptions	
BDM-DONGLE	**Bluetooth Dongle for BlueDiamond Mobile Toolkit** - Required by installer to commission LenelS2 BlueDiamond readers for use with mobile credentials.	**$54**

BlueDiamond Accessories for Reader Mounting

BD-SPACER	**BlueDiamond Spacer -** Spacer for Mounting the mini-mullion BlueDiamond reader.	**$30.00**

LenelS2 DESFire EV2 Smart Cards for BlueDiamond Readers

LenelS2 DESFire Credentials – 13.56 MHz Lenel Secure DESFire cards. For the formats available, please refer to the "How to Order Guide" or call Inside Sales for details.

Pre-Programmed Cards require the LenelS2 "How to Order Guide" to select the card format, Facility Code, and Starting Badge ID. Out of the box, these cards will have matching Application ID and Default Keys to work with BlueDiamond readers. The BlueDiamond readers must have Rev. 30 firmware or greater. To determine the firmware version of the reader, look for a label on the back of the reader, in the upper left hand corner - the label needs to read "AV90x_5.00.0030," in which case, the reader has the default key enabled. If the label on the back of the reader does not read "AV90x_5.00.0030," please contact Lenel Tech Support or Inside Sales for a configuration card to flash the readers with the Default Key to enable these cards to work with the BlueDiamond readers.

Pre-programmed DESFire EV2 cards for BlueDiamond Readers

Part #	Descriptions	
LNL-EV22KPP	**DESFire EV2 ISO PVC 2K 13.56MHz** - Pre-Programmed for LenelS2 BlueDiamond Readers [Min Order QTY of 100].	**$4.00**
LNL-EV22KPPFOB	**DESFire EV2 Plastic Keyfob 2K 13.56MHz** - Pre-Programmed for LenelS2 BlueDiamond Readers (Min order QTY of 100)	**$5.50**
LNL-EV22KPPMG	**DESFire EV2 ISO PVC 2K 13.56MHz** - Pre-Programmed with Mag Stripe (no pre-programmed encoding on Mag) for LenelS2 BlueDiamond Readers [Min Order QTY of 100].	**$5.25**
LNL-EV28KPP	**DESFire EV2 ISO Composite 8K 13.56 MHz** -Pre-Programmed for LenelS2 BlueDiamond Readers [Min Order QTY of 100].	**$6.00**
LNL-EV28KPPMG	**DESFire EV2 ISO PVC 8K 13.56MHz** - Pre-Programmed with Mag Stripe (no pre-programmed encoding on Mag) for LenelS2 BlueDiamond Mobile Readers [Min Order QTY of 100].	**$6.00**
LNL-EV28KPXPP	**DESFire EV2 ISO Composite 8K with Proximity Chip Card** - Dual Technology - Pre-Programmed Proximity and Pre-Programmed 13.56MHz (for LeneS2 BlueDiamond Readers). Badge IDs will match between High and Low frequency - NOT SLOT PUNCHABLE [Min Order QTY of 100]	**$8.50**

LenelS2 ^(R) BlueDiamond™ Readers and Credentials for Smartphones (Cont'd)

LenelS2 BlueDiamond Configuration Cards for BlueDiamond Readers

Part #	Descriptions	
BDC-UNLOCK	When presenting this card to the BlueDiamond reader, it will unlock the reader and within 60 seconds present the appropriate configuration card. This is an optional card so a user doesn't have to recycle power of reader.	$4.50
BDC-BLUETOOTH	This Configuration card disables the Bluetooth radio used for mobile credentials. This card will also be used to enable the Bluetooth radio once it has been disabled by use of this card. Requires BlueDiamond reader firmware version DEV38 and greater.	$4.50
BDC-CSN	This card is used to enable the reader to read the Card Serial Number for smart cards (iClass, Mifare and DESFire).	$4.50
BDC-OUTPUT	This card is used to change output mode of the reader from Wiegand (Default) to 2-State SF2/F, 4-State SF2/F or back to Wiegand. If reader has been wired for OSDP, it autosenses the output type. To bring back to a Wiegand output requires this configuration card.	$4.50
BDC-TREADER	This card is used to emulate a "Transition Reader or "T-Reader" configuration with a 2-State SF2/F output and prepares reader to read high frequency Card Serial Numbers (CSN). This is the standard "T-Reader" configuration.	$4.50
BDC-OSDPADD	This card is used to set the OSDP Address of the reader (0-3). OSDP supports multiple readers per port with OnGuard version 7.5 or greater.	$4.50
BDC-OSDPBAUD	Use this card to set the OSDP Baud Rate at each BlueDiamond reader using OSDP Output (9,600kbps; 19,200kbps; 38,400kbps; 115,200kbps).	$4.50
BDC-OSDPSEC	This card will be used to enable OSDP Secure Channel Communications. Enable default base Key for Secure Channel Pairing.	$4.50
BDC-RDO	Use this card to enable or disable the 125kHz or the 13.56MHz radios in the reader. By default, both are enabled.	$4.50
BDC-TONE	Use this card to either enable or disable the "Tone" on a valid card read.	$4.50
BDC-LED	This card is used to set the default LED behavior (Wiegand and SF/2F modes) on the reader. (Solid Blue - Default, Shimmer Blue, Solid Red, Shimmer Red). NOTE: OSDP commands override LED behavior.	$4.50
BDC-UID	This card will set the passthrough of raw data for the badges 1. Passthrough (Big Endian); 2. 32 bit (Big Endian); 3. Passthrough (Little Endian); 4. 32 bit (Little Endian); 5. Mifare 4byte/DESFire 7byte - 4002.	$4.50
BDC-WALLET	This is a BlueDIamond branded wallet that contains all the configuration card options provided.	$45.00

Lenel "OpenCard plus OpenProx" Readers

APTIQ LINE OF READERS [replaces EOL'd XF model readers]

Lenel "OpenCard plus OpenProx" readers enable you to read badges in the following card formats: Low Frequency 125 kHz (LenelProx, HID Proximity, GE CASI ProxLite, Allegion AptiQ (XceedID), AWID). Readers can also read Lenel DESFire OpenCard and XceedID Secure MIFARE, plus the non-programmable random serial number from ISO14443 and ISO15693 cards.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
	All models listed below come standard in black. They are also offered in cream by adding a -C to the part number. [ex: LNL-PR10-C] NO extra charge.	
	Lenel Proximity Readers – reads the following 125kHz cards: LenelProx, HID Proximity, Legacy GE CASI ProxLite, XceedID, AWID	
LNL-PR10	Proximity Mini-Mullion Reader: Compact proximity reader, designed to fit in small spaces, or to be mounted to a door mullion; Black ; Wiegand interface	**$135**
	Lenel OpenCard Single-function SmartCard Only (No 125kHZ Proximity) Readers	
LNL-SM10	Smart Mini-Mullion Reader: Compact smart reader, designed to fit in small spaces, or to be mounted to a door mullion; Black ; Wiegand interface; 75 bit PIV	**$145**
	Lenel OpenCard-Secure/OpenProx Readers – Proximity, Lenel OpenCard DESFire, OES (Open Encoding Standard) Secure MIFARE, and XceedID Secure MIFARE read. Will read MIFARE badges encoded in OnGuard 2008 (6.0) or later using the OES format. [Default configuration is secure mifare enabled - to read CSN only please order configuration card CE-404-033]	
LNL-MT11	Multi-Technology Mullion Reader: Designed to be mounted to a door mullion; Black ; Wiegand interface;75 bit PIV [will also read cards encoded through OnGuard; Secure Mifare]	**$358**
LNL-MT15	Multi-Technology Single Gang Reader: Medium-sized reader designed to be mounted on a wall over a single gang junction box; Black ; Wiegand interface;75 bit PIV [will also read cards encoded through OnGuard; Secure Mifare]	**$358**
LNL-MTK15	Multi-Technology Single Gang Reader with Keypad: Medium-sized reader designed to be mounted on a wall over a single gang junction box; Black ; Wiegand interface;75 bit PIV [will also read cards encoded through OnGuard; Secure Mifare]	**$574**
	Lenel OpenCard PIV Readers Will read 200 bit PIV Endpoint Card application data, plus all OpenProx proximity (125kHz) card formats listed above.	
	When adding the -C put it in before the -PIV3 [ex: LNL-MT11-C-PIV3]	
LNL-MT11-PIV3	Multi-Technology Mullion Reader: Designed to be mounted to a door mullion; Black ; Wiegand interface; 200-bit PIV / FASC-N [will also read cards encoded through OnGuard Secure Mifare]	**$358**
LNL-MT15-PIV3	Multi-Technology Single Gang Reader: Medium-sized reader designed to be mounted on a wall over a single gang junction box; Black ; Wiegand interface; 200-bit PIV / FASC-N [will also read cards encoded through OnGuard Secure Mifare]	**$358**
LNL-MTK15-PIV3	Multi-Technology Single Gang Reader with Keypad: Medium-sized reader designed to be mounted on a wall over a single gang junction box; Black ; Wiegand interface; 200-bit PIV /FASC-N [will also read cards encoded through OnGuard Secure Mifare]	**$574**
	Lenel OpenCard-Secure/OpenProx Configuration Cards [others available] [works with XF model readers with firmware X02_51 or higher and new AptiQ line of readers]	
CE-401-002	Configuration card to change LED status from flashing red to solid red; for X02_51 or higher	**$8.33**
CE-401-001	Configuration card to change LED status to flashing red; for X02_51 or higher	**$8.33**
CE-401-200	Configuration card - PIV Enable 200 bit for X02_51 or higher	**$8.00**
CE-404-033	Configuration card for Mifare report CSN; Disables Secure Mifare; PIV and EV1 PACSA; for X02_51 or higher	**$10.40**

Lenel DESFire Smart Cards
All Cards Can Be Ordered as Pre-Programmed or Non-Programmed

Lenel DESFire Credentials – 13.56 MHz Lenel Secure DESFire cards. For the formats available, please refer to the "How to order Guide" or call Inside Sales for details.

Pre-Programmed Cards require the Lenel "How to Order Guide" to select the card format, Facility Code, and Starting Badge ID. Out of the box, these cards will have matching Application ID and Default Keys to work with BlueDiamond readers. The BlueDiamond readers must have Rev. 30 firmware or greater. To determine the firmware version of the reader, look for a label on the back of the reader, in the upper left hand corner - the label needs to read "AV90x_5.00.0030," in which case, the reader has the default key enabled. If the label on the back of the reader does not read "AV90x_5.00.0030," please contact Lenel Tech Support or Inside sales for a configuration card to flash the readers with the Default Key to enable these cards to work with the BlueDiamond readers.

Pre-programmed DESFire EV2 cards for BlueDiamond Readers

Part #	Descriptions	
LNL-EV28KPP	DESFire EV2 ISO Composite 8K 13.56 MHz -Pre-Programmed for LenelS2 BlueDiamond Mobile Readers [Min Order QTY of 100]	$6.00
LNL-EV22KPP	**DESFire EV2 ISO PVC 2K 13.56MHz -** Pre-Programmed for LenelS2 BlueDiamond Mobile Readers [Min Order QTY of 100].	$4.00
LNL-EV22KPPFOB	**DESFire EV2 Plastic Keyfob 2K 13.56MHz** - Pre-Programmed for LenelS2 BlueDiamond Readers (Min order QTY of 100)	$5.50
LNL-EV28KPXPP	**DESFire EV2 ISO Composite 8K with Proximity Chip Card - Dual Technology** - Pre-Programmed Proximity and Pre-Programmed 13.56MHz (for LenelS2 BlueDiamond Mobile Readers). Badge IDs will match between High and Low frequency - NOT SLOT PUNCHABLE [Min Order QTY of 100]	$8.50
LNL-EV22KPPMG	**DESFire EV2 ISO PVC 2K 13.56MHz -** Pre-Programmed with Mag Stripe (no pre-programmed encoding on Mag) for LenelS2 BlueDiamond Mobile Readers [Min Order QTY of 100].	$5.25
LNL-EV28KPPMG	**DESFire EV2 ISO PVC 8K 13.56MHz -** Pre-Programmed with Mag Stripe (no pre-programmed encoding on Mag) for LenelS2 BlueDiamond Mobile Readers [Min Order QTY of 100].	$6.00

DESFire EV1 Cards can be programmed by any properly configured OnGuard system supporting DESFire encoding.
DESFire EV2 Cards Require CP1000D-LENEL Encoder and OnGuard 7.5 or higher.

For use with BlueDiamond Readers, EV2 Non-Programmed Cards will require programming by OnGuard using Custom Data Object (CDO) template with the customer specific Application ID and Keys. Special configuration cards will be required to configure the BlueDiamond readers in the field.

Part #	Descriptions	
LNL-EV22KNP	**DESFire EV2 ISO PVC 2K 13.56MHz -** Non-Programmed for LenelS2 BlueDiamond Mobile Readers [Min Order QTY of 100].	$3.75
LNL-EV22KNPFOB	**DESFire EV2 Plastic Keyfob 2K 13.56MHz** - Non-Programmed for LenelS2 BlueDiamond Readers (Min order QTY of 100)	$4.00
LNL-EV28KNPMG	**DESFire EV2 ISO PVC 2K 13.56MHz -** Non-Programmed with Mag Stripe (no pre-programmed encoding on Mag) for LenelS2 BlueDiamond Mobile Readers [Min Order QTY of 100].	$5.25
LNL-EV28KNP	**DESFire EV2 ISO Composite 8K 13.56 MHz -**Non-Programmed for LenelS2 BlueDiamond Mobile Readers [Min Order QTY of 100].	$5.50
LNL-EV28KPXNP	**DESFire EV2 ISO Composite 8K with Proximity Chip Card** - Dual Technology - Non-Programmed 13.56MHz (Application ID and Keys and Badge ID); Pre- Programmed Proximity format, requires formating from "How to order Guide" - NOT SLOT PUNCHABLE [Min Order QTY of 100]	$7.25

Lenel MIFARE Smart Cards
All Cards Can Be Ordered as Pre-Programmed or Non-Programmed

XceedID MIFARE Credentials – 13.56 MHz XceedID Secure MIFARE cards and fobs. Composite construction for greater durability and thermal stability, at no extra charge. Default 26-bit format, other bit formats are available, call Inside Sales for details.

Part #	Descriptions	Cost
LNL-9420	MIFARE 2.5k bit 14443 memory card; clamshell style; with vertical slot punch [Min Order QTY of 100]	$3.85
LNL-9520	MIFARE 2.5k bit 14443 memory card; direct printable ISO Card [Min Order QTY of 100]	$4.70
LNL-9520M1	MIFARE 2.5k bit 14443 memory card with magnetic stripe; direct printable ISO Card [Min Order QTY of 100]	$5.32
LNL-9651	MIFARE 1 Kbyte/8Kbit 14443 memory Key Fob; gray finish [Min Order QTY of 50]	$6.55

Lenel MIFARE Smart Cards
All Cards Can Be Ordered as Pre-Programmed or Non-Programmed

Part #	Descriptions	Cost
	The following badges are recommended when encoding MIFARE badges in OnGuard using OES format [must order non-programmed to be able to encode in OnGuard]	
LNL-9551	MIFARE 13,56 Mhz Card; 1 Kbyte/8Kbit; ISO 14443; direct printable ISO Card [Min Order QTY of 100]	$5.75
LNL-9551M1	MIFARE 13,56 Mhz Card with magnetic stripe; 1 Kbyte/8Kbit; ISO 14443; direct printable ISO Card [Min Order QTY of 100]	$6.37
LNL-9558	MIFARE 13,56 Mhz Card; 14Kbyte/32Kbit; ISO 14443; direct printable ISO Card [Min Order QTY of 100]	$8.10
LNL-9558M1	MIFARE 13,56 Mhz Card with magnetic stripe; 14Kbyte/32Kbit; ISO 14443; direct printable ISO Card [Min Order QTY of 100]	$8.72
LNL-9951	MIFARE/PROX Combo Card; 125KHz/13.56MHz; ISO 14443; HID Prox with Mifare 1K; preprogrammed 26 bit Prox; direct printable ISO Card [Min Order QTY of 100]	$7.85
LNL-9958	MIFARE/PROX Combo Card; 125kHz/13.56MHz; ISO 14443; HID Prox with Mifare 4K; preprogrammed 26 bit Prox; direct printable ISO card [Min Order QTY of 100]	$7.08
LNL-9958M1	MIFARE/PROX Combo Card with magnetic stripe; 125kHz/13.56MHz; ISO 14443; HID Prox with Mifare 4K; preprogrammed 26 bit Prox; direct printable ISO card [Min Order QTY of 100]	$10.07

Lenel Proximity Cards

Lenel now offers competitively priced 125 kHz proximity card and fobs (compatible with HID 125k Hz proximity readers). All cards are Composite construction for greater durability and thermal stability, at no extra charge. All cards and fobs listed are 26-bit Wiegand format. Other bit formats are available, call Inside Sales for details.

Lenel Proximity Cards– 125kHz Proximity Cards and Fobs

LNL-7410	PROX clamshell card; plain white matte finish; 26-bit format pre-programmed; printed ID numbers; vertical slot punch [Min Order QTY of 100]	$3.25
LNL-7510	PROX card; direct printable ISO Card; 26-bit format pre-programmed; printed ID numbers [Min Order QTY of 100]	$5.53
LNL-7510M1	PROX card with magnetic stripe; direct printable ISO Card; 26-bit format pre-programmed; printed ID numbers [Min Order QTY of 100]	$6.15
LNL-7610	PROX Key Fob; gray finish; 26-bit format pre-programmed [Min Order QTY of 50]	$6.10

Custom Card Formats - Require card format, total number of bits, facility code, starting card number at the time of order.

Custom Artwork also available call Inside Sales for details

Lenel Magnetic Card Readers & Accessories

Lenel's magnetic swipe card access readers are durable, dependable, convenient and competitively priced. The Magnetic Card access readers are available in both 5 VDC and 12 VDC model. The readers are in fully weatherized metal casing shell, which provides strength and durability. The readers are first treated with an anti-corrosion film and then coated with a tough, abrasion resistant finish, available in three colors black (standard color), Beige textured finish and Antique Brass (–AB) finishes, which compliment any interior or exterior decor. The readers accept low and high coercivity magnetic stripe cards. Track 2 magnetic readers are standard with optional Track 1 or Track 3 readers available [when ordering Track 1 or 3 please put a -T1 or -T3 at the end].

Part #	Descriptions	Cost
(Standard color is Black, Beige and Antique Brass finishes available)		
LNL-2005W	Magnetic Card Access Reader – 12 VDC, track 2 weatherized, one-million pass extended wear read head, (No keypad Available), Black, tamper not available on this reader. (UL Approved)	$192
LNL-2005W-5	Magnetic Card Access Reader – 5 VDC, track 2 weatherized, one-million pass extended wear read head, (No Keypad Available), Black, tamper not available on this reader (UL Approved)	$192
LNL-2010W	Magnetic Card Access Reader – 12 VDC, track 2, weatherized, one-million pass extended wear read head, Black (UL Approved)	$266
LNL-2010W-5	Magnetic Card Access Reader – 5 VDC, track 2, weatherized, one-million pass extended wear read head, Black (UL Approved)	$241
LNL-2020W	Magnetic Card Access Reader with Keypad – 12 VDC, track 2, one-million pass extended wear read head, weatherized, Black (UL Approved)	$381
LNL-2020W-5	Magnetic Card Access Reader with Keypad – 5 VDC, track 2, one-million pass extended wear read head, weatherized, Black (UL Approved)	$381
LNL-2020W-NDK	**Magnetic Card Access Reader with non-destructible Keypad –** 12 VDC, track 2, one-million pass extended wear read head, weatherized, (UL Approved)	$752

Options and Accessories

Part #	Descriptions	Cost
Reader # + OT	Tamper Contact - for both direct & data Outputs (must order with reader, only available for LNL-2010 or LNL-2020 readers)	$8.00
LNL-WP10	Wall Plate cover for Single Gang electrical box (Grey)	$11.00
LNL-WP10-BL	Wall Plate cover for Single Gang electrical box (Black)	$11.00
LNL-WP20	Wall Plate cover for Double Gang electrical box (Grey)	$15.00
LNL-WP20-BL	Wall Plate cover for Double Gang electrical box (Black)	$15.00
LNL-RCC	Reader Connector Cable, Replacement (Lots of 5)	$27
LNL-SS	Security Screw (Lot of 10)	$11.00
LNL-SSK	Security Screw Key for A-SS (Lot of 5)	$26
LNL-WS10	Single Reader Weather Shield for LNL-2005W, 2010W and 2020W	$42
LNL-RPL-KPD	Replacement Keypads for the LNL-2020W readers	$42

Lenel Command Keypad

Part #	Descriptions	Cost
LNL-CK	Command Display terminal Lenel Command Keypad - 32-character back-lit LCD display with a 16-position keypad, supports both direct RS-485 communication with the ISC and Wiegand TTL output, supports one external Wiegand input, 12VDC±15% @175mA (keypad only). C-Tick Certified	$410

Lenel Indestructible Keypads and Accessories

(Note: Available in Stainless Steel, Black and Gold finishes, check with Inside Sales for more information)

Part #	Descriptions	Cost
LNL-834S121NN	**Lenel Brushed Aluminum Keypad**, 3 keys across and 4 keys down, 8-bit word output, 12 to 28 VDC, 30 mA, ADA compliant, weather proof with tamper proof keypad. Designed for a single gang electrical box	**$275**
LNL-826S121NN	**Brushed Aluminum Keypad,** 2 keys across and 6 keys down, 8-bit word output, 12 to 28 VDC, 30 mA, ADA compliant, weather proof with tamper proof keypad. Designed for mullion mounting	**$275**
LNL-2020W-NDK	**Magnetic Card Access Reader with non-destructible Keypad –** 12 VDC, track 2, one-million pass extended wear read head, weatherized, (UL Approved)	**$752**
BT-ASP-HID	**Non-destructible HID proximity reader only -** 5 to 12 VDC, 150 mA, 2 to 3 inch read range, weather proof , solid state pezo sounder technology and red and green status LED's. Designed for an international single gang electrical box mounting. Optional colors are available on request	**$420**
BT-ASP-iCLASS	**Non-destructible HID iCLASS reader only -** 5 to 12 VDC, 150 mA, 2 to 3 inch read range, weather proof , solid state pezo sounder technology and red and green status LED's. Designed for an international single gang electrical box mounting. Optional colors are available on request	**$685**
BT-ASPKP-HID	**HID proximity reader with Lenel's non-destructible keypad**, 2 keys across and 5 keys down, 8 bit word output, 5 to 12 VDC, 150 mA, 2 to 3 inch read range, ADA compliant, weather proof with tamper proof keypad, solid state pezo sounder technology and red, green and yellow status LED's. Designed for an international single gang electrical box mounting. Optional colors are available on request	**$495**
BT-ASPKP-iCLASS	**iCLASS reader with Lenel's non-destructible keypad**, 2 keys across and 5 keys down, 8 bit word output, 12 to 16 VDC, 170 mA, up to a 2 inch read range, ADA compliant, weather proof with tamper proof keypad, solid state pezo sounder technology and red, green and yellow status LED's. Designed for an international single gang electrical box mounting. Optional colors are available on request	**$750**

LenelProx Card Readers & Accessories

Lenel'sProximity Readers and cards now offer compatibility with HID prox in some models. This product line offers a lifetime warranty (except as noted below), increased card read ranges and is very competitively priced. The UHF readers offer very long read ranges compared to 125kHZ and 13.56MHz technologies, with very competitively priced credentials.

Part #	Descriptions	Cost
125kHz LenelProx and HID Prox Multi-Card Readers		
LPSR-2400GRMP	**LenelProx/HID Prox Special Range Reader**, Wiegand Output, 4 to 5.5 inch Read Range, Metal Compensated, 5-12 VDC [40 to 70 mA typical], Mullion Width, Indoor/Outdoor, (color Gray)	**$94**
LPMM-6800GRMP	**LenelProx/HID Prox Mullion Mount Reader**, Wiegand and RS232 (simultaneous) output, 6 to 8 inch Read Range, Metal Compensated, 5-12 VDC [65 to 85 mA typical], Mullion Width, Indoor/Outdoor, (color Gray)	**$147**
LPSP-6820GRMP	**LenelProx/HID Prox Switch Plate Reader**, Wiegand and RS232 (simultaneous) output, 6 to 8 inch Read Range, 5-12 VDC [65 to 85 mA typical], Single Gang Box Mount, (color Gray)	**$147**
LPKP-6840GRMP	**LENELPROX, Gray, Proximity Card switchplate-type reader** combined with a 12-key numeric Keypad, fits on a single-gang box. Read range up to 8 inches. (color Gray)	**$250**
LPMR-1824GRMP	**LenelProx/HID Prox Mid Range Reader**, Wiegand and RS232 (simultaneous) output, 18 to 24 inch Read Range, 5-12 VDC [250 to 650 mA typical] Dimensions only 8"x8"x1", Indoor/Outdoor, (color Gray)	**$300**
LPMR-1824MCGMP	**LenelProx/HID Prox Mid Range Reader Metal Compensated**, Wiegand and RS232 (simultaneous) output, 14 to 16 inch Read Range, 5-12 VDC [250 to 650 mA typical] Dimensions only 8"x8"x1", Indoor/Outdoor, (color Gray)	**$375**
Cards and Tags – 125kHz LenelProx - 26 bit default format		
LP-GR	**Graphics Quality** both sides, ISO compliant credential with laser etched card number, 26 bit default format (min order qty 100)	**$3.92**
LP-GRMAG	**Graphics Quality ISO with 3 track High-Co ABA Magnetic Stripe** Graphics Quality both sides, ISO compliant credential with laser etched card number, 26 bit default format, with 3 track High-Co ABA Magnetic Stripe (min order qty 100)	**$4.17**
LP-CS	**"Clam Shell"** style Prox Badge, with laser etched card number, 26 bit default format, Pre-punched in Portrait Orientation (min order qty 100)	**$2.00**
LP-KT	**Proximity Key Tag** with laser etched card number, 26 bit default format (Key Fob) (min order qty 50)	**$3.58**
LP-PW	**Proximity Wafer,** 1 inch diameter, adhesive backing, with laser etched card number, 26 bit default format (min order qty 50)	**$3.08**
Cards and Tags – 125kHz LenelProx - Custom format		
LP-GR-CSTM	**Graphics Quality** both sides, ISO compliant credential with laser etched card number, Custom format (min order qty 100)	**$3.92**
LP-GRMAG-CSTM	**Graphics Quality ISO with 3 track High-Co ABA Magnetic Stripe** Graphics Quality both sides, ISO compliant credential with laser etched card number, Custom format, with 3 track High-Co ABA Magnetic Stripe (min order qty 100)	**$4.17**
LP-CS-CSTM	**"Clam Shell"** style Prox Badge, with laser etched card number, Custom format, Pre-punched in Portrait Orientation (min order qty 100)	**$2.00**
LP-KT-CSTM	**Proximity Key Tag** with laser etched card number, Custom format, (Key Fob) (min order qty 50)	**$3.58**
LP-PW-CSTM	**Proximity Wafer,** 1 inch diameter, adhesive backing, with laser etched card number, Custom format, (min order qty 50)	**$3.08**
Cards - 13.56 MHz MIFARE Cards		
LP-GR-1KM	**1K MIFARE Cards with a 125 Proximity insert**, graphic quality on both sides, ISO Compliant (minimum order qty 250) 10 week lead time. 7 btye Mifare CSN.	**$6.78**
LP-GR-4KM	**4K MIFARE Cards with a 125 Proximity insert**, graphic quality on both sides, ISO Compliant (minimum order qty 250) 10 week lead time 7 Byte Mifare CSN.	**$7.55**

LenelProx Card Readers & Accessories (Cont'd)

Part #	Descriptions	Cost
UHF Card Readers		
LPUA-612MU	**UHF Access Proximity Reader** – Works Only with UHF Tags, 6-12in. read range, Midnight Black, RoHS	**$435**
LPLR-2000BU	**LenelProx Long Range UHF Reader** - Wiegand output, passive tag reader with directional 9 to 11 foot Read Range, 5 to 15 VDC [1.5A to 0.4 A typical], (color Beige only) – Works Only with UHF Tags **(1 year warranty). INSTALLER KIT LPLR-2000KIT00 <u>required</u> for set up and installation (not RoHS Compliant)**	**$1,922**
LPLR-2000HILOMABU	**LenelProx Long Range UHF Reader with dual antennas** – Same as LPLR-2000BU, but includes 2nd remote antenna and 4ft Coax cable to provide expanded read range in 1 axis only, to allow greater range of tag locations in either the horizontal OR vertical axis – Works Only with UHF Tags **(1 year warranty). INSTALLER KIT LPLR-2000KIT00 <u>required</u> for set up and installation (not RoHS Compliant)**	**$2,795**
LPLRMB	**Mounting Bracket for LPLR-2000 and LR-911** Reader, 11 inches long with pan & tilt swivel head. Order 2 for HiLo applications.	**$58**
Cards and Tags – Lenel UHF Readers [for LR-2000 ONLY]		
LPGR-UHF-0-U	**UHF, GRAPHICS QUALITY BADGE** [min order qty 50]	**$5.00**
LPVT-UHF-0-U	**UHF VISOR TAG** [min order qty 50]	**$8.33**
LPWS-UHF-0-U	**UHF WINDSHIELD TAG** [min order qty 50]	**$10.55**
LPRV-UHF-0-0	**UHF REAR VIEW MIRROR TAG** [min order qty 50]	**$10.55**
LPMT-UHF-0-0	**UHF METAL MOUNT TAG** [min order qty 50]	**$11.55**
LPHT-UHF-0-0	**UHF HANG TAG, BLANK** [min order qty 50]	**$7.47**
Cards and Tags – [for 900MHz LR-911 readers]		
LP-WS	**Windshield Tag High Frequency**, for use with LPLR-911 and LPLR-911HILO only. adhesive mount (minimum order qty 50)	**$11.67**
LP-MT	**Metal Mount Tag High Frequency**, for use with LPLR-911 and LPLR-911HILO only. (minimum order qty 50)	**$11.67**

Onity Integra Locks

Onity offers Integra offline locks that integrate with OnGuard 2009 and later. The locks are configured through OnGuard and downloaded using the XPP programmer. All lock plans, cardholder records, access levels and time zones are transmitted with the programmer and linked with the OnGuard Communication Server. A full audit of transactions and events are transferred from the lock and displayed in OnGuard Alarm Monitoring. This integration allows the customer to provide security to interior doors at a fraction of the cost for a traditional wired door. The lock comes with the license to integrate with OnGuard.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
OnGuard Onity Software Option		
SWG-1411	Onity lock integration license - License is needed for every lock that is integrated with OnGuard. Locks with a KTDL includes the license with the lock price.	**$5.18**
Integra Locks		
ONT-KTDL-C-K-12-626	Onity Integra cylindrical lock, magnetic stripe with keypad, 626 (satin chrome finish), includes SWG-1411	**$567**
ONT-KTDL-M-LK-626-L	Onity Integra left hand mortise lock, magnetic stripe with keypad, 626 (satin chrome finish), includes SWG-1411	**$575**
ONT-KTDL-M-LK-626-R	Onity Integra right hand mortise lock, magnetic stripe with keypad, 626 (satin chrome finish), includes SWG-1411	**$575**
ONT-KTDL-M-D-626-L	Onity Integra left hand mortise with deadbolt lock, magnetic stripe, 626 (satin chrome finish), includes SWG-1411	**$500**
ONT-KTDL-M-D-626-R	Onity Integra right hand mortise with deadbolt lock, magnetic stripe, 626 (satin chrome finish), includes SWG-1411	**Call For Quote**
ONT-KTDL-M-DK-626-L	Onity Integra left hand mortise with deadbolt lock, magnetic stripe with keypad, 626 (satin chrome finish), includes SWG-1411	**$575**
ONT-KTDL-M-DK-626-R	Onity Integra right hand mortise with deadbolt lock, magnetic stripe with keypad, 626 (satin chrome finish), includes SWG-1411	**Call For Quote**
Programmer		
ONT-KTF-XPPM	Onity Portable Programmer for Integra Locks with memory module and 12V transformer (Serial Port required on Computer)	**$1,315**
Integra Custom Order		
ONT-KTD-CUSTOM	Custom finish, strike plates, or lock handles (Call for Quote)	**Call For Quote**

NOTE: System ID Required Unless Purchasing New System.

HID Mifare Credentials

Part #	Descriptions	Cost
	HID NON-programmed MIFARE Cards [Min Order QTY of 100]	
1430-NGGNN	**HID FlexSmart® MIFARE Contactless Smart Card -** Utilizes MIFARE 13.56 MHz Internal Smart Chip, Standard S50, 1 KByte Memory with 16 Sectors - this card is unprogrammed, plain white front, plain white back, no slot punch. [Min Order QTY of 100]	**$2.94**
1440-NGGNN	**HID FlexSmart® MIFARE Contactless Smart Card -** Utilizes MIFARE 13.56 MHz Internal Smart Chip, Standard S50, 4KByte Memory with 40 Sectors - this card is unprogrammed, plain white front, plain white back, no slot punch. [Min Order QTY of 100]	**$5.72**
	HID Programmed MIFARE Cards [Min Order QTY of 100] **Additional Information Form Required**	
1430-MGGMN	**HID FlexSmart® MIFARE Contactless Smart Card -** Utilizes MIFARE 13.56 MHz Internal Smart Chip, Standard S50, 1 K Memory with 16 Sectors - this card is programmed (must specify programming information at the time of order), plain white front, plain white back, sequential matching internal/external number and no slot punch. [Min Order QTY of 100]	**$4.10**
1431-BGGMNN	**HID FlexSmart® Proximity & MIFARE Contactless Smart Card -** Utilizes MIFARE 13.56 MHz Internal Smart Chip, Standard S50, 1 K Memory with 16 Sectors, and 125kHz "Prox by HID" - this card is programmed (must specify programming information at the time of order), plain white front, plain white back, sequential matching internal/external number and no slot punch. [Min Order QTY of 100]	**$5.51**
1431-BG1MNN	**HID FlexSmart® Proximity & MIFARE Contactless Smart Card w/mag -** Utilizes MIFARE 13.56 MHz Internal Smart Chip, Standard S50, 1 K Memory with 16 Sectors, and 125kHz "Prox by HID"- this card is programmed (must specify programming information at the time of order), plain white front, plain white back with magnetic stripe, sequential matching internal/external number and no slot punch. [Min Order QTY of 100]	**$6.49**

HID Products
Proximity Readers & Cards

All HID cards and readers listed are 26-bit Wiegand format. If any other card format is required (i.e. Lenel's custom Format, HID Corporate 1000 (Note: Call Factory for pricing and add -CF to all cards ordered for Lenel's Custom Format or –C1000 for HID corporate 1000 format). Special ordered products take a minimum of 4 to 6 weeks additional lead-time. All HID readers require a Reader Interface Module (LNL-1320 or LNL-1300) for LNL-1000 communications.

NOTE: System ID Required Unless Purchasing New System.

Additional Information Form Required

Part #	Descriptions	Cost
Proximity Card Readers		
	Designer series styles and colors are optional for 6005, 5365, 5395 readers only. To order the designer series change the six digit of the reader part number to one of the following choices (1=Designer Black, 2=Designer Gray, 4=Designer Wave Blue or 5 = Designer White). 2 to 4 week lead times may occur.	
6005BGB00	ProxPoint, Gray, w/Pigtail Leads, beeper and LED (4.75-16VDC)	**$160**
6005BBB00	ProxPoint, Beige, w/Pigtail Leads, beeper and LED (4.75-16VDC)	**$160**
5365EGP00	MiniProx, Gray w/ Pigtail Leads (5-16 VDC)	**$263**
5365EBP00	MiniProx, Beige w/ Pigtail Leads (5-16 VDC)	**$263**
5365-EGH00	Hazardous Location MiniProx Reader, 5-16 VDC, terminal strip	**$382**
5395CB100	ThinLine II Switch Plate Reader (5-16 VDC) Beige	**$268**
5395CG100	ThinLine II Switch Plate Reader (5-16 VDC) Gray	**$268**
5395CW100	ThinLine II Switch Plate Reader (5-16 VDC) White	**$268**
5395CK100	ThinLine II Switch Plate Reader (5-16 VDC) Black	**$268**
5455BGN00	ProxPro II, Gray, (5-16 VDC)	**$307**
5455BBN00	ProxPro II, Beige, (5-16 VDC)	**$283**
5355-AGK09	ProxPro, Gray, w/ Keypad, (12 VDC)	**$334**
5355-ABK09	ProxPro, Beige w/ Keypad, (12 VDC)	**$334**
5375AGN00	MaxiProx, Gray, (24 VDC)	**$888**
HID Dorado Readers Replacements		
6236CKN000509	iCLASS RMPK40 Combination Tech Reader; Wiegand Magnetic stripe; HID and AWID Prox; iCLASS US/EU APAC Back Box Mount; Wall switch form factor Read Only; Black; with Pigtail;Mag Stripe - ABA Card all ABA Digits; 8 bit message keypad	**$760**
LNL-2020W	Magnetic Card Access Reader with Keypad - 12 VDC; track 2; one-million pass extended wear read head; weatherized; Black (UL Approved)	**$381**

HID Products (Cont'd)
HID Proximity& Smart Cards
Additional Information Form Required

Part #	Descriptions	Cost
HID Proximity/Wiegand Card Technology [Min Order QTY of 100]		
1326-LSSMV	**ProxCard II Proximity Access Card** - standard card includes, 26-bit format, HID ProxCard II artwork with matte finish, printed sequential number with gaps and vertical slot punch. [Min Order QTY of 100]	**$2.45**
1326-LASMV	ProxCard II Proximity Access Card - includes 26-bit Wiegand format, adhesive front, back has molded HID logo, printed sequential matching (internal/external) number and vertical slot punch capability. [Min Order QTY of 100]	**$2.89**
1336-LGSMN	**DuoProx Card Prox with Mag Stripe** - standard card includes, 26 bit format, plain white glossy finish for direct card printing on front, with HID ISO Prox artwork, matte finish on back with laser sequential numbering with no gaps and 1/2 inch Hi-Co magstripe [Min Order QTY of 100]	**$4.95**
1336-LGGMN	**DuoProx Card Prox with Mag Stripe Graphics Quality Both Sides** - standard card includes, 26 bit format, plain white glossy finish for direct card printing on front and back, with printed sequential numbering with no gaps and 1/2 inch Hi-Co magstripe [Min Order QTY of 100]	**$5.14**
1346-LNSMN	**ProxKey III Proximity Access Keyfob** - keyfob includes; 26 bit format, Black with Grey Insert and HID standard logo on the front; standard back packaging; inkjetted sequential matching internal/external keyfob numbering (Minimum order 100)	**$6.30**
1386-LGSMN	**ISO Prox II Graphics Quality**- standard card includes, 26 bit format, plain white glossy finish for direct card printing on front, with HID ISO Prox artwork with matte finish on back, printed ID number and No gaps in card sequence [Min Order QTY of 100]	**$6.30**
1386LGGMN	**ISO Prox II Graphics Quality Both Sides** - standard card includes, 26 bit format, plain white glossy finish for direct card printing on front and back, printed ID number and No gaps in card sequence [Min Order QTY of 100]	**$8.12**
1324GBN22	**Direct Image PVC Labels** with peel off adhesive back for use with Prox Card II (0.020 thick card) no slot punch. Will not work with all direct card printers, check printer specifications. [Min Order QTY of 100]	**$0.88**
1324GGN31	**Direct Image, PVC Labels** for use with Prox Card II with peel off self adhesive front part number 1326-LASMV (0.025 thick cards) no slot punch. Will not work with all direct card printers, check printer specifications. [Min Order QTY of 100]	**$0.88**
1351-LBSMN	**Prox Pass Long Range Proximity Tag** for Vehicle Access Control (6' to 8') read range with MaxiProx readers. [Min Order QTY of 50]	**$27.95**
1391-LSSMN	**Microprox Tag -** for assets retrofit applications - standard tag includes 125kHz programming, HID standard artwork on front, adhesive back, sequential matching numbering internal/external. [Min Order QTY of 100]	**$3.28**
NEW Corp 1000 Requests [must be accompanied by the Corp 1000 Request document]		
C1000	**Corporate 1000 Card Formats** – Require end user information, card format number, facility code and starting card number at the time of order.	**$0.31**
Existing Corp 1000 Formats [must be order in same QTY as cards requested]		
MC-1000-H5xxxx	**Corp 1000 indicator specifying the Corp 1000 format number [H5xxxx]**	**$0.31**

Custom Artwork orders available by contacting InsideSales@lenel.com
Additional Information Form Required

HID Products
Mobile Access

Mobile access is the use of a mobile device, such as a smartphone, tablet or wearable, to gain access to secured doors, gates, networks, services and more. HID Mobile Access® solutions allow organizations to meet the growing demands of a mobile-first world. Additional Information Form may be required.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
Mobile READY Readers - iClass SE		
900NMNTEKMA001-L01	Model R10 Reader, ICLASS SE E, 13.56 MHZ Only, STD/SIO/SEOS/MA, Wiegand Output, Terminal Block, Reader is Black in color, Standard LED setup , idle LED Red, Flash Green on Valid, Buzzer On, Optical Tamper, Mobile Ready, LENEL Logo	**$226**
910NMNTEKMA001-L01	Model R15 Reader, ICLASS SE E, 13.56 MHZ Only, STD/SIO/SEOS/MA, Wiegand Output, Terminal Block, Reader is Black in color, Standard LED setup , idle LED Red, Flash Green on Valid, Buzzer On, Optical Tamper, Mobile Ready, LENEL Logo	**$360**
920NMNTEKMA001-L01	Model R40 Reader, ICLASS SE E, 13.56 MHZ Only, STD/SIO/SEOS/MA, Wiegand Output, Terminal Block, Reader is Black in color, Standard LED setup , idle LED Red, Flash Green on Valid, Buzzer On, Optical Tamper, Mobile Ready, LENEL Logo	**$360**
921NMNTEKMA002-L01	Model RK40 Reader with Keypad, ICLASS SE E, 13.56 MHZ Only, STD/SIO/SEOS/MA, Wiegand Output, Terminal Block, Reader is Black in color, Standard LED setup , idle LED Red, Flash Green on Valid, Buzzer On, Optical Tamper, Mobile Ready, LENEL Logo, KPF, ASCII, BFFRD 1 KEY	**$588**
Mobile READY Readers - multiClass SE		
900PMNTEKMA003-L01	Model RP10 Reader, MULTICLASS SE E, 125 kHz HID Proximity and 13.56 MHZ Only, STD/SIO/SEOS/MA, Wiegand Output, Terminal Block, Reader is Black in color, Standard LED setup , idle LED Red, Flash Green on Valid, Buzzer On, Optical Tamper, Mobile Ready, LENEL Logo	**$282**
910PMNTEKMA003-L01	Model RP15 Reader, MULTICLASS SE E, 125 kHz HID Proximity and 13.56 MHZ Only, STD/SIO/SEOS/MA, Wiegand Output, Terminal Block, Reader is Black in color, Standard LED setup , idle LED Red, Flash Green on Valid, Buzzer On, Optical Tamper, Mobile Ready, LENEL Logo	**$402**
920PMNTEKMA003-L01	Model RP40 Reader, MULTICLASS SE E, 125 kHz HID Proximity and 13.56 MHZ Only, STD/SIO/SEOS/MA, Wiegand Output, Terminal Block, Reader is Black in color, Standard LED setup , idle LED Red, Flash Green on Valid, Buzzer On, Optical Tamper, Mobile Ready, LENEL Logo	**$402**
921PMNTEKMA004-L01	Model RPK40 Reader with Keypad, MULTICLASS SE E, 125 kHz HID Proximity and 13.56 MHZ Only, STD/SIO/SEOS/MA, Wiegand Output, Terminal Block, Reader is Black in color, Standard LED setup , idle LED Red, Flash Green on Valid, Buzzer On, Optical Tamper, Mobile Ready, LENEL Logo, KPF, ASCII, BFFRD 1 KEY	**$630**

Following is a generic HID Mobile ID part number. Customer will need to submit request form for organization specific account to be created prior to time of ordering. A unique part number will then be created for the Organization. To Access HID Web Portal, follow this link:

https://managedservices.hidglobal.com/faces/maUserOnBoardingStart

Part #	Descriptions	Cost
CRD633ZZ-xxxxxx	HID Mobile ID. Mobile IDs are virtual credentials electronically delivered to the Organizations Mobile Access Portal account. CRD633ZZ-xxxxx, Custom Mobile ID, xxxxx specific to organization and issued at time of part number creation.	**$8.95**

HID iCLASS Products

All HID iCLASS reader products come standard as HID format and can be customized for Lenel formats, or Corporate 1000 format, while using OnGuard with Read/Write reader or printer. All iCLASS cards come unprogrammed unless a custom format sheet is provided for a quotation or with the order. iCLASS smart cards and readers make access control more powerful, more versatile, and most important of all, offers enhanced security through encryption and mutual authentication. At the same time, iCLASS is user-friendly, delivering the convenience, affordability and reliability of proximity technology for which HID is known worldwide.

Additional Information Form Required

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
	FOR ALL ICLASS READERS they are available in Black	

PLEASE NOTE ADDITIONAL OPTIONS CONTINUE TO BE AVAILABLE

iCLASS SE Readers [other options available as well]

Part #	Descriptions	Cost
900NTNNEK00000-L001	**iCLASS SE R10 reader; Black**; Pigtail; wiegand output; consists of Legacy iCLASS - SIO - SEOS; Mini-Million mount size; LED Red - Flash Green - Buzzer On; CSN 32 bit; with Lenel logo [artwork code L110317] **[direct replacement for 6100CKN0000L]**	**$141**
910NTNNEK00000-L001	**iCLASS SE R15 reader;** Black; Pigtail; wiegand output; consists of Legacy iCLASS - SIO - SEOS; Mullion mount size; LED Red - Flash Green - Buzzer On; CSN 32 bit; with Lenel logo [artwork code L110317]**[direct replacement for 6140CKN000L]**	**$275**
920NTNNEK00000-L001	**iCLASS SE R40 reader;** Black; Pigtail; wiegand output; consists of Legacy iCLASS - SIO - SEOS; US/EU/Asian back box size; LED Red - Flash Green - Buzzer On; CSN 32 bit; with Lenel logo [artwork code L110317]**[direct replacement for 6120CKN0000L]**	**$275**
921NTNNEK0002K-L001	**iCLASS SE RK40 reader;** Black; Pigtail; wiegand output; consists of Legacy iCLASS - SIO - SEOS; US/EU/Asian back box size; LED Red - Flash Green - Buzzer On; CSN 32 bit; 8-bit msg keypad; with Lenel logo [artwork code L110317]**[direct replacement for 6130CKN000009L]**	**$505**

MultiCLASS SE Readers [other options available as well]
Indala Prox available by changing the P to an L and supplying the Indala format code with order

Part #	Descriptions	Cost
910PTNNEK00000-L001	**MultiCLASS SE RP15 reader; B**lack; Pigtail; wiegand output; consists of Legacy iCLASS - SIO -SEOS and HID Prox capabilities; Mullion mount size; LED Red - Flash Green - Buzzer On; CSN 32 bit; with Lenel logo [artwork code L110317]**[direct replacement for 6145CKN0000L]**	**$317**
920PTNNEK00000-L001	**MultiCLASS SE RP40 reader;** Black; Pigtail; wiegand output; consists of Legacy iCLASS - SIO -SEOS and HID Prox capabilities; US/EU/Asian back box size; LED Red - Flash Green - Buzzer On; CSN 32 bit; with Lenel logo [artwork code L110317]**[direct replacement for 6125CKN0000L]**	**$317**
921PTNNEK0001V-L001	**MultiCLASS SE RPK40 reader;** Black; Pigtail; wiegand output; consists of Legacy iCLASS - SIO -SEOS and HID Prox capabilities; US/EU/Asian back box size; LED Red - Flash Green - Buzzer On; CSN 32 bit; 8-bit msg keypad; with Lenel logo [artwork code L110317]**[direct replacement for 6136CKN000009L]**	**$545**

HID UHF Reader / Credentials - Long Read Range

Part #	Descriptions	Cost
RDRSEU909K00000	HID UHF Reader, Model U90, iClass SE Rev E, no prox, UHF: 902-928 MHZ, Wiegand, Terminal Block, Black, STD 1 SECURITY	**$1,295**

UHF Credential Card Holder parts
For proper placement and attachment of UHF credentials to inside of car windshield

Part #	Descriptions	Cost
WSHLDMT-BLU	Windshield Mount, suction cup, adhesive for ID 1 style credential, Blue (Qty 10)	**$80**
WSHLDMT-CLR	Windshield Mount, suction cup, adhesive for ID 1 style credential, Clear (Qty 10)	**$80**
WSHLDMT-WHT	Windshield Mount, suction cup, adhesive for ID 1 style credential, White (Qty 10)	**$80**
WSHLDMT-BLU-BULK	Windshield Mount, suction cup, adhesive for ID 1 style credential, Blue (Qty 250)	**$1,800**
WSHLDMT-CLR-BULK	Windshield Mount, suction cup, adhesive for ID 1 style credential, Clear (Qty 250)	**$1,800**
WSHLDMT-CUPS	Suction Cups for WSHLDMT - Kit contains (200) cups	**$200**
WSHLDMT-TAPE	Double sided tape for WSHLDMT - Kit contains (200) pieces	**$200**

HID iCLASS Products (Cont'd)

Part #	Descriptions	Cost

iCLASS OSDP (Open supervised Device Protocol) Readers

Part #	Descriptions	Cost
900NTPTEK0033V	**iCLASS SE R10 reader;** Black; Terminal; OSDP; consists of Legacy iCLASS - SIO - SEOS; Mullion mount size; LED Red - Flash Green - Buzzer On; 485 Full Duplex; Open Collector and Optical Tamper; with HID standard logo	**$176**
910NTPTEK0033V	**iCLASS SE R15 Reader;** Black; Terminal; OSDP; consists of Legacy iCLASS - SIO - SEOS; Mullion mount size; LED Red - Flash Green - Buzzer On; RS485 Half Duplex; Open Collector and OSDP Tamper Enabled; with HID standard logo	**$310**
920NTPTEK0033V	**iCLASS SE 40 Reader**; Black; Terminal; OSDP; consists of Legacy iCLASS - SIO - SEOS; US/EU/Asian back box size; LED Red - Flash Green - Buzzer On; RS485 Half Duplex; Open Collector and OSDP Tamper Enabled; with HID standard logo	**$310**
921NTPTEK0033Y	**iCLASS SE RK40 Reader**; Black; Terminal; OSDP; consists of Legacy iCLASS - SIO - SEOS; US/EU/Asian back box size; LED Red - Flash Green - Buzzer On; RS485 Half Duplex; Open Collector and OSDP Tamper Enabled; 8-bit msg keypad; with HID standard logo	**$538**

MultiCLASS OSDP (Open supervised Device Protocol) Readers

Part #	Descriptions	Cost
900PTPTEK00340	**MultiCLASS SE RP10 reader;** Black; Terminal; OSDP; consists of Legacy iCLASS - SIO - SEOS and HID Prox capabilities; Mullion mount size; LED Red - Flash Green - Buzzer On; 485 Full Duplex; Open Collector and Optical Tamper; with HID standard logo	**$218**
910PTPTEK00340	**MultiCLASS SE RP15 Reader; Black;** Terminal; OSDP; consists of Legacy iCLASS - SIO - SEOS HID Prox capabilities; Mullion mount size; LED Red - Flash Green - Buzzer On; RS485 Half Duplex; Open Collector and OSDP Tamper Enabled; with HID standard logo	**$352**
920PTPTEK00340	**MultiCLASS SE RP40 Reader;** Black; Terminal; OSDP; consists of Legacy iCLASS - SIO - SEOS HID Prox capabilities; US/EU/Asian back box size; LED Red - Flash Green - Buzzer On; RS485 Half Duplex; Open Collector and OSDP Tamper Enabled; with HID standard logo	**$352**
921PTPTEK00341	**MultiCLASS SE RPK40 Reader;** Black; Terminal; OSDP; consists of Legacy iCLASS - SIO - SEOS HID Prox capabilities; US/EU/Asian back box size; LED Red - Flash Green - Buzzer On; RS485 Half Duplex; Open Collector and OSDP Tamper Enabled; 8-bit msg keypad; with HID standard logo	**$580**

DESfire EV1 Readers

Part #	Descriptions	Cost
900PWNTEK00324	RDR, RP10, MULTICLASS, SE, LF STD, HF STD/SIO/SEOS/MIGR, WIEG, TERM, HF MIGR PFL EVP00000, IPM OFF	**$243**
910PWNTEK00324	RDR, RP15, MULTICLASS, SE E, LF STD, HF STD/SIO/SEOS/MIGR, WIEG, TERM, BLK, HF MIGR PFL EVP00000, IPM OFF	**$377**
920PWNTEK00324	RDR, RP40, MULTICLASS, SE E, LF STD, HF STD/SIO/SEOS/MIGR, WIEG, TERM, BLK, HF MIGR PFL EVP00000, IPM OFF	**$377**
921PWNTEK00324	RDR, RPK40, MULTICLASS, SE E, LF STD, HF STD/SIO/SEOS/MIGR, WIEG, TERM, BLK, HF MIGR PFL EVP00000, IPM OFF	**$605**

HID iCLASS Products (Cont'd)

Part #	Descriptions	Cost

SEOS and SEOS MuiltiTech Cards (Minimum order quantity: 100)
Additional Information Form Required

Part #	Descriptions	Cost
5006PGGMN	COMPOSITE ICLASS SEOS CONTACTLESS SMART CARD 8 KB MEMORY, PROG., F-GLOSS, B-GLOSS, MATCH. ICLASS #, NO SLOT, LAM (NOTE SEOS PROGRAMMED)	**$4.95**

iCLASS Cards (Minimum order quantity: 100)-Additional Information Form Required

Part #	Descriptions	Cost
2000NGGNN	iCLASS Contactless Smart Card, 2K bits with 2 application areas, 13.56 MHz, direct printable, ISO standard dimensions, non-programmed, no external card numbering. iCLASS must be encoded by OnGuard before card can be used (minimum order qty. 100)	**$3.82**
2001NGGNN	iCLASS Contactless Smart Card, 16K bits that can be configured by OnGuard for either 2 or 16 application areas, 13.56 MHz, direct printable, ISO standard dimensions, non-programmed, no external card numbering. Direct replacement for 2002NGGNN. (minimum order qty. 100)	**$6.89**
2080PGSNV	iCLASS Clamshell Contactless Smart Card, 2k bit with 2 application areas, configured, programmed, Gloss plain white PVC front, Std HID Logo base, No external Numbering, Vertical Slot punch. (minimum order qty. 100)	**$2.54**
2002PGGNN	iCLASS Contactless Smart Card, 16K bits with 16 application areas, 13.56 MHz, direct printable, ISO standard dimensions, programmed, no external card numbering. (minimum order qty. 100)	**$6.89**
2000NG1NN	iCLASS Contactless Smart Card, 2K bits with 2 application areas, 13.56 MHz, direct printable, ISO standard dimensions, with Magnetic stripe, non-programmed, no external card numbering. (minimum order qty. 100)	**$4.71**
2001NG1NN	iCLASS Contactless Smart Card, 16K bits that can be configured by OnGuard for either 2 or 16 application areas, 13.56 MHz, direct printable, ISO standard dimensions, with Magnetic stripe, non-programmed, no external card numbering. (minimum order qty. 100)	**$7.78**

iCLASS Composite Cards with Mag Stripe (Minimum order quantity: 100)
Additional Information Form Required

Part #	Descriptions	Cost
2101NG1NN	Composite iCLASS Contactless Smart Card, 16K bits that can be configured by OnGuard for either 2 or 16 application areas, 13.56 MHz, direct printable, ISO standard dimensions, with Magnetic stripe, non-programmed, no external card numbering.(minimum order qty. 100)	**$6.77**
2120AG1NNM	Composite iCLASS Contactless Smart Card, 2K bits with 2 application areas, 13.56 MHz & HID Proximity 125kHz , direct printable, ISO standard dimensions, with magnetic stripe, non-programmed iCLASS, programmed proximity with external card numbering matching HID proximity.(minimum order qty. 100)	**$7.83**
2121AG1NNM	Composite iCLASS Contactless Smart Card, 16K bits that can be configured by OnGuard for either 2 or 16 application areas, 13.56 MHz & HID Proximity 125kHz , direct printable, ISO standard dimensions, with magnetic stripe, non-programmed iCLASS, programmed proximity with external card numbering matching HID proximity. (minimum order qty. 100)	**$9.03**
2020AG1NNM	iCLASS Contactless Smart Card, 2K bits with 2 application areas, 13.56 MHz & HID Proximity 125kHz , direct printable, ISO standard dimensions, with magnetic stripe, non-programmed iCLASS, programmed proximity with external card numbering matching HID proximity. (minimum order qty. 100)	**$9.09**

HID iCLASS Products (Cont'd)

Part #	Descriptions	Cost
iCLASS Composite Cards (Minimum order quantity: 100)		
Additional Information Form Required		
2101NGGNN	Composite iCLASS Contactless Smart Card, 16K bits that can be configured by OnGuard for either 2 or 16 application areas, 13.56 MHz, direct printable, ISO standard dimensions, non-programmed, no external card numbering. Direct replacement for 2002NGGNN. (minimum order qty. 100)	**$5.91**
2102PGGNN	Composite iCLASS Contactless Smart Card, 16K bits with 16 application areas, 13.56 MHz, direct printable, ISO standard dimensions, programmed, no external card numbering. (minimum order qty. 100)	**$5.91**
2120AGGNNM	Composite iCLASS Contactless Smart Card, 2K bits with 2 application areas, 13.56 MHz & HID Proximity 125kHz , direct printable, ISO standard dimensions, non-programmed iCLASS, programmed proximity with external card numbering matching HID proximity.(minimum order qty. 100)	**$6.97**
2121AGGNNM	Composite iCLASS Contactless Smart Card, 16K bits with 2 application areas, 13.56 MHz & HID Proximity 125kHz , direct printable, ISO standard dimensions, non-programmed iCLASS, programmed proximity with external card numbering.(minimum order qty. 100)	**$8.17**
2020AGGNNM	iCLASS Contactless Smart Card, 2K bits with 2 application areas, 13.56 MHz & HID Proximity 125kHz , direct printable, ISO standard dimensions, non-programmed iCLASS, programmed proximity with external card numbering matching HID proximity. (minimum order qty. 100)	**$8.20**
2021AGGNNM	iCLASS Contactless Smart Card, 16K bits with 2 application areas, 13.56 MHz & HID Proximity 125kHz , direct printable, ISO standard dimensions, non-programmed iCLASS, programmed proximity with external card numbering matching HID proximity. (minimum order qty. 100)	**$9.68**
2022AGGNNM	iCLASS Contactless Smart Card, 16K bits with 16 application areas, 13.56 MHz & HID Proximity 125kHz , direct printable, ISO standard dimensions, non-programmed iCLASS, programmed proximity with external card numbering matching HID proximity. (minimum order qty. 100)	**$9.68**
iCLASS Key and Tags (Minimum order quantity: 100)		
Additional Information Form Required		
2050NNNNN	iCLASS Contactless Smart Hexagonal Key Ring Tag, 2K bits with 2 application areas, 13.56 MHz, direct printable, ISO standard dimensions, non-programmed, no external card numbering. (minimum order qty. 100)	**$4.94**

HID pivCLASS US Government FICAM Solution

pivCLASS® readers from HID Global are a selection of contact, contactless and biometric readers for government agencies. pivCLASS Authentication Modules (PAM and Embedded Authentication) and software are also part of this solution set. Additional Information Forms may be required for some of these products.

OnGuard requires some special licensing for this solution. OnGuard licenses SWG-1550 (FIPS 201 Credential Management Integration, to enable support for integrated enrollment and authenticated reader management within OnGuard. FICAM Certified in conjunction with HID pivCLASS Software and Devices) and SWG-AUTH-XXX (NUMBER OF FIPS 201 AUTH RDRS (2EA)).

By default, the listed readers have OSDP enabled. If customer needs to deploy Wiegand, configuration card can be used to convert reader output to Wiegand.

Embedded Authentication Application runs on LNL-4420 and LNL-X4420. The LNL-(X)4420 can support two Authenticated Readers onboard, and additional Authenticated Readers can be added via LNL-1300E, LNL-1300-S3 and LNL-1320-S3. Contact Lenel for current capacity limits.

NOTE: System ID Required Unless Purchasing New System.

The pivCLASS® FICAM approved solution includes pivCLASS software and hardware. HID offers contact, contactless and biometric readers that are FICAM approved for government agencies. There are two options available to enable strong authentication at the door.

(1) M2000 pivCLASS Authentication Module (PAM)
• Compatible with pivCLASS 485FDX readers
The PAM is designed as a simple retrofit solution to enable FICAM compliance for legacy installations.

(2) pivCLASS Embedded Authentication
• Compatible with pivCLASS 485HDX OSDP readers*
pivCLASS Embedded Authentication is intended for new installations or add-ons to existing installations running OnGuard 7.3 or later leveraging the LNL-4420 and LNL-X4420 controllers.

The LNL-4420 and LNL-X4420 can support two Authenticated Readers onboard, and additional Authenticated Readers can be added via LNL-1300E, LNL-1300-S3 and LNL-1320-S3. Contact Lenel for current OnGuard version and capacity limits.

OnGuard requires additional licensing for FIPS-201 solutions. OnGuard licenses SWG-1550 (FIPS 201 Credential Management Integration, to enable support for integrated enrollment and authenticated reader management within OnGuard. FICAM Certified in conjunction with HID pivCLASS Software and Devices) and SWG-AUTH-XXX (NUMBER OF FIPS 201 AUTH RDRS (2EA)).

Additional information forms may be required for some of these products.

* The listed readers have OSDP enabled by default. If customer needs to deploy Wiegand, configuration card can be used to convert reader output to Wiegand mode.

NOTE: System ID Required Unless Purchasing New System

HID pivCLASS Products (Cont'd)

Part #	Descriptions	Cost
	FOR ALL pivCLASS READERS are available in Black	

PLEASE NOTE ADDITIONAL OPTIONS CONTINUE TO BE AVAILABLE

HID PIV iClass 485HDX Readers for Embedded Authentication Solution with LNL-4420 / LNL-1300E / Series 3 Reader Interfaces (LNL-1300-S3 and LNL-1320-S3)

Part #	Description	Cost
900NHPTEK000HR-L02	R10-H, pivCLASS Mini-Mullion, Supports iCLASS [SEOS/SE/Legacy]/FIPS/CAK/Lenel DIW, 485HDX, OSDP v2, Terminal Strip, Black, FIPS 200-Bit, for Embedded Authentication Solution, LENEL Logo and install guide	**$176.00**
920NHPTEK000HR-L02	R40-H, pivCLASS Mullion, Supports iCLASS [SEOS/SE/Legacy]/FIPS/CAK/Lenel DIW, 485HDX, OSDP v2, Terminal Strip, Black, FIPS 200-Bit, for Embedded Authentication Solution, LENEL Logo and install guide	**$310.00**
921NHPTEK000HT-L02	RK40-H, pivCLASS Single Gang With Keypad, Supports iCLASS [SEOS/SE/Legacy]/FIPS/CAK/Lenel DIW, 485HDX, OSDP v2, Terminal Strip, Black, FIPS 200-Bit, for Embedded Authentication Solution, LENEL Logo and install guide	**$540.00**
923NPPTEK000NT-L02	RKCL40-P, pivCLASS, 2-Factor, Double Gang Contact/Contactless LCD Display with Keypad, Supports iCLASS [SEOS/SE/Legacy]/FIPS/CAK/PKI/Lenel DIW, 485HDX, OSDP v2, Terminal Strip, Black, FIPS 200-Bit, for Embedded Authentication Solution, LENEL Logo and install guide	**$853.00**

Change "T" to "N" above for Pigtail version

HID PIV MultiCLASS 485HDX Readers for Embedded Authentication Solution with LNL-4420 / LNL-1300E / Series 3 Reader Interfaces (LNL-1300-S3 and LNL-1320-S3)

Part #	Description	Cost
900PHPTEK000HU-L02	RP10-H, pivCLASS Mini-Mullion, Supports iCLASS [SEOS/SE/Legacy]/FIPS/CAK/HID Prox/EM4102 32-Bit/Lenel DIW, 485HDX, OSDP v2, Terminal Strip, Black, FIPS 200-Bit, for Embedded Authentication Solution, LENEL Logo and install guide	**$218.00**
920PHPTEK000HU-L02	RP40-H, pivCLASS Mullion, Supports iCLASS [SEOS/SE/Legacy]/FIPS/CAK/HID Prox/EM4102 32-Bit/Lenel DIW, 485HDX, OSDP v2, Terminal Strip, Black, FIPS 200-Bit, for Embedded Authentication Solution, LENEL Logo and install guide	**$352.00**
921PHPTEK000HV-L02	RPK40-H, pivCLASS Single Gang With Keypad, Supports iCLASS [SEOS/SE/Legacy]/FIPS/CAK/HID Prox/EM4102 32-Bit/Lenel DIW, 485HDX, OSDP v2, Terminal Strip, Black, FIPS 200-Bit, for Embedded Authentication Solution, LENEL Logo and install guide	**$580.00**
923PPPTEK000NU-L02	RPKCL40-P, pivCLASS, 2-Factor, Double Gang Contact/Contactless LCD Display with Keypad, Supports iCLASS [SEOS/SE/Legacy]/FIPS/CAK/PKI/HID Prox/EM4102 32-Bit/Lenel DIW, 485HDX, OSDP v2, Terminal Strip, Black, FIPS 200-Bit, for Embedded Authentication Solution, LENEL Logo and install guide	**$895.00**

Change "T" to "N" above for Pigtail version

HID pivCLASS Products (Cont'd)

HID Embedded Authorization License for LNL-4420 / LNL-1300E, and License & Reader Bundles

Part #	Descriptions	Cost
EA-LICENSE2	Two (2) Embedded Authentication Licenses	$502.00
E920NHPTEK000HR-L02	PIVCLASS BUNDLE, EMBEDDED AUTHENTICATION MODULE & TWO R40-H TERMINAL READERS, FIRST YEAR EA MAINTENANCE AND SUPPORT INCLUDED, LENEL DIW, LENEL LOGO LBL & INSTALL GUIDE,PART INCLUDES EA-LICENSE2 AND FIRST YEAR M&S	$948.00
E920PHPTEK000HU-L02	PIVCLASS BUNDLE, EMBEDDED AUTHENTICATION MODULE & TWO RP40-H TERMINAL READERS, FIRST YEAR EA MAINTENANCE AND SUPPORT INCLUDED, LENEL DIW, LENEL LOGO LBL & INSTALL GUIDE,PART INCLUDES EA-LICENSE2 AND FIRST YEAR M&S	$1,008.00
E923NPPTEK000NT-L02	PIVCLASS BUNDLE, EMBEDDED AUTHENTICATION MODULE & TWO RKCL40-P TERMINAL READERS, FIRST YEAR EA MAINTENANCE AND SUPPORT INCLUDED, LENEL DIW, LENEL LOGO LBL & INSTALL GUIDE,PART INCLUDES EA-LICENSE2 AND FIRST YEAR M&S	$1,729.00
E923PPPTEK000NU-L02	PIVCLASS BUNDLE, EMBEDDED AUTHENTICATION MODULE & TWO RPKCL40-P TERMINAL READERS, FIRST YEAR EA MAINTENANCE AND SUPPORT INCLUDED, LENEL DIW, LENEL LOGO LBL & INSTALL GUIDE,PART INCLUDES EA-LICENSE2 AND FIRST YEAR M&S	$1,790.00
E91000-MS	Embedded Authentication Firmware Maintenance & Support, annual fee (per license EA-LICENSE2), first year included with purchase. 8 am to 5 pm Central Time Monday through Friday.	$50.00

Change "T" to "N" above for Pigtail version

HID pivCLASS Authentication Module (PAM) and PAM/Reader Bundles

91000BBNNN	M2000 PIVCLASS AUTHENTICATION MODULE (PAM); Authentication module hardware with plastic enclosure, firmware and installation manuals. Includes pivCLASS Reader Services component. Rev B	$2,325.00
91000BNNNN	M2000 PIVCLASS AUTHENTICATION MODULE (PAM), CCA ONLY, NO	$1,995.00
B920NHRTEK000HW-L02	PIVCLASS BUNDLE, TWO R40-H PIVCLASS REV E TERMINAL BLK RDRS & ONE M2000 PIVCLASS AUTHENTICATION MODULE (PAM), 00HW PIVCLASS CONFIG, LENEL DIW, LENEL LOGO & INSTALL GUIDE	$2,170.00
B923NPRTEK000K8-L02	PIVCLASS BUNDLE, TWO RKCL40-P PIVCLASS REV E TERMINAL BLK RDRS & ONE M2000 PIVCLASS AUTHENTICATION MODULE (PAM), 00K8 PIVCLASS CONFIG, LENEL DIW, LENEL LOGO & INSTALL GUIDE	$2,856.00
B924NPRTEK000K8-L02	PIVCLASS BUNDLE, TWO RKCLB40-P PIVCLASS REV E TERM BLK RDRS & ONE M2000 PIVCLASS AUTHENTICATION MODULE (PAM), 00K8 PIVCLASS CONFIG, LENEL DIW, LENEL LOGO & INSTALL GUIDE	$3,692.00
91000-MS	PAM Firmware Maintenance & Support, annual fee (per 91000Axxxx), first year included with purchase. 8 am to 5 pm Central Time Monday through Friday.	$50.00

Change "T" to "N" above for Pigtail version

pivCLASS 485FDX Readers - used with PAM solution

900NHRTEK0000C	pivCLASS R10 reader; Black; Pigtail; wiegand output; consists of Legacy iCLASS - SIO - SEOS - FIPS 201 - CAK; Mullion mount size; LED Red - Flash Green - Buzzer On; RS-485 Full Duplex; Open Collector and Optical Tamper; FIPS 200 bit; with HID standard logo	$176.00

Change "T" to "N" above for Pigtail version

HID pivCLASS Products (Cont'd)

Part #	Descriptions	Cost
HID pivCLASS 485FDX Readers. To be sold and used solely in environments with the pivCLASS Authentication Module (PAM) or plans to use the PAM		
924NPRTEK000K8-L02	RDR, RKCLB40-P, PIVCLASS, SE E, CONT LCD BIO, LF OFF, HF STD/SIO/SEOS/FIPS/CAK/PKI/DIW, 485FDX, TERM, BLK, LED RED, FLSH GRN, BZR ON, KPF, ASCII, BFFRD 1 KEY,LCD 1F,IPM OFF,UART ON,WIEG OFF,LENEL DIW,LENEL LOGO LBL, INSTALL GUIDE	**$1,445.00**
923NPRTEK000K8-L02	RDR, RKCL40-P, PIVCLASS, SE E, CONT LCD, LF OFF, HF STD/SIO/SEOS/FIPS/CAK/PKI/DIW,485FDX,TER, BLK,LED RED,FLSH GRN,BZR ON,KPF, ASCII, BFFRD 1 KEY,LCD1F,IPM OFF,UART ON,WIEG OFF,LENEL DIW,LENEL LOGO LBL, INSTALL GUIDE	**$853.00**

Change "T" to "N" above for Pigtail version

Part #	Descriptions	Cost
HID pivCLASS Reader deploy initially as Wiegand, field Flash update to PAM Reader		
923PPRTEK0053W-L002	RDR, RPKCL40-P, PIVCLASS, SE E, CONT LCD, LF STD, HF STD/SIO/SEOS/FIPS/CAK/DIW, 485FDX, TERM, BLK, STD-1, WIEG, LED RD, FLSH GRN, BZR ON, OPT TAMP DISAB, FIPS 200-BIT, LCD 1F, EM4102 34-BIT, BFFRD 1 KEY, DOR COMPL, NO PAR, 8-BIT MSG, LENEL	**$895.00**

Change "T" to "N" above for Pigtail version

Part #	Descriptions	Cost
Configuration Cards (Applied to "L02" pivCLASS Readers that were shipped with Wiegand ON- ENABLE OSDP V2, DISABLE WIEGAND, ADDRESS 0, and if applicable keypad to		
SEC9X-CRD-0-P021	CONFIGURATION CARD: CHANGES CONFIGURATION FROM WIEGAND TO OSDP COMMUNICATION PROTOCOL, ENABLE OSDP V2, AV OFF, OSDP TEST KEY, ADDRESS 0, 9600 BAUD, WIEG OFF, UART OFF	**$30.00**
SEC9X-CRD-0-P022	CONFIGURATION CARD: CHANGES CONFIGURATION FROM WIEGAND TO OSDP COMMUNICATION PROTOCOL, ENABLE OSDP V2, AV OFF, OSDP TEST KEY, ADDRESS 0, 9600 BAUD, KPF, ASCII, BFFRD 1 KEY,WIEG OFF, UART OFF	**$30.00**

Part #	Descriptions	Cost
Configuration Cards (Applied to "L02" pivCLASS Readers that are shipped with OSDP ON-ENABLE LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, WIEG ON and if applicable set keypad to 4 or 8 bit MSG)		
SEC9X-CRD-0-P023	CONFIGURATION CARD: CHANGES CONFIGURATION FROM OSDP TO WIEGAND-LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, WIEG ON, FIPS 200-bit	**$30.00**
SEC9X-CRD-0-P024	CONFIGURATION CARD: CHANGES CONFIGURATION FROM OSDP TO WIEGAND-LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, WIEG ON, FIPS 200-bit, KPF, BFFRD 1 KEY, NO PAR, 4-BIT MSG	**$30.00**
SEC9X-CRD-0-P025	CONFIGURATION CARD: CHANGES CONFIGURATION FROM OSDP TO WIEGAND-LED RED, FLSH GRN, BZR ON, OPT TAMP, OPEN COLL, WIEG ON, FIPS 200-bit, KPF, BFFRD 1 KEY, DORADO, NO PAR, 8-BIT MSG	**$30.00**

FIPS-201 and FICAM Authentication and Enrollment licenses for OnGuard

Part #	Description	Cost
SWG-1550	FIPS 201 Credential Management Integration, to enable support for integrated enrollment and authenticated reader management within OnGuard. FICAM Certified in conjunction with HID pivCLASS and Technology Industries EntryPoint Software and supported devices (sold separately). Consult your Lenel representative for details.	**$5,000**
SWG-AUTH-002	License to enable two (2) Authenticating readers in OnGuard. This option requires SWG-1550, along with appropriate HID pivCLASS or Technology Industries EntryPoint software and suitable readers, controllers, and additional hardware and software to create a FIPS-201 FICAM compliant solution. Consult your Lenel representative for details.	**$143**

HID pivCLASS Products (Cont'd)

Part #	Descriptions	Cost
HID pivCLASS Software for FICAM Solution		
PVC-API-RTL	PIVCLASS FIPS 201 SDK, RUN TIME LICENSE, DOWNLOAD, OEM ONLY	**$3,000.00**
PVCP-D/S-14-00	pivCLASS Registration Engine: Includes software that validates the authenticity and registers the credential into OnGuard. One license per workstation. First year maintenance and support included.	**$12,299**
PVCP-D/S-CPLG-14-00	pivCLASS PACS Plugin Change: Used to change PACS Plugin license from one PACS headend vendor product to another. One license per workstation.	**$7,181**
PVCP-D/S-MS	Annual maintanance and support contract for Registration Engine (PVCP-D/S-14-00) . First year M&S included with product purchase.	**$1,604**
PVC-CM	pivCLASS Certificate Manager: Enables ongoing certificate checks post credential registration. One license per PACS. Second license required for redundant PACS if present. First year maintenance and support included.	**$14,783**
PVC-CM-MS	Annual maintanance and support contract for Certificate Manager (PVC-CM) .First year M&S included with product purchase.	**$1,928**
PVC-CM-REDNT	pivCLASS Certificate Manager Redundant Copy:For use as hot backup. One license per PACS. Primary PVC-CM required. First year maintenance and support included.	**$7,391**
PVC-CM-REDNT-MS	Annual Maintenance & Support contract for redundant pivCLASS Certificate Manager (PVC-CM-REDNT). First year M&S included with purchase.	**$964**
PVC-IDPUB500	pivCLASS IDPublisher 500 badge capacity: Registers cardholders using a DB (IDMS or CMS). One per system. You must also order the appropriate PACS-SVC-14-00 component. First year maintanence and support included.	**$7,590**
PVC-IDPUB500-MS	Annual Maintenance & Support contract for pivCLASS IDPublisher 500 badge capacity (PVC-IDPUB500). First year M&S included in purchase price.	**$990**
PVC-IDPUBUNL	pivCLASS IDPublisher Unlimited badge capacity: Registers cardholders using a DB (IDMS or CMS). One per system. You must also order the appropriate PACS-SVC-14-00 component. First year maintenance and support included.	**$25,553**
PVC-IDPUBUNL-MS	Annual Maintenance & Support contract for pivCLASS IDPublisher Unlimited badge capacity (PVC-IDPUBUNL). First year M&S included in purchase price.	**$3,333**
PACS-SVC-14-00	pivCLASS PACS Service Component pivCLASS PACS Plug-in Software. This accessory must accompany any IDPublisher order. No separate maintenance and support required for this component.	**$5.00**
PVC-FXRDR	pivCLASS Reader Services Includes software and supporting documentation. When ordering this product, please provide the "HID Supplemental Order Information Form".	**$251.00**
PVC-FXRDR-MS	Annual subscription service. First year included with purchase. 8 am to 5 pm Central Time Monday through Friday. pivCLASS Reader Services Includes software and supporting documentation. When ordering this product, please provide the "HID Supplemental Order Information Form".	**$33.00**
SMA-MSO-1300-E3	MorphoSmart MSO 1300E3, Compact USB scanner for OnGuard OpenCapture enrollment. Plastic Housing. FBI IQS Certified	**$354.00**
SMA-MSO-1300-V3	MorphoSmart MSO 1300V3, Compact USB scanner for OnGuard OpenCapture enrollment. Plastic Housing.	**$217.00**
R31210349-1	OMNIKEY 3121 smart card reader for registration, TAA compliant. (No Pinpad)	**$25.50**
PVC-MPX-CNSL	pivCLASS MultiPACS Console: Provides management interface for enrollment into separate PACS. Requires the additional purchase of MultiPACS connector per enterprise region or standalone system. First year maintenance and support included.	**$14,778**
PVC-MPX-CNSL-MS	Annual Maintenance & Support contract for MultiPACS Console (PVC-MPX-CNSL) First year M&S included with purchase.	**$1,928**
PVC-MPX-CNSL-REDNT	pivCLASS MultiPACS Console Redundant Copy: For use as hot backup. Primary PVC-MPX-CNSL required. First year maintenance and support included.	**$7,389**
PVC-MPX-CNX-14-00	pivCLASS MultiPACS Connector: A PACS specific connector is required for each separate PACS or enterprise region being serviced by the multiPACS console. First year maintenance and support included.	**$9,585**
PVC-MPX-CNX-MS	Annual Maintenance&Support contract for MultiPACS Connector (PVC-MPX-CNX-14-00) First year M&S included with purchase.	**$1,250**

Technology Industries EntryPoint US Government FICAM Solution

IMPORTANT: This solution is not yet FICAM certified with OnGuard. Consult your Lenel Representative
A combination of TI EntryPoint Software, to capture data from US Government credentials for enrollment; EntryPoint Embedded Authentication firmware for the LNL-4420; and readers from Veridt and Allegion compose the US Government FICAM Solution

Part #	Descriptions	Cost
	EntryPoint Software	
EP-EWS	Base FICAM Enrollment Package. Includes: • (1) Registration Workstation License for FIPS/FICAM Enrollment • (1) PACS or LACS Connector • (1) Certificate Management Engine for Periodic Revocation Checks and connection to Federal Bridge • (1) Database Connector • 1st Year Maintenance and Support	$10,300
EP-EWS-CIV	Includes all of EP-EWS, with addition of • CIV CHUID Encoding • Base Badge Designer • Badge Printing	$13,500
EP-EWS-PKI	Includes all of EP-EWS-CIV, with addition of	$14,600
EP-ADD-BWS	Additional Workstation, Base	$7,500
EP-ADD-CWS	Additional, Workstation, CIV Encoding	$9,000
EP-ADD-PWS	Additional Workstation, PKI Encoding	$10,100
EP-SPRT365-EWS	Annual Support for EP-EWS, 8X5 EST	$1,442.00
EP-SPRT365-CIV	Annual Support for EP-EWS-CIV, 8X5 EST	$1,890.00
EP-SPRT365-PKI	Annual Support for EP-EWS-PKI, 8X5 EST	$2,044.00

EntryPoint Firmware

TI EntryPoint Embedded Authorization License for LNL-4420 / LNL-1300E / LNL-1300-S3 & LNL-1320-S3 and License & Reader Bundles

Part #	Descriptions	Cost
EP-PNL-RDR	Base EntryPoint Panel/Server License. Includes: • (2) High Assurance Reader Licenses • (1) Panel Manager License • (1) Certificate Management Engine for Periodic Revocation Checks and connection to Federal Bridge • (1) Database Connector • 1st Year Maintenance and Support	$406.00
EP-ADD-RDR-2	Additional Reader License (bundle of 2)	$350.00
EP-SPRT365-RDR	Annual Maintenance and Support (per reader)	$28.00

Veridt Readers & Accessories
Veridt Stealth Reader series and accessories

Part #	Descriptions	Cost
900W2026-DLXON	Stealth: For PIV, PIV I, CAC, TWIC, ISO 14443. Compact form factor (5" X 3" X 1.5"); contactless card read interface; LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; RS-485 Serial interface; IP-65 rated.	**$999.00**
900W2027-DLXON	Stealth Lite: For PIV, PIV I, CAC, TWIC, ISO 14443. Compact form factor (5" X 3" X 1.5"); contactless card read interface; LED's and audible signaling; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; RS-485 Serial interface; IP-65 rated.	**$690.00**
900W2036-DLXON	Stealth Dual: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (5" X 3" X 1.5"); dual card read interface (contactless & contact); LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; RS-485 Serial interface; IP-65 rated.	**$999.00**
900W2037-DLXON	Stealth Dual Lite: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (5" X 3" X 1.5"); dual card read interface (contactless & contact); LED's and audible signaling; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; RS-485 Serial interface; IP-65 rated.	**$690.00**
900W2030-DLXON	Stealth Bio: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (7" X 3" X 1.5"); dual card read interface (contactless & contact); fingerprint biometrics; LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; RS-485 Serial interface; IP-65 rated.	**$1,650.00**

for Wiegand interface change -DLXON to -WXYON

Part #	Descriptions	Cost
033-200004	Environmental Enclosure for Stealth Series Readers (fully encloses reader) required for outdoor operation of Stealth Bio-Reader.	**$210.00**
033-200500	"Heavy Weather" Visor for Stealth Series Readers (Heavy Duty version); required for outdoor operation of Stealth Bio-Reader.	**$249.00**
862-109500	Mullion Mount Adaptor: a mullion mount adaptor for use with Stealth Readers (Bio and non-Bio) is available to insure safe and secure mounting of Veridt readers. The standard reader mounting plate secures directly to adaptor. Can be mounted in both left or right side of mullion	**$165.00**
842-200100	Pedestal Mount for Non-Bio readers. Includes custom mounting adaptor for simplified installation.	**$290.00**
842-200200	Pedestal Mount for Stealth Bio-Readers. Includes custom mounting adaptor for simplified installation.	**$290.00**
033-200600	Spacer: Plastic spacer to isolate reader from electrical box. Each package contains 12 spacers.	**$144.00**
402-105800	Extended Stealth Main Cable: 24 inch long cable Each package contains 3 cables.	**$95.00**
562-110600	Waterproof DC/DC Converter 24V Step Down to 12V/20A 240W Power Supply Module Operating temperature: -40 °C to +85 °C	**$125.00**

Allegion Aptiq Readers & Accessories

Aptiq MT11, MT15, and MTK15 readers can be used in this solution as well. They must be configured with CE-401-201

Part #	Descriptions	Cost
LNL-MT11-401-201	Aptiq Mullion Reader, Black, OSDP, setup for Extended Packet Mode, for use in Embedded Authentication solution	**$327.00**
LNL-MT15-401-201	Aptiq Single Gang Reader, Black, OSDP, setup for Extended Packet Mode, for use in Embedded Authentication solution	**$327.00**
LNL-MTK15-401-201	Aptiq Single Gang with Keypad Reader, Black, OSDP, setup for Extended Packet Mode, for use in Embedded Authentication solution	**$523.00**
CE-401-201	Aptiq Configuration Card for Embedded Authentication, OSDP Extended Packet Mode	**$10.40**

Standalone Smart Card Encoders

The following standalone encoders can be used with OnGuard to program supported card formats to supported badges. Please contact Lenel if there are any questions regarding your specific encoding needs.

NOTE: System ID Required Unless Purchasing New System.

Part #	Description	Cost
iClass, MiFare, DESfire EV1 Encoder		
CP1000D-LENEL	Desktop iClass and DESFire encoder.	**$2,000**
CRDT-J0	Configuration Card Generation	**No Charge**
CRDT-G5	Third Party Credential Credits. Credit for MIFARE DESFire Credentials with Custom Data. 100,000 included with CP1000D-LENEL	**$2.00**
CRDT-C5	Genuine HID Credential Credits. Credit for MIFARE DESFire Credentials with Custom Data. 500,000 included with CP1000D-LENEL	**No Charge**
MiFare Encoder		
D24-DSK-NFC-011	Digion24 desktop encoder, MiFare and DesFire only	**$495**

RF Ideas pcProx Enrollment Readers

Since there is no software deployed, the plug-n-play reader designs are truly easy to integrate into your existing application. The USB models connect directly to USB ports and send data as keystrokes. Compatible with Windows CE®, Windows 2000®, Windows XP®, Windows Vista®, Windows 7®, Macintosh®, the Solaris™ operating system, Sun Ray™ thin clients, and Linux. (Free configuration software requires Windows® operating system.). The standard housing (desktop) can be placed anywhere on the desktop. Featuring an articulated cable it can easily be mounted on kiosks, monitors, time clocks, and more. Optional base and mounting brackets expand placement options. Other form factors allow for easy, unobtrusive placement. Meets medical/healthcare HIPAA requirements when used as a login reader.

NOTE: System ID Required Unless Purchasing New System.

Mag Stripe Enrollment		
MS3-00M1AKU	RF Ideas Mag Stripe Wedge [will read badge id off any mag stripe card][USB form factor]	**$99**
PROX [125 kHz] Enrollment		
RDR-6981AKU	RF Ideas AWID Prox Wedge [will read badge id off any AWID prox card][USB form factor]	**$179**
RDR-6081AKU	RF Ideas HID Prox Wedge [will read badge id off any HID prox card][USB form factor]	**$179**
PROX & Smart Card Enrollment		
RDR-80581AKU	RF Ideas Enrollment Wedge Device: pcProx PLUS Enroll. Supports AWID; Casi-Rusco; HID Prox; Indala; Deister; ReadyKey Pro; GE Security / Advant CSN; HID iCLASS CSN; ISO 15693 CSN; MIFARE Ultralight CSN; DESFire CSN; ISO 14443A CSN; MIFARE CSN [USB form factor]	**$189**
Smart Card [13.56 Mhz] Enrollment		
RDR-7081BKU	RF Ideas HID iClass Wedge [will read badge id off any HID iCLASS card][USB form factor]	**$199**
RDR-7581AKU	RF Ideas 13.56 Mhz CSN [will read Card Serial Number from ISO14443A (Mifare; UltraLight; Mifare Plus; DesFire) and ISO15693 (iCLASS; TI Tag-it; Phillips i-code; Infineon my-d; etc.)] Mifare CSN is historically 32 bit but changing to 56 bit; ISO15693 badges are 64 bit. The reader handles them all. [USB form factor]	**$179**
RDR-7585AKU	RF Ideas Mifare Air ID [will read badge id off Mifare cards][USB form factor]	**$147**
FIPS 201 Enrollment		
RDR-7P71AKU	RF Ideas PIV Wedge [will read badge id off a FIPS 201 compliant card][USB form factor]	**$480**

OMNIKEY Desktop Enrollment Readers

Desktop Smart Card Readers - WILL NOT ENCODE CARDS THROUGH ONGUARD - these can be used to pull cardholder data of the card and populate OnGuard.
NOTE: System ID Required Unless Purchasing New System.

Part #	Description	Cost
R31210349-1	Omnikey 3121 USB desktop card reader for contact smart card application	**$25.50**

Indala Products

All Indala readers listed are ordered in 26-bit Wiegand format. If any other format is required (i.e. Lenel's custom Format - Note: Call Factory for pricing and add **-CF** to all readers ordered for Lenel's Custom Format) the readers and cards must be special ordered (minimum of 2 to 4 weeks additional lead time) call Lenel for special orders. All Indala readers require a Reader Interface Module (LNL-1320 or LNL-1300) for ISC communications.

Additional Information Form Required.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
	Proximity Card Readers	
	* - CF Require card format, facility code and special order information available at the time of order.	
FP5061B	FlexPass 501 keypad Proximity Reader w/ keypad (8-bit burst), Black, (4 -16 VDC)	$533
FP5077B	FlexPass Keypad Heavy Duty Metal Beige proximity reader with (8 bit burst keypad output), (9-16 VDC)	$300
	FlexPass Products Arch Style	
FP3511A	Arch style, Slim, Black, 5 inch read range with reader kit	$269
FP3517A	Arch style, Slim, Beige, 5 inch read range with reader kit	$188
FP3521A	Arch style, Wallswitch, Black, 5 inch read range with reader kit	$188
FP3526A	Arch style, Wallswitch, White, 5 inch read range with reader kit	$188
FP3231A	Arch style, Mid-range, Black, 12 inch read range with reader kit	$272
	Flexpass Products Style Curve Style	
FP2511A	Curve style, Slim, Black, 5 inch read range with reader kit	$188
	Flexpass Products Style Wave Style	
FP1231A	Wave style, Mid-range, Black, 12 inch read range with reader kit	$272
	Legacy Proximity Readers	
	Proximity Cards and Devices	
	Custom artwork is available on cards front & back, special order only, review Order Form B.	
	NOTE: System ID Required Unless Purchasing New System.	
FP-KEY	Keytag, Prox Card Device standard keytag includes, blue tag, 26 bit Wiegand format, matte finish, inkjet sequential number marking matching internal proximity numbers [Min Order QTY of 100]	$3.72
FP-ISO	ISO Image 30, Direct Printable both sides, standard configuration includes 26-bit Wiegand format, direct printable glossy front and back finish, inkjet sequential number marking on back matching internal proximity number [Min Order QTY of 100]	$5.20
FPIXT	ISO Image 30 Composite PVC Card, Direct Printable both sides, standard configuration includes 26-bit Wiegand format, direct printable glossy front and back finish, inkjet sequential number marking on back matching internal proximity number [Min Order QTY of 100]	$5.20
FPTAG-SSSS-0002	Indala Flex Tag - 125 kHZ; printed Indala logo on front - standard programming - standard graphics on front - no graphics on back - standard marking with matching internal id number - no custom artwork	$4.14

Schlage AD-400 Wireless Products

AD-Series electronic locks from Schlage are designed to be modular and provide more options to choose from, more functionality in the lock and more compatibility with existing systems. Its patent-pending modular design allows the lock to be customized to fit the needs of an application now, and can change to meet future needs without removing it from the door.

NOTE: System ID Required Unless Purchasing New System

Part #	Descriptions	Cost
Lock License Bit		
SWG-1800-PL	Partner Access Device License for electronic locks PURCHASED through Lenel and attached to an OnGuard system [REQUIRED license for all Third Party Locks]	No Charge
SWG-1800-N-PL	Partner Access Device License for electronic locks NOT PURCHASED through Lenel and attached to an OnGuard system [REQUIRED license for all Third Party Locks]	$130
PIM - Panel Interface Module		
PIM400-1501-KIT	PIM400-1501-KIT; 16 wireless lock controller; consists of PIM400-485 & LNL-2210 in the same enclosure; RJ-45 and USB port on outside of controller; powered by POE. NOTE: LNL-2210 is provided separately and needs to be installed and connected inside the enclosure.	$2,472
PIM400-485	**PIM400-485**; 16 wireless lock hub; RS-485 connection; includes weatherproof enclosure, internal antenna with ability to add remote antenna; requires 12 or 24 VDC power supply. (7.1" x 7.1" enclosure)**[starting with OnGuard 6.6 SP1 this connects via RS-485 to downstream port on ISC]**	$1,622
PIM400-TD2	Wiegand (data1/data0) or magnetic stripe (clock & data) output; includes weatherproof enclosure, internal antenna with ability to add remote antennal; requires 12 or 24 VDC power supply. Dry Contact board not included. (7.1" x 7.1" enclosure)**[must be connected to weigand reader ports]**	$879
RLBD	Optional Dry contact board available for PIM400-TD2 to simplify installation with Acess Control Panels that require relays. Configurable for Normally Open/Closed	$253
593PI-12DC	12 VDC Power Supply (plug-in transformer), may be used to power all PIMs	$121
Handheld Configurator		
HHD-KIT-USB	Handheld Device pre-loaded with SUS	$1,293
PIMWA-CV	Converter used to connect HHD to WA Series PIM, using the HH-Serial Cable	$26.00
Wireless Portable Reader [comes with battery pack]		
WPR400-DT	Wireless Portable Signal Tester; batter-operated; with dummer trim reader cover	$1,345.00
WPR400-KP	Keypad Only Reader; battery-operated handheld unit	$1,426.00
WPR400-MG	Magnetic Stripe Reader [insert]; battery-operated handheld unit	$1,516.00
WPR400-MGK	Magnetic Stripe Reader [insert] and Keypad; battery-operated handheld unit	$1,567.00
WPR400-MT	Multi-Technology Reader; battery-operated handheld unit	$2,052.00
WPR400-MTK	Multi-Technology Reader with keyapd; battery-operated handheld unit	$2,169.00
WPR401-FMK	FIPS Multi-Technology Reader with Keypad; battery-operated handheld unit	$2,324.00
Wireless Portable Reader Battery Packs [meant for use with WPR40x-xx above]		
K380-001	Single Battery; WA/AD Series Battery Pack used to power WA5200, WA5600, WA993, WPR2, WSM, and WPR400	$65
Wireless Reader Interface		
SCH-WRI400	Wireless Reader Interface - Indoor or Outdoor - compatible with Wiegand or mag stripe interface readers - inputs for 2 paralled readers; requires 12 VDC power supply	$1,035

Schlage AD-400 Wireless Products (Cont'd)

Part #	Descriptions	Cost
Wireless Control Kits		
ECK400	Elevator Control Kit; includes WRI400 - PIM400-TD2 - ANT400-REM-I/O and 12 VDC power Supply.	**$2,922**
GCK400	Gate Control Kit; includes WRI400 - PIM400-TD2 - ANT400-REM-I/O - MGM+MCA5 and 12 VDC power Supply.	**$3,053**
Antenna Grounding Kits		
MGB-MCA5	Grounding Kit for ANT-REM-I/O+6DB ONLY	**$195**
Remote Antennas		
ANT400-REM-I/O	Omni-Directional Remote Indoor/Outdoor Antenna Module. Includes Antenna, 15' Coax, Coax Whip, Articulated Wall/Post Mounting Hardware. For indoor use with PIM400 and/or WRI400. Requires MGB+MCA5 Antenna Grounding Kit for outdoor applications.	**$564**
ANT400-REM-I/O+6DB	Directional Remote Indoor/Outdoor Antenna Module with 6dB Gain. Includes Antenna, 15' Coax, Coax Whip, Articulated Wall/Post Mounting Hardware. For indoor use with PIM400 and/or WRI400. Requires MGB+MCA5 Antenna Grounding Kit for outdoor applications.	**$545**
ANT400-REM-Ceiling	Omni-Directional Remote Indoor/Outdoor Antenna Module. Includes Antenna, 15' Coax, Coax Whip. For indoor use with PIM400 and/ or WRI400.	**$415**
ANT400-REM-HALL	Bi-Directional Remote Indoor Antenna Module. Includes Antenna, 15' Coax, Coax Whip. For indoor use with PIM400 and/or WRI400.	**$591**

All Schlage AD400 lock part numbers are available. To build your configuration, please use the Schlage online tool: https://elock.allegion.com/Projects/Index
After you have your lock configuration, please contact Insidesales@lenel.com

Part #	Descriptions	Cost
Replacement Reader Modules for AD locks		
KP	Keypad Only Reader Module.	**$413**
MG	Magnetic Stripe Reader Module (Track 1, 2, or 3).	**$503**
MGK	Magnetic Stripe Reader Plus Keypad Module (Track 1, 2, or 3).	**$719**
MT	125 kHz Proximity and 13.56 MHz Smart Card Reader Module.	**$589.00**
MTK	125 kHz Proximity and 13.56 MHz Smart Card Reader Plus Keypad Module.	**$802**
Communication Module Kits		
Please Note: You must specify finish at time of order. Wireless upgrade kits for AD series locks.		
COM400L	Wireless AD-400 Communication Kit. AD400 900Mhz Wireless Comm Board plus Cover for Classroom/Storeroom Function, w/ LED Lens on CY & MS Chassis. All Functions on MD Chassis	**$376**
AD Series Accessories		
23458599	Exterior Shim Plate	**$14.00**
23458565	Interior Shim Plate - AD-401	**$18.00**

Schlage ENGAGE Wireless Products

The ENGAGE-Series electronic locks from Schlage include NDE and LE wireless locks, that are designed to
All Schlage ENGAGE Series NDE and LE lock part numbers are available. To build your configuration, please use the Schlage online tool: https://elock.allegion.com/Projects/Index
After you have your lock configuration, please contact Insidesales@lenel.com

Part #	Descriptions	Cost
Lock License Bit		
SWG-1800-PL	Partner Access Device License for electronic locks PURCHASED through Lenel and attached to an OnGuard system [REQUIRED license for all Third Party Locks]	**No Charge**
SWG-1800-N-PL	Partner Access Device License for electronic locks NOT PURCHASED through Lenel and attached to an OnGuard system [REQUIRED license for all Third Party Locks]	**$130**
ENGAGE Gateway		
SCH-GWE	SCHLAGE ENGAGE Gateway with RS-485, 12/24 VDC Input or PoE. Can be mixed on same bus a PIM400. Clear line of sight range to lock approximately 30.5m (100 ft). Environment and building construction materials will cause range variations. Single Gateway can support up to ten (10) NDE or LE wireless locks (if they are located within range).	**$859**

Schlage Scramble Keypads

The Schlage scramble keypad provides the highest security for PIN entry by combining a randomly generated key sequence with a very narrow viewing angle. The result is that an observer cannot see what numbers are being pressed because of the restricted viewing angle, and cannot infer the key values from the position, since the position is randomized between each user. The scramble keypad provides a Wiegand output that can be paired with any badge reader with D0/D1 outputs, or can be used on its own for PIN-only applications. It can also be used to select templates by PIN with biometric devices supported by OnGuard.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
Scramble Keypads		
SERIII-W	Scramble Keypad (Gray); The keypad is designed to prevent onlookers from detecting the code being entered. Each key is lighted by an LED with a different set of numbers every time the keypad is used. Weatherized for outdoor applications with a Wiegand output. This unit may be powered from the SRCNX Reader Controller boards via a reader interface. Power requirements: 8-14 VDC. Standard color is gray	**$1,716**
SERIII-WB	Scramble Keypad (Black); The keypad is designed to prevent onlookers from detecting the code being entered. Each key is lighted by an LED with a different set of numbers every time the keypad is used. Weatherized for outdoor applications with a Wiegand output. This unit may be powered from the SRCNX Reader Controller boards via a reader interface. Power requirements: 8-14 VDC. Color is Black.	**$2,229**
Scramble Keypad Surface Mount Kit		
SMK-2	Scramble Keypad Surface Mount Kit (Gray); Surface Mount Kit and tamper proof screws. Standard color is gray.	**$224**
SMK-2B	Scramble Keypad Surface Mount Kit (Black); Surface Mount Kit and tamper proof screws. Color is black.	**$224**
Scramble Keypads		
SPMK-2	Panel Mount Kit w/ Steel Back Box (Gray); Steel back box with tamper proof screws	**$196**
SPMK-2B	Panel Mount Kit w/ Steel Back Box (Black); Steel back box with tamper proof screws	**$196**

Schlage Recognition Systems Hand Geometry Readers

OnGuard offers a fully integrated template management hand geometry offering with Recognition Systems Inc. This option is only supported with the LNL-X2220 and LNL-1320-S3. The total number of enrollment readers and access readers are only limited by total system capacities.

Part #	Descriptions	Cost
OnGuard RSI Software Option		
SWG-1400	OnGuard RSI Hand Geometry Interface Global Software Option for OnGuard - for ID3D, Handkey CR and Handkey II Readers (LNL-500B required but has limited stock available).	**$4,305**
Hand Geometry Readers		
HK-CR	**HandKey F-Series** with memory for 512 users (HK-2-F3) - this reader requires an LNL-500B gateway. The total number of cardholder templates is controlled by the amount of memory on the LNL-2220 controller. **[DOES NOT INCLUDE POWER SUPPLY]**	**$2,169**
HK-CR-PROX	**Schlage HK-CR Reader with externally top mounted HID ProxPoint Prox Reader;** 26 bit Wiegand output format standard; pre-mounted from factory. [**DOES NOT INCLUDE POWER SUPPLY]**	**$2,450**
Enrollment Components [requies HK-CR + each component listed below & Power Supply]		
DS-200	Acrylic demo stand for F-Series readers	**$87.00**
S-CB-232-F3	RS-232 Cable to connect HK-CR to PC	**$32**
Power Supplies		
PS-110	Power supply for HK-CR and HK-2. 120VAC to 13.5 VDC with connector for **HK-CR ONLY**	**$54**
PS-220	Power supply for HK-CR and HK-2. 220VAC to 13.5 VDC with connector for **HK-CR ONLY**	**$65**
Expansion Options		
EM-801-F3	Memory Expansion - 9728 Users for original HK-CR, HK-2.	**$272**
EN-200	Ethernet Communication Module for HK-2, HK-CR	**$411**
HK-CR Reader Options		
	If you plan to encode the biometric template on the badge, you will need to select one of these two options. Any options below need to be ordered with HK-CR as they are pre-mounted from the factory.	

Assa Abloy Aperio Wireless Readers

ASSA ABLOY Aperio Wireless Readers are available in a variety of locking solutions. Aperio is a global wireless platform that allows you to increase security - quickly, easily and affordably. It uses local wirelss communication between an Aperio lock and hub to connect to an access control system, eliminating the greatest cost and inconvenience of traditional access control - the wiring at the door. Aperio has an AES 128-bit encryption, utilizes IEEE 802.15.4 wireless communication, offers real-time communication with the access control system and supports HID PROX and HID iCLASS based credentials.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
Lock License Bit		
SWG-1800-PL	Partner Access Device License for electronic locks **PURCHASED** through Lenel and attached to an OnGuard system [REQUIRED license for all Third Party Locks]	**No Charge**
SWG-1800-N-PL	Partner Access Device License for electronic locks **NOT PURCHASED** through Lenel and attached to an OnGuard system [REQUIRED license for all Third Party Locks]	**$130**

OnGuard 6.6 SP1 offers a new integration with stronger support of the Aperio line of products from Assa Abloy. This integration allows an Authentic Mercury based hub to be used downstream on the RS-485 bus from any of Lenel's current ISC's [LNL-3300 - LNL-2220 - LNL-2210]. This Authentic Mercury based hub is a 1:8 hub, meaning it can handle up to 8 Aperio locks per hub.

Aperio 1:8 Hub		
AA-AP-AH30RN1	**Aperio 1 to 8 Wireless lock hub using Authentic Mercury; RS-485 connection to ISC; capable of handling up to 8 wireless locks per hub**	**$382**
AA-AP-APA-10-PC	**ASSA ABLOY Aperio Programming Kit; includes USB Radio Dongle for programming; includes test card and memory stick [QTY of 1 each]**	**$600**

Aperio Wireless Locks Offered by Lenel

PR100 and IN100 Locks	**Ideal for institutional and commercial applications**
M100 eCylinder	**Ideal upgrade to existing mechanical door hardware**
R100	**ideal for glass door applications**
A100 keyless entry control	**ideal for aluminum and glass storefront doors**

Assa Abloy Intelligent IP-enabled Readers

ASSA ABLOY intelligent IP-enabled access control solutions take advantage of open standard network infrastructure to provide advanced security and easier, more cost-effective installations. Built on a proven ANSI/BHMA Grade 1 lock platform and available with full iCLASS® credential authentication, they ensure reliable communication, advanced management capabilities, and real-time alarm notification. Power over Ethernet (PoE) access control solutions are IEEE 802.3af compliant and utilize the existing Local Area Network (LAN) to deliver both power and data in a single Ethernet cable. WiFi-enabled solutions leverage an existing 802.11b/g wireless network, significantly reducing installation time and enabling access control in hard-to-wire locations.

NOTE: System ID Required Unless Purchasing New System.

Lenel currently can sell the following other Assa Abloy products which are integrated via the OAAP program. More informatiion can be found at the link below:

http://www.lenel.com/oaap/members#all/all/all/406-433

Corbin Russwin locks	**Sargent Locks**
Access 700 series PIP1 and PWI1 models	**Passport P1 and P2 models**
Access 800 series IP1 and WI1 models	**Profile v.S1 and v.S2 models**
IN120 series	**IN120 series**
Harmony Series Locks	**Harmony Series Locks**

Assa Abloy Aperio Wireless Readers (Cont'd)

You are able to purchase many Assa Abloy wireless lock product lines (i.e. K100, AS100, KS100, M100, R100, etc…). Please contact insidesales@lenel.com for help building a lock configuration and to obtain specific pricing.

NOTE: System ID Required Unless Purchasing New System.
ASSA ABLOY APERIO DEVICES

Part #	Descriptions	Cost
	ASSA ABLOY K100 Cabinet Locks - ideal for cabinets, lockers and drawers	
AA-AP-K100-622SE-B1	ASSA ABLOY Aperio K100 Cabinet lock; with HID iCLASS SE reader; black color; with round knob	**$550**
AA-AP-K100-622-IPS-BP	ASSA ABLOY Aperio K100 Cabinet lock; K100-622-IPS-BP APERIO V3 CABINET LOCK, PROX BLACK,THUMBTURN	**$625**
AA-AP-K100-622SE-W1	ASSA ABLOY Aperio K100 Cabinet lock; with HID iCLASS SE reader; white color; with round knob	**$550**
AA-AP-K100-622PA-W1	ASSA ABLOY Aperio K100 Cabinet lock; with HID 125 kHZ Prox reader; white color; with round knob	**$550**

ASSA ABLOY AS100 Wireless Door Position Sensor - [uses a reader license & 1 port on the 8 port

BEST ACCESS Wireless Readers

NOTE: System ID Required Unless Purchasing New System.

BEST WiQ Lock Series

The BEST Wi-Q wireless platform is a fast, intelligent and secure wireless access control solution. The product offering includes integrated locksets, single door controllers, and portal gateways. The integration to the OnGuard ecosystem affords end users the ability to interface with the BEST Wi-Q Hardware Platforms seamlessly from OnGuard. The OnGuard Communication Server talks directly to the BEST Wi-Q Portal Gateway allowing for minimal infrastructure for deployment. Licensing for the platform is done with a per reader license (SWG-WIQ-32 or SWG-WIQ-001-N) that is separate from the hardwired reader licenses. Product purchased from Lenel includes the license for the reader/lock (SWG-WIQ-001) as part of the purchase price.

BEST Offline Lock Series

BEST's Offline Lock Series delivers robust, efficient, integrated access control. The self-contained cylindrical, mortise, or exit trim locks are battery powered and can be virtually reconfigured, with access and time parameters set at the lock for higher security. Designed on a powerful platform allowing up to 5,000 users and/or events, the Offline Series offers maximum security and flexibility. Ideal for housing applications, storage locations or anywhere a customer is looking to get away from using keys, BEST Offline allows a solution to be implemented and controlled through OnGuard without the infrastructure of a hardwired or wireless access door. Licensing for the platform is done with a per reader license (SWG-BAS-V-N or SWG-BAS-G-N) that is separate from the hardwired reader licenses. Product purchased from Lenel includes the license for the reader (SWG-BAS-V or SWG-BAS-G) as part of the purchase price.

BEST IDH Max Lock Series

BEST's IDH Max Series combines access control components—separate readers, strikes, and other equipment—into one durable lockset with only one connector. In addition to a lower visual profile, integrating components in the IDH Max reduces installation time and increases security. Designed to function on interior or exterior doors, the IDH Max delivers convenient, versatile results in a wide range of applications. The BEST IDH Max features integrated request to exit, door position switch, locking hardware, card reader and a LNL-1300 all in a single locking platform. Licensing for the BEST IDH Max follows standard licensing scheme for hardwired doors.

BEST Shelter Series

BEST SHELTER is a responsive lockdown solution that can be configured to adapt to your building and security protocol—just the way you want. SHELTER combines code-compliant hardware and proven technology. Best of all, it was designed with input from people who have experienced live lockdown situations. This distinct perspective led to an innovative set of features and functionality, allowing you to custom-tailor how SHELTER responds in a lockdown event. Integration to the OnGuard platform is through the use of relay input and outputs from the SHELTER repeater to inputs and outputs on any OnGuard controller. Programming and configuration is done through Local or Global I/O.

Part #	Descriptions	Cost
Lock License Bit		
SWG-WIQ-001	Best Access WiQ Lock Integration License for one (1) lock PURCHASED through Lenel and attached to an OnGuard System. [REQUIRED one license per lock]	No Charge
SWG-WIQ-001-N	Best Access WiQ Lock Integration Licnese for one (1) lock NOT PURCHASED through Lenel and attached to an OnGuard System. [REQUIRED one license per lock]	$120
SWG-BAS-V	Partner Access Device License for electronic locks **PURCHASED** through Lenel and attached to an OnGuard system [REQUIRED license for all Third Party Locks]	No Charge
SWG-BAS-V-N	Best Access Series V Lock License for locks NOT PURCHASED through Lenel and attached to an OnGuard System. [REQUIRED one license per lock]	$130
SWG-BAS-G	Best Access Series G Lock License for locks PURCHASED through Lenel and attached to an OnGuard System. [REQUIRED one license per lock]	No Charge
SWG-BAS-G-N	Best Access Series G Lock License for locks NOT PURCHASED through Lenel and attached to an OnGuard System. [REQUIRED one license per lock]	$130

There are hundreds of combinations of BEST ACCESS locks available. Work with local BEST ACCESS/Dormakaba Sales Team for configuration assistance.

Idemia Morpho Identity Solutions Fingerprint Readers/Writer

SIGMA and Sigma Lite multiple factor solutions combine a fingerprint and smart card reader for access control. It uses standard contactless smart card technology and allows for Wiegand communication formats up to 64-bits of custom data. The readers can be installed on any wiegand reader port. Organizations with OnGuard systems that include keypads, barcode or proximity readers can now add the enhanced security offered by biometric technology without reissuing cards or replacing their existing infrastructure.

Please Note: MorphoAccess readers and devices work with the MorphoManager software (OAAP Partner) or can be used to expand legacy Bioscrypt template based systems, when used in legacy mode. SIGMA and MSO devices cannot be used to capture a legacy Bioscrypt template so a 3G/4G reader will still be required for enrollment.

NOTE: Models listed below as supporting OSDP can be used with ANSI/INCITS templates captures with OnGuard software option SWG-1407. In this case templates are stored on supported Lenel panels and no other Idemia Morpho or OnGuard software options are required. Consult your Lenel technical representative for details.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
OnGuard Bioscrypt Software Option (enables capture and configuration)		
SWG-1402	Bioscrypt Interface for Fingerprint authentication option	**$4,305**
MorphoAccess SIGMA Series (support OSDP Biometrics)		
SMA-BIO-WR	SIGMA Series - Outdoor/WR/IP65, Multi-factor Bio/PIN (3k users incl.), 1M logs storage capacity, PoE incl.	**$1,630**
SMA-PROX-WR	SIGMA Series - Outdoor/WR/IP65, Multi-factor Bio/Card/PIN/BioPIN (3k users incl.), HID Prox, 1M logs storage capacity, PoE incl.	**$1,721**
SMA-MULTI-WR	SIGMA Series - Outdoor/WR/IP65, Multi-factor Bio/Card/PIN/BioPIN (3k users incl.), 1M logs storage capacity, PoE incl.	**$1,721**
SMA-ICLASS-WR	SIGMA Series - Outdoor/WR/IP65, Multi-factor Bio/Card/PIN/BioPIN (3k users incl.), HID iClass, 1M logs storage capacity, PoE incl.	**$1,766**
MorphoAccess SIGMA Lite Series (Consult Lenel for OSDP Support)		
SMA-L-BIO	MA SIGMA Lite - Bio, Mono-factor Bio only, IP65, 500 users, CE	**$759**
SMA-L-PROX	MA SIGMA Lite - Prox, Multi-factor Bio/Card, HID Prox, 500 users, IP65, CE	**$946**
SMA-L-MULTI	MA SIGMA Lite - Multi, Multi-factor Bio/Card, MIFARE/MIFARE Plus/DESFIRE, 500 users, IP65, CE	**$946**
SMA-L-ICLASS	MA SIGMA Lite - iCLASS, Multi-factor Bio/Card, HID iCLASS, 500 users, IP65, CE	**$980**
MorphoAccess SIGMA Lite Plus Series with LCD (Consult Lenel for OSDP Support)		
SMA-LP-BIO	MA SIGMA Lite Plus - Bio, 2.8 inch QVGA touchscreen, Mono-factor Bio only, IP65, 500 users, CE	**$898**
SMA-LP-PROX	MA SIGMA Lite Plus - Prox, 2.8 inch QVGA touchscreen, Multi-factor Bio/Card, HID Prox, IP65, 500 users, CE	**$1,089**
SMA-LP-MULTI	MA SIGMA Lite Plus - Multi, 2.8 inch QVGA touchscreen, Multi-factor Bio/Card, MIFARE/MIFARE Plus/DESFIRE, IP65, 500 users, CE	**$1,089**
SMA-LP-ICLASS	MA SIGMA Lite Plus - iCLASS, 2.8 inch QVGA touchscreen, Multi-factor Bio/Card, HID iCLASS, IP65, 500 users, CE	**$1,112**

Idemia Morpho Identity Solutions Fingerprint Readers/Writer (Cont'd)

Part #	Descriptions	Cost
MorphoAccess SIGMA Extreme		
SMA-MULTI-EX	MorphoAccess SIGMA EXTREME MULTI: Fingerprint + Mifare/Desfire/NFC reader: IP65 & IK09 Ruggedized for harsh environments, Touchscreen, 1:5k Users expandable to 100k, FBI PIV IQS Sensor	**$2,179**
SMA-MULTI-EX-FFD	MorphoAccess SIGMA EXTREME MULTI: Fingerprint + Mifare/Desfire/NFC reader: IP65 & IK09 Ruggedized for harsh environments, Touchscreen, 1:5k Users expandable to 100k, FFD FBI PIV IQS Sensor	**$2,498**
SMA-ICLASS-EX	MorphoAccess SIGMA EXTREME iClass: Fingerprint + iClass reader: IP65 & IK09 Ruggedized for harsh environments, Touchscreen, 1:5k Users expandable to 100k, FBI PIV IQS Sensor	**$2,179**
SMA-ICLASS-EX-FFD	MorphoAccess SIGMA EXTREME iClass: Fingerprint + iClass reader: IP65 & IK09 Ruggedized for harsh environments, Touchscreen, 1:5k Users expandable to 100k, FFD FBI PIV IQS Sensor	**$2,498**
SMA-PROX-EX	MorphoAccess SIGMA EXTREME Prox: Fingerprint + Prox reader: IP65 & IK09 Ruggedized for harsh environments, Touchscreen, 1:5k Users expandable to 100k, FBI PIV IQS Sensor	**$2,179**
SMA-PROX-EX-FFD	MorphoAccess SIGMA EXTREME Prox: Fingerprint + Prox reader: IP65 & IK09 Ruggedized for harsh environments, Touchscreen, 1:5k Users expandable to 100k, FFDFBI PIV IQS Sensor	**$2,498**
MorphoWave Compact (Requires MorphoManager OAAP Integration)		
SMA-MWC-MD	MORPHOWAVE COMPACT MD FRICTIONLESS BIOMETRIC ACCESS SOLUTION WITH EMBEDDED MIFARE/DESFIRE READER. 4 FINGER TOUCHLESS ACQUISITION & MATCHING, 10K USERS:293722301	**$4,590**
SMA-MWC-MDPI	MORPHOWAVE COMPACT MDPI FRICTIONLESS BIOMETRIC ACCESS SOLUTION WITH EMBEDDED MIFARE,DESFIRE,PROX, ICLASS READER. 4 FINGER TOUCHLESS ACQUISITION & MATCHING, 10K USERS:293722319	**$4,590**
MorphoManager OAAP Partner Software		
SMA-MM-PRO	MorphoManager PRO Software, includes an Morpho Smark Optic 300 USB Desktop Enrollment Scanner. For enrollment, template management, terminal managment and reporting. More information on the use of this software package can be obtained from the Lenel OAAP Parnter product site.	**$889**

Iris ID (Formerly LG Electronics) Iris Recognition Products

Iris ID, Iris Technology Division is the leading producer of deployed iris recognition systems worldwide, Iris ID's **IrisAccess® 7000** is the most accurate biometric security system in the world - delivering high confidence authentication for a variety of security needs ranging from building access to border crossing applications.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
IrisAccess Software Interface for OnGuard Systems (Optional)		
SWG-IRIS	IrisAccess Software Interface option for OnGuard ES, ADV and PRO Solutions: Provides seamless iris enrollment and smartcard encoding in OnGuard Software.	**$4,305**
SWG-IRIS-ENT	IrisAccess Software Interface option for OnGuard ENT Solutions. Provides seamless iris enrollment and smartcard encoding in OnGuard Software.	**$6,030**

Important: SWG-IRIS or SWG-IRIS-ENT part is required only if the IRIS ID templates will be enrolled in OnGuard directly and then encoded to a smart card for verification. If using IRIS ID EAC software only for verification, encoding cards or for 1:N identification, then the interface to Lenel will be via Wiegand output only.

Part #	Descriptions	Cost
IrisAccess™ EAC Enrollment/Matching/Configuration Software Product		
IRIS-EAC-500	IrisAccess EAC Software for 500 users.	**$420.00**
IRIS-EAC-2500	IrisAccess EAC Software for 2500 users.	**$999.00**
IRIS-EAC-5000	IrisAccess EAC Software for 5000 users.	**$1,999.00**
IRIS-EAC-10K	IrisAccess EAC Software for 10,000 users.	**$2,999.00**
IRIS-EAC-30K	IrisAccess EAC Software for 30,000 users.	**$8,250.00**
IRIS-EAC-50K	IrisAccess EAC Software for 50,000 users.	**$15,200.00**
IRIS-EAC-100K	IrisAccess EAC Software for 100,000 users.	**$27,000.00**

Iris ID IrisAccess Dual Iris Recognition Cameras/Readers:

Without LCD

Part #	Descriptions	Cost
IRIS-iCAM7000S-B	DUAL IRIS RECOGNITION READER, FACE IMAGE CAPTURE, AUTOTILT, BLACK, TCP/IP enabled, embedded 5MP face camera with flash. *Note: Power Supply sold separately. See IRIS-iCAM7-PWR for pricing. Ethernet cable not included	**$2,199.00**
IRIS-iCAM7000S-T	DUAL IRIS RECOGNITION READER, FACE IMAGE CAPTURE, AUTOTILT, SILVER, TCP/IP enabled, embedded 5MP face camera with flash. *Note: Power Supply sold separately. See IRIS-iCAM7-PWR for pricing. Ethernet cable not included	**$2,199.00**
IRIS-iCAM7010S-H1B	DUAL IRIS RECOGNITION READER, FACE IMAGE CAPTURE, AUTOTILT, BLACK, WITH HID ICLASS SE READER, TCP/IP enabled, embedded 5MP face camera with flash. *Note: Power Supply sold separately. See IRIS-iCAM7-PWR for pricing. Ethernet cable not included	**$2,499.00**
IRIS-iCAM7010S-H1T	DUAL IRIS RECOGNITION READER, FACE IMAGE CAPTURE, AUTOTILT, SILVER, WITH HID ICLASS SE READER, TCP/IP enabled, embedded 5MP face camera with flash. *Note: Power Supply sold separately. See IRIS-iCAM7-PWR for pricing. Ethernet cable not included	**$2,499.00**

With built in LCD/Touchscreen in iCAM

Part #	Descriptions	Cost
IRIS-iCAM7101S-B	DUAL IRIS RECOGNITION READER, FACE IMAGE CAPTURE, AUTOTILT, BLACK, WITH LCD TOUCHSCREEN/KEYPAD *Note: Power Supply sold separately. See IRIS-iCAM7-PWR for pricing. Ethernet cable not included	**$2,599.00**
IRIS-iCAM7101S-T	DUAL IRIS RECOGNITION READER, FACE IMAGE CAPTURE, AUTOTILT, SILVER, WITH LCD TOUCHSCREEN/KEYPAD *Note: Power Supply sold separately. See IRIS-iCAM7-PWR for pricing. Ethernet cable not included	**$2,599.00**
IRIS-iCAM7111S-H1B	DUAL IRIS RECOGNITION READER, FACE IMAGE CAPTURE, AUTOTILT, BLACK, WITH HID ICLASS SE READER AND LCD TOUCHSCREEN/KEYPAD *Note: Power Supply sold separately. See IRIS-iCAM7-PWR for pricing. Ethernet cable not included	**$2,899.00**
IRIS-iCAM7111S-H1T	DUAL IRIS RECOGNITION READER, FACE IMAGE CAPTURE, AUTOTILT, SILVER, WITH HID ICLASS SE READER AND LCD TOUCHSCREEN/KEYPAD *Note: Power Supply sold separately. See IRIS-iCAM7-PWR for pricing. Ethernet cable not included	**$2,899.00**

Iris ID (Formerly LG Electronics) Iris Recognition Products (Cont'd)

Part #	Descriptions	Cost
Accessories		
IRIS-iCAM7-RM	Recess Mount for iCAM7000 series	**$85.00**
IRIS-iCAM7-RMT	OPTIONAL RECESS MOUNT FOR iCAM7 / SILVER (BACK PLATES INCLUDED FOR SURFACE MOUNT.)	**$85.00**
IRIS-iCAM7-PWR	Power Supply for iCAM7000 series	**$60.00**
IRIS-iCAM7-ST	Enrollment Stand for iCAM7000 series	**$85.00**

IrisID Extended Warranty Pricing One/Two Year (At the time of hardware purchase)

Important: SWG-LG or SWG-LGENT part is only required for each system or enterprise region in which Iris ID templates will be captured. EXTSW1-500, EXTSW1-2500, EXTSW1-5000, Extended Warranty per IrisAccess Software (500 users to 5000 users): Included with extended warranties for iCAM 7 series hardware.

Hardware		
IRIS-EXTHC-1Y	One Year Extended Warranty per iCAM4000/7000 Series Camera	**$232.00**
IRIS-EXTHC-2Y	Two Year Extended Warranty per iCAM 4000/7000 Series Camera	**$348.00**
IRIS-EXTSW-1Y-10K	One Year Extended Warranty per Iris Access Software (10K users)	**$232.00**
IRIS-EXTSW-2Y-10K	Two Year Extended Warranty per Iris Access Software (10K users)	**$348.00**
IRIS-EXTSW-1Y-30K	One Year Extended Warranty per Iris Access Software (30K users)	**$650.00**
IRIS-EXTSW-2Y-30K	Two Year Extended Warranty per Iris Access Software (30K users)	**$974.00**
IRIS-EXTSW-1Y-50K	One Year Extended Warranty per Iris Access Software (50K users)	**$1,200.00**
IRIS-EXTSW-2Y-50K	Two Year Extended Warranty per Iris Access Software (50K users)	**$1,800.00**
IRIS-EXTSW-1Y-100K	One Year Extended Warranty per Iris Access Software (100K users)	**$2,160.00**
IRIS-EXTSW-2Y-100K	Two Year Extended Warranty per Iris Access Software (100K users)	**$3,240.00**

Desktop Smart Card Readers

NOTE: System ID Required Unless Purchasing New System.

<u>Part #</u>	<u>Descriptions</u>	<u>Cost</u>

OpenCapture Desktop Fingerprint Readers

Sagem Morpho high resolution optical fingerprint capture devices. These units require OnGuard license SWG-1407 and allow you to capture the 500 ppi image of 1-10 fingerprints, Sagem template(s) and standard ANSI 378 template(s). The fingerprints can then be used by HID bioCLASS (Fingerprint on Card), DESFire TWIC 1.02 (Fingerprint on Card) and raw bmp sent to a third party background check system (Requires DataExchange or DataConduIT).

Part #	Description	Cost
SMA-MSO300	MorphoSmart 500 ppi Optical Fingerprint sensor (Metal Housing, USB)	**$513**
SMA-MSO301	MSO-300 with Fake Finger detection	**$946**
SMA-MSO350PIV	MSO-300 with contact smart card reader and FBI certified sensor	**$752**
SMA-MSO351	MSO-300 with Fake Finger detection and contact smart card reader	**$1,037**
SM-PS-BUILD	PreScan Ridge Builder film (1.5" x 2") Increases the quality of the capture on the Morpho Smart sensors, recommended for each Morpho Smart sensor	**$53**

Image Capture Options

Part #	Description	Cost
CAM-24C708AF-USB	Camera only 5MP USB 2.0 with synchronized flash and auto focus, UVC Compliant, includes power supply and 6 ft USB cable; Twain Data Source and camera control / set-up software.	**$1,388**
CAM-24C708AF-SYS	Camera with Stand, 5MP USB 2.0 with synchronized flash and auto focus, UVC Compliant mounted on fixed stand (CAM-60S0004), includes power supply and 6 ft USB cable; Twain Data Source and camera control / set-up software.	**$1,075**
CAM-60S0004	Camera Stand, 20.6" x 5.2", Flexible goodeneck arm for use with the CAM-24C708AF-USB	**$240**
CAM-60TP0001	Compact Industrial Grade Tripod table top camera stand for use with the CAM-24C708AF-USB	**$113**
EHK-K42U-A	**Professional Continuous Lighting Kit –** includes two 600-watt quartz lights, two bounce back white umbrellas, two stands, mounting brackets and carrying case (110VAC)	**$742**

Signature Capture Kits

Part #	Description	Cost
INTUOS-PRO-SMALL	**USB Signature Capture Kit** - Intuos Pro Small [PTH-451] - USB or Wireless Connectivity - 12.6 x 8.2 x 0.5 in - active area of 6.2 x 3.9 in - includes wireless connectivity battery - pro pen - USB capable - installation software - USB wireless stick to communicate with tablet	**$365**

Card Scanning Solutions

LENEL HAS CERTIFIED THE USE OF THE CSS-1000-B PASSPORT/DRIVER'S LICENSE SCANNER FOR USE WITH ONGUARD 6.5 HOT FIX 1 AND ONGUARD 6.6 SERVICE PACK 1 OR LATER

Part #	Description	Cost
SWG-1476	OnGuard CSSN Scanner Option. For support of CSS-800 and 1000 series and SNAPSHELL scanners. One license is required per scanner.	**$520**
CSS-SS800DX	ScanShell 800DX A6 OCR Duplex Scanner - Driver's License, Medical Insurance Card and 2D Barcode scanner; **(requires one SWG-1476 license per scanner)**	**$459**
CSS-SSPASSPORT-P4	SnapShell Passport P4 Scanner for OnGuard. Very limited availability. Lead time 4-8 weeks (requires one SWG-1476 license per scanner).	**$955**
CSS-EXTWAR	Annual Extended Hardware Warranty this includes one additional year of hardware warranty.	**$70**

Fargo Direct Card Printers

All printers come with printer cables. These printers are recommended for low, mid and high volume printing applications and are ideal for print server type environments. Encoders for iClass, MIFARE and/or DESFIRE need to be purchased separately.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
Badging Software		
FRGO-86414	**Asure ID 7 Exchange** - For organizations looking for intuitive card design, data management and advanced card personalization. Smart card management and maximum flexibility with external data.	**$2,850**
Single Sided Models		
FRGO-89600	HDP5000 Single-Side Base Model Printer, 300 DPI resolution, USB Cable and Power cord included, three year printer warranty [including On-Call Express in the US for the first year] and lifetime warranty on the printhead.	**$3,995**
FRGO-89620	HDP5000 Single-Side Base Model Printer with Single-Side Lamination; 300 DPI resolution; USB Cable and Power cord included; three year printer warranty [including On-Call Express in the US for the first year] and lifetime warranty on the printhead	**$6,495**
Dual Sided Models		
FRGO-89640	HDP5000 Dual-Side Base Model Printer, 300 DPI resolution, USB Cable and Power cord included, three year printer warranty [including On-Call Express in the US for the first year] and lifetime warranty on the printhead.	**$4,995**
FRGO-89660	HDP5000 Dual-Side Base Model Printer with Single-Side Lamination; 300 DPI resolution; USB Cable and Power cord included; three year printer warranty [including On-Call Express in the US for the first year] and lifetime warranty on the printhead	**$7,495**
FRGO-89680	HDP5000 Dual-Side Base Model Printer with Dual-Side Lamination, 300 DPI resolution, USB Cable and Power cord included, three year printer warranty [including On-Call Express in the US for the first year], and lifetime warranty on the printhead.	**$8,495**
Single Sided with Mag Encoding		
FRGO-89601	HDP5000 Single-Side Base Model Printer with ISO Magnetic Stripe Encoder [mag model FRGO-89201]; 2013 model; 300 DPI resolution; USB Cable and Power cord included; three year printer warranty [including On-Call Express in the US for the first year] and lifetime warranty on the printhead	**$4,594**
FRGO-89621	HDP5000 Single-Side Base Model Printer with Single-Side Lamination and with ISO Magnetic Stripe Encoder [mag model FRGO-89201]; 2013 model; 300 DPI resolution; USB Cable and Power cord included; three year printer warranty [including On-Call Express in the US for the first year] and lifetime warranty on the printhead	**$7,094**
Dual Sided with Mag Encoding		
FRGO-89661	HDP5000 Dual-Side Base Model Printer with Single-Side Lamination and with ISO Magnetic Stripe Encoder [mag model FRGO-89201]; 2013 model; 300 DPI resolution; USB Cable and Power cord included; three year printer warranty [including On-Call Express in the US for the first year] and lifetime warranty on the printhead	**$8,094**
FRGO-89681	HDP5000 Dual-Side Base Model Printer with Dual-Side Lamination and with ISO Magnetic Stripe Encoder [mag model FRGO-89201]; 2013 model; 300 DPI resolution; USB Cable and Power cord included; three year printer warranty [including On-Call Express in the US for the first year] and lifetime warranty on the printhead	**$9,094**

Fargo Direct Card Printers

Part #	Descriptions	Cost

Printer Encoding Options

All HID encoders (Inline & Desktop) need to be purchased separately from Fargo printers. The OEM150 iClass encoder has been moved to EOL and can no longer be purchased.

Part #	Descriptions	Cost
089277-LENEL	Inline encoder for HDP5XXX printers. Requires OnGuard 7.4 for most applications. Supports encoding of iCLASS classic and DESFire only. Supports reading of smart card serial number only (no prox support, no smart card badge ID reading).	**$999**
047434-LENEL	Inline encoder for DTC4500e printers. Requires OnGuard 7.4 for most applications.Supports encoding of iCLASS classic and DESFire only. Supports reading of smart card serial number only (no prox support, no smart card badge ID reading).	**$799**
CP1000D-LENEL	Special Lenel CP1000D Desktop encoder for iCLASS and DESFire only	**$2,000**

Fargo HDP5000 Printer Ribbons

Part #	Descriptions	Cost
FRGO-82600	Polyguard 0.6 mil Overlaminate Clear 250 count (for use with HDP5000 cartridge 1-2)	**$74**
FRGO-82601	Polyguard 1.0 mil Overlaminate Clear 250 count (for use with HDP5000 cartridge 1-2)	**$74**
FRGO-82604	Polyguard 1.0 mil Overlaminate High Secure Orbit Design Universal orientation 250 count (for use with HDP5000 cartridge 1-2)	**$137**
FRGO-82615	Thermal Transfer Overlaminate Clear 500 count (for use with HDP5000 cartridge 1-2)	**$58**
FRGO-84051	HDP5000 YMCK: Full-color ribbon with resin black panel [500 prints per roll]	**$209**
FRGO-84052	HDP5000 YMCKK: Full-color ribbon with two resin black panels [500 prints per roll]	**$250**
FRGO-84053	HDP5000 HDP Film [1,500 prints per roll]	**$130**
FRGO-84056	HDP5000 YMCKH: Full-color ribbon with resin black and Heat Seal panel [500 prints per roll]	**$285**

Fargo HDP5000 Printer Accessories

Part #	Descriptions	Cost
FRGO-88935	HDP5000 Single-Side Lamination Module	**$2,500**
FRGO-88936	HDP5000 Double-Side Lamination Module	**$3,500**
FRGO-89001	HDP5000 Dual-Sided Printing Module	**$1,000**
FRGO-89201	HDP5000 ISO Magnetic Stripe Encoder, Tracks 1-3	**$599**
FRGO-89200	HDP 5000 Cleaning Kit - includes 4 Printhead Cleaning Swabs; 10 Cleaning Cards; 10 Cleaning Pads and 3 Alcohol Cleaning Cards	**$40**

Ultra Magicard Printers

All printers come with printer cables. These printers are recommended for low, mid and high volume printing applications and are ideal for print server type environments. Encoders for iClass, MIFARE and/or DESFIRE need to be purchased separately.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
Rio Pro Printer		
Rio Pro Supplies		
MC-MA300YMCKO	Rio Pro YMCKO Dye Film [300 prints per roll]	**$111.00**
MC-MA250YMCKOK	Rio Pro YMCKOK Dye Film [250 prints per roll]	**$130.00**
MC-MA600KO	Rio Pro Black Resin with Overcoat [600 prints per roll]	**$80.00**
MC-MA1000K-BLK	Rio Pro Black Resin Film [1000 prints per roll]	**$20.00**
MC-3633-0053	Rio Pro Cleaning Kit [includes 10 cards and 1 pen]	**$29.00**
MC-3633-0054	Rio Pro Cleaning Roller Kit [includes 5 sleeves and 1 bar]	**$19.00**
Prima Printers		
	Contact your Lenel representative for latest support, models and pricing for Magicard Prima series printers.	
Prima 4 Supplies		
MC-PRIMA431	Prima 4 YMCK Dye Film & Retransfer Film Set [1000 prints per roll]	**$495.00**
MC-PRIMA433	Prima 4 YMCKK Dye Film [750 prints per roll double sided]	**$445.00**
MC-PRIMA434	Prima 4 YMCK-UV Dye Film - with UV panel [750 prints per roll]	**$445.00**
MC-PRIMA435	Prima 4 YMCKO-PO Dye Film - with Peel-off panel [750 prints per roll]	**$495.00**
MC-PRIMA436	Prima 4 Re-Transfer film [1000 prints per roll]	**$95.00**
MC-PRIMA451	Prima 4 Inline Laminator - Single-sided. 3 year UltraCoverPlus unlimited warranty	**$2,995.00**
MC-PRIMA452	Prima 4 Inline Laminator - Double-sided. 3 year UltraCoverPlus unlimited warranty	**$3,995.00**
MC-PRIMA461	Prima 4 Holographic Overlay Film with Generic "Snowflake" design [1000 Overlays per roll]	**$450.00**
MC-PRIMA462	Prima 4 Clear Patch Laminate .6mil [600 patches per roll]	**$195.00**
MC-PRIMA463	Prima 4 Clear Patch Laminate .6mil with chip cutout [600 patches per roll]	**$245.00**
MC-PRIMA464	Prima 4 Clear Patch Laminate 1 mil [600 patches per roll]	**$195.00**
MC-PRIMA465	Prima 4 Clear Patch Laminate 1 mil with chip cutout [600 patches per roll with chip cutout]	**$245.00**
MC-PRIMA491	Prima 4 Cleaning Kit (For use with all Prima printers)	**$65.00**

Nisca Direct Card Printers

All printers come with printer cables. These printers are recommended for low, mid and high volume printing applications and are ideal for print server type environments.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
NIS-PRC151	PR-C151 High Speed Smart Card Printer - 300dpi Dual-Sided Printer - Edge-to-Edge, 32MB Memory, Self aligning print head module, Dual-sided printing, Dual-sided lamination w/ optional Heat Roller, Magnetic Stripe 3-Track encoding, Password authentication, Downloadable firmware, Card standards: PVC, CR-80 & 79, 20 to 50mil thickness. **(Includes 2 Year Printer and Print Head Warranty and 1 Year HOTSWAP)**	**$3,695**
NIS-L201	Laminator for PR-C201 - Single & Double sided lamination, 1 Mil hardcoat, Thinfilm softcoat, Field Upgradeable, 1 Year Laminator Warranty on L201 Laminator	**$2,295**

Heat Rollers for Nisca Printers

Part #	Descriptions	Cost
NIS-PRL151D	Thinfilm softcoat / overlay laminator/heat roller unit for PR53xx & PR-C151 Printers – provides additional registered security holographic over-lamination for either front, back or front and back printing. Adds an additional 20 seconds per side. 120VAC.	**$2,095**
NIS-PRL151A	1mil hardcoat / chip / patch laminator/heat roller unit for PR53xx & PR-C151 Printers – provides additional registered security holographic over-lamination for either front, back or front and back printing. Adds an additional 20 seconds per side, 120VAC.	**$2,095**

Nisca Printer Supplies (Printer Ribbons and Parts] for PR5350 and PRC151

Part #	Descriptions	Cost
NIS-NGYMCKO3	Ribbon NGYMCKO3/3BP for PR5350/PR3560LE/PR53LE/PRC151 printers [250/roll]	**$139**
NIS-YMCKOK2	Nisca ribbon NGYMCKOK2 for PR5100, PR5200, PR5300, PR5310, PR5350 and PRC151 printers [210 prints/roll]	**$154**
NIS-YMCFK	Nisca ribbon NGYMCFK for PR5300,PR5310,PR5360LE,PR5350& PRC151 printers [250 prints/roll]	**$149**
NIS-CLKIT-53	Nisca Cleaningkit53 for P53xx and PRC151 printers. Includes supplies for 1,250 prints, 5 sticky cards, 5 snap sticks and a cleaning pen [Requires Printer firmware 4.3 or higher]	**$79**
NIS-PR5500K569	Nisca Cleaning Input Rollers PR5500K569 for PR53xx [change every 10K cards]	**$185**
NIS-PR5350HED	Nisca replacement print head for 5350 [change every 20K cards]	**$1,329**
NIS-NSC-CVR	Nisca DC-NI-53 Dust cover for PR53xx and PRC151 printers	**$69**
NIS-SNAPSWAB	SnapSwab Cleaners, 25 per package [all Nisca printers]	**$31**

Nisca Printer Supplies [Printer Ribbons and Parts] for PR-C101

Part #	Descriptions	Cost
NIS-NGYMCKOPRC	Nisca Ribbon NGYMCKOPRC cartridge & cleaning rollers for the PRC-101 printer [250/roll]	**$139**
NIS-CLKIT-C101	Nisca Cleaning Kit PR5500K574KIT for PRC101 & PRC201: 5 Low-Tack cards-5000 prints	**$39.00**
NIS-CVR-C101	Nisca DC-NI-101 Dust cover for PR-C101 printers	**$69**

Nisca Printer Supplies [Printer Ribbons and Parts] for PRC201

Part #	Descriptions	Cost
NIS-NGYMCK	NiSCA YMCK Ribbon - PR-C201 Retransfer Printer	**$190**
NIS-NGYMCKK	NiSCA YMCKK Ribbon - PR-C201 Retransfer Printer	**$210**
NIS-BK	NiSCA BK Blck Only Ribbon - PR-C201 Retransfer Printer	**$125**
NIS-NGYMCKH	NiSCA YMCKH Heat Seal Ribbon - PR-C201 Retransfer Printer	**$265**
NIS-REXFERFLM	NiSCA Retransfer Film - PR-C201 Retransfer Printer Only	**$95**

Nisca Generic Overlaminates

Part #	Descriptions	Cost
NIS-G2THIN	NiscaGenuine2 - Generic NiscaGenuineV2 - Thinfilm [softcoat / overlay][450/roll]	**$109**
NIS-GSTHIN	NiscaSecureID-TF - Generic Secure ID - Thinfilm / Overlay [softcoat/overlay][450/roll]	**$99**
NIS-CLEAR-TF	NiSCAClear-TF - Clear Thinfilm / Overlay [softcoat/overlay][450 printers/roll]	**$89.00**
NIS-CLEARPRC201	Clear 1mil Patch for PRC201/L201	**$99**
NIS-SECUREIDPRC201	Generic Secure ID - 1mil Holopatch* for PRC201 Printer/L201 Laminator	**$109**

Hot Swap Agreement USA Only

Part #	Descriptions	Cost
NIS-53xxHS2	PRINTER HOT SWAP Warranty –Year 2 USA Only	**$699**
NIS-5302HS1	LAMINATOR HOT SWAP/ Heat roller Unit 1st year USA Only	**$1,329**

Zebra Direct & Retransfer Card Printers

All printers come with printer cables. These printers are recommended for low, mid and high volume printing applications and are ideal for print server type environments. Encoders for iClass, MIFARE and/or DESFIRE need to be purchased separately.

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
Zebra Single Sided Printers		
ZC35-000C000US00	Zebra ZC350 single sided printer with USB and Ethernet	$2,295
Z71-000C0000US00	Zebra ZXP Series 7 Single-Sided Card Printer; USB and Ethernet Connectivity; US Power Cord	$3,295
Z91-000C0000US00	ZEBRA ZXP SERIES 9 RETRANSFER SINGLE-SIDED CARD PRINTER, USB AND ETHERNET CONNECTIVITY, US POWER CORD	$4,175
Zebra Dual Sided Printers		
ZC36-000C000US00	Zebra ZC350 dual sided printer with USB and Ethernet	$2,895
Z72-000C0000US00	Zebra ZXP Series 7 Dual-Sided Card Printer; USB and Ethernet Connectivity; US Power Cord	$3,995
Z73-000C0000US00	Zebra ZXP Series 7 Dual-Sided Card Printer and Single-Sided Laminator; USB and Ethernet Connectivity; US Power Cord	$6,495
Z74-000C0000US00	Zebra ZXP Series 7 Dual-Sided Card Printer and Dual-Sided Laminator; USB and Ethernet Connectivity; US Power Cord	$7,495
Z92-000C0000US00	Zebra ZXP Series 9 Retransfer Dual-Sided Card Printer, USB and Ethernet Connectivity, US Power Cord	$5,220
Zebra Single Sided Printers with Mag Encoders		
ZC35-0M0C000US00	ZC350 single sided printer with USB and Ethernet and magnetic stripe encoder; US Power Cord	$2,695
Z71-0M0C0000US00	Zebra ZXP Series 7 Single-Sided Card Printer; Magnetic Encoder; USB and Ethernet Connectivity; US Power Cord	$3,795
Z91-0M0C0000US00	ZEBRA ZXP SERIES 9 RETRANSFER SINGLE-SIDED CARD PRINTER, MAGNETIC ENCODER, USB AND ETHERNET CONNECTIVITY, US POWER CORD	$4,675
Zebra Dual Sided Printers with Mag Encoders		
ZC36-0M0C000US00	Zebra ZC350, dual sided, USB & Ethernet, ISO HiCo/LoCo magnetic encoder s/w selectable, US Power cord	$3,328
Z72-0M0C0000US00	Zebra ZXP Series 7 Dual-Sided Card Printer; Magnetic Encoder; USB and Ethernet	$4,495
Z74-0M0C0000US00	Zebra ZXP Series 7 Dual-Sided Card Printer and Dual-Sided Laminator; Magnetic Encoder;	$7,995
Z92-0M0C0000US00	Zebra ZXP Series 9 Retransfer Dual-Sided Card Printer, Magnetic Encoder, USB and Ethernet	$5,720
ZC Series Printer Ribbons & Accessories		
105999-310	CLEANING CARD KIT, ZC100/300, 2000 PRINTED CARDS	$15.00
105999-311	CLEANING CARD KIT, ZC100/300, 5000 PRINTED CARDS	$26.50
800300-301	RIBBON, MONO -BLACK, 2000 IMAGES, ZC300/350	$35.00
800300-302	RIBBON, MONO -RED, 1500 IMAGES, ZC100/300/350	$55.00
800300-303	RIBBON, MONO -BLACK, 1500 IMAGES, ZC100/300/350	$33.00
800300-304	RIBBON, MONO -BLUE, 1500 IMAGES, ZC100/300/350	$55.00
800300-306	RIBBON, MONO -METALLIC GOLD, 1500 IMAGES, ZC100/300/350	$125.00
800300-307	RIBBON, MONO -METALLIC SILVER, 1500 IMAGES, ZC100/300/350	$125.00
800350-264	RIBBON, COLOR-SDYMCKO, 200 IMAGES, ZC350	$85.00
800350-301	RIBBON, MONO -BLACK, 2000 IMAGES, ZC350	$35.00
800350-320	ZC-350 RIBBON COLOR-KDO, 700 IMAGES, ZC350	$120.00
800350-321	ZC-350 RIBBON COLOR-KRO, 700 IMAGES, ZC350	$120.00

Zebra Direct & Retransfer Card Printers (Cont'd)
NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
800350-350	RIBBON, COLOR-YMCKO, 200 IMAGES, ZC350	$70.00
800350-360	RIBBON, COLOR-YMCKOK, 200 IMAGES, ZC350	$95.00
800350-550	ZC-350 RIBBON, COLOR-YMCKO, 300 IMAGES, ZC350	$100.00
800350-562	RIBBON, COLOR-YMCPKO, 200 IMAGES, ZC350	$85.00
800350-563	RIBBON, COLOR-YMCKLL, 200 IMAGES, ZC350	$85.00
P1094879-010	ZC-350 UPGRADE KITS, DUAL SIDED	$600.00
P1094879-012	ZC-350 UPGRADE KITS, PRINTER LOCK	$200.00

ZXP Series 1 Printer Ribbons & Accessories

Part #	Descriptions	Cost
ZXP1-800011-140	Zebra Load-N-Go color ribbon for ZXP Series 1 YMCKO	$45.00
ZXP1-800011-101	Zebra Load-N-Go monochrome ribbon for ZXP Series 1 Black	$30.00
ZXP1-105999-101	Zebra ZXP Series 1, Cleaning Kit, 4 print engine cleaning cards and 4 feeder cleaning cards (1000 prints/card)	$35.00

ZXP Series 3 Printer Ribbons & Accessories

Part #	Descriptions	Cost
ZXP3-800033-840	ZXP Series 3 - ix Series color ribbon YMCKO [200 prints per roll]	$68.25
ZXP3-800033-850	ZXP Series 3 - ix Series color ribbon KdO [500 prints per roll]	$80.00
ZXP3-800033-860	ZXP Series 3 - ix Series color ribbon KrO [500 prints per roll]	$95.00
ZXP3-800033-801	ZXP Series 3- ix Series monochrome ribbon Black [1000 prints per roll]	$22.00
ZXP-105999-302	ZXP Series 3 - Cleaning Kit; includes 4 print engine cleaning cards and 4 feeder cleaning cards [enough for 4,000 prints]	$35.00

ZXP Series 7 Printer Ribbons & Accessories

Part #	Descriptions	Cost
ZXP7-800085-914	ZXP Series 7 - 1 mil Laminate for ZXP Series 7; Top; Full Clear; 750 prints per roll	$115.00
ZXP7-800085-918	ZXP Series 7 - 1 mil Laminate for ZXP Series 7; Bottom; Full Clear; 750 prints per roll	$115.00
ZXP7-800085-913	ZXP Series 7 - 1 mil Laminate for ZXP Series 7; Top; Smart Card; 750 prints per roll	$145.00
ZXP7-800085-912	ZXP Series 7 - 1 mil Laminate for ZXP Series 7; Bottom; Mag Stripe; 750 prints per roll	$140.00
ZXP7-800077-740	ZXP Series 7 - ix Series color ribbon for ZXP Series 7 YMCKO; 250 prints per roll	$90.00
ZXP7-800077-742	ZXP Series 7 - ix Series color ribbon for ZXP Series 7 YMCKO; 750 prints per roll	$240.00
ZXP7-800077-748	ZXP Series 7 - ix Series color ribbon for ZXP Series 7 YMCKOK; 250 prints per roll	$130.00
ZXP7-800077-749	ZXP Series 7 - ix Series color ribbon for ZXP Series 7 YMCKOK; 750 prints per roll	$330.00
ZXP7-800077-770	ZXP Series 7 - ix Series color ribbon for ZXP Series 7 YMCUvK; 750 prints per roll	$375.00
ZXP7-800077-701	ZXP Series 7 - ix Series monochrome ribbon for ZXP Series 7 Back; 2500 prints per roll	$40.00
ZXP7-105999-704	Zebra ZXP Series 7 Print Station and Laminator Cleaning Kit (Includes 12 feeder; print path and laminator cleaning cards; 12 cleaning swabs; and 3 adhesive cleaning cards for 60;000 prints)	$195.00
ZXP7-105999-701	Zebra ZXP Series 7 Print Station Cleaning Kit (Includes 12 feeder and print path cleaning cards for 60;000 prints)	$125.00

ZXP Series 8 Printer Ribbons & Accessories

Part #	Descriptions	Cost
ZXP8-800012-445	ZXP Series 8 - i Series color ribbon YMCK [625 prints per roll]	$240.00
ZXP8-800012-480	ZXP Series 8 - i Series color ribbon YMCKK [500 prints per roll]	$230.00
ZXP8-800012-543	ZXP Series 8 - i Series color ribbon YMCUvK [500 prints per roll]	$270.00
ZXP8-800012-901	ZXP Series 8 - i Series monochrome ribbon Black [2500 prints per roll]	$150.00
ZXP8-800012-601	ZXP Series 8- i Series Clear Transfer Film [1250 prints per roll single sided & 625 prints per roll dual sided]	$125.00
ZXP-105999-801	ZXP Series 8 - Cleaning Kit; includes 12 X & Y roller cleaning cards and 3 Hot roller cleaning cards [enough for 60,000 prints]	$74.00

Direct Card Printer Badging Accessories

NOTE: System ID Required Unless Purchasing New System.

Part #	Descriptions	Cost
PVC Cards		
ISO-PVC	VPVC Credit card size (minimum order of 500 cards), 0.030 thick, Laminated construction, Die-cut, rounded corners, polished both sides, polywrapped in qty's of 100	**$0.23**
ISO-PVCM	VPVC Credit card size (minimum order of 500 cards), 0.030 thick, Laminated construction, Die-cut, rounded corners, polished both sides with 1/2" 2750 HICO Mag Stripe, polywrapped in qty's of 100	**$0.35**
ISO-CUS	Custom Pre-Printing Available on Request	**Call For Quote**
Sticky Back PVC Cards		
ISO-PVCST	VPVC Credit card size (500 Qty.), 0.030 thick, Laminated construction, Die-cut, rounded corners, polished both sides, polywrapped in qty's of 100	**$0.60**
Badge Clips, Lanyards, and retractable holders **(Other colors and custom printing are available, minimum order quantity for custom option's is 500 units per order, call Inside Sales for quote)**		
ID-CLIP	Badge Clip, Clear Vinyl (100 units)	**$38.46**
ID-CHAIN	Neck Chain, 36", Nickel Plated (100 units)	**$62**
ID-MBHP	Magnetic Badge Holder, Portrait, CC, Black (100 units)	**$169**
ID-MBHL	Magnetic Badge Holder, Landscape, CC, Black (100 units)	**$169**
ID-LANYARD	Lanyard, Breakaway, Black* (100 units)	**$92**
ID-RETRACT	Retractable Badge Clip, Black* (100 units)	**$462**
Slot Punch Devices		
ID-SPHH	Slot Punch, Hand Held, Heavy Duty	**$154**
ID-SPTT	Slot Punch, Table Top, Heavy Duty	**$769**
Visitor Pass Printer **(All approved for use; direct card printers are supported)**		
EV-G06337	**DYMO label writer 450 TURBO USB printer** – Black and white, 300 DPI, support for XP USB and prints 71 labels per minute, with auto switching power supply	**$215**
Labels		
EV-30256	Peel and stick labels – 2 5/16" x 4" labels, 300 per roll	**$35.38**

Chapter 4: Video Products (Hardware & Software)

OnGuard VideoManager™

OnGuard VideoManager is able to seamlessly integrate with other modules of the OnGuard Total Security Knowledge Management Solutions Portfolio or can be deployed as a non-integrated digital video solution.

The OnGuard VideoManager solution is optimized when seamlessly integrated with the OnGuard Access Control and Alarm Monitoring solutions so that real-time linkages of video to alarms occur without operator intervention. The full suite of Video Analytics is available for forensic use on recorded video with no additional configuration fees. Integration of video to alarms provides for instant recall, and for real time video to be viewed at a single workstation. OnGuard VideoManager is an available option for all OnGuard system solutions.

OnGuard VideoManager video recording components are available for analog video input (BNC connectors) or network video input (IP Cameras/Encoders) solutions. Analog video input solutions are offered in turnkey solutions utilizing Lenel Hybrid Video Recorders (HVR). Network video input solutions are offered in both turnkey solutions as well as software based solutions utilizing Lenel Network Video Recorders (LNVR).

The OnGuard VideoManager recording components analog and IP video input solution is available in three chassis, DVC-ST, DVC-SX and DVC-HD. See the Lenel Video Recorder Options page for more details.

The OnGuard VideoManager IP-source recording solutions are available on the DVC-SX and DVC-HD chassis. See the Lenel Video Recorder Options page for more details.

All chassis come with a 3-year hardware warranty from date of shipment.

NOTE: All OnGuard VideoManager orders must be configured using the Lenel VideoManager Storage Calculator. NOTE: When ordering any/all Video products, OnGuard System ID is required unless purchasing

OnGuard VideoManager™ Software

Please NOTE: When Ordering any/all Video Products, OnGuard System ID is required

Part #	Descriptions	Cost
	Video Security Server Options	
	Software Only	
SWG-DV	**OnGuard Digital Video Enabler.** This option should be included if you already have purchased an OnGuard Access Control system and wish to turn on digital video. This license activates the digital video tab to show up in OnGuard so you can use IP - Analog or hybrid recorders and cameras in OnGuard. Also increments SWC-DVxxx license by one giving you one client of Digital Video included.	**$667**
SWS-DV	**OnGuard Video Security Server Software License on CD** – include this part number if you want stand-alone video system. Includes OnGuard digital video server software license, system administration for video, communication server for video, alarm monitoring for video, a single OnGuard digital video client license, flexnet softkey and first year support plan SUSP-W-VO. (USE PC-CONFIG#3 Platform)	**$667**
SWS-LAS	**Lenel Archive Server License** – One archive server license is required per storage library or storage server vault configuration. (When using tape libraries you must have a three internal hard drives)	**$8,620**
	Video Clients Options	
SWC-DV	**OnGuard Video Client Software License** – includes a single digital video client software for any client workstation.	**$1,150**
SWC-DV-5	**OnGuard Video Client Software License (Qty 5)** – includes five concurrent digital video client software licenses for any client workstation.	**$5,600**
SWC-DV-10	**OnGuard Video Client Software License (Qty 10)** – includes ten concurrent digital video client software licenses for any client workstation.	**$10,500**
SWC-DV-25	**OnGuard Video Client Software License (Qty 25)** – includes twenty-five digital video client software licenses for any client workstation.	**$23,350**
	Camera Channel Licenses for Non Lenel Supplied Recorder	
DV-CH-8UP	8 Camera channel device license to Non Lenel supplied server solutions.	**$1,700**
	Turnkey Systems (Software with PC)	
PCS-DV	**OnGuard Video Security Server System with PC** – include this part number if you DO NOT HAVE an OnGuard Security Server PC- includes Microsoft Windows 7 Professional 64-bit, SQL 2008 R2 Express database, OnGuard digital video security server software license with PC, System Administration for video, Communication Server for video, Alarm Monitoring for video, a single OnGuard digital video client license and first year support plan for new systems. Note: Digital Video Recorders are sold separately. (INCLUDES PC-CONFIG#3 Platform)	**$2,820**
PCC-HPC-DV	**OnGuard Video Client Software with PC** – includes single digital video client software with PC. (INCLUDES PC-CONFIG#7 Platform)	**$6,625**

OnGuard Video Software Options

Part #	Descriptions	Cost
	Channel Software Only	
SW-LNR-CH1	**Lenel Network Video Recorder Software** - Includes a single channel software license for one IP/ Network based camera channel to be used with either a customer provided PC or adding on to a turnkey system. The customer provided PC must meet or exceed the Minimum DVC-EX PC Configuration requirements listed above (maximum of 63 IP/network channels per recorder based on video resolution, frame rate, quality and processing options being utilized)	**$250**
DVG-RM	**Remote Monitor Client -** Single Remote Monitor Client Software license. Video can be transmitted to a remote computer on the network running the Remote Monitoring Client Software. (Requires License Key Number for every upgrade order).	**$430**
	DVR TO NVR CONVERSION CHANNEL	
SW-DVR2NVR-CH1	**DVR to NVR Channel Conversion –** Single channel conversion of Lenel DVR licenses (DV-CH-XXX) to Lenel NVR licenses (SW-LNR-CH1) for end users moving from away from Lenel DVR [analog recorders]. This part will convert 1 channel from DVR to LNVR allowing it to be used for an IP camera or a Hybrid recorder.	**$125**

Lenel Video Recorder Configurations

All recorders include full access to the Lenel Intelligent Video suite for forensic investigations of recorded video.

All Lenel Hybrid Recorder (HVR) chassis and Lenel Network Video Recorder (LNVR) chassis come with a 3 year hardware warranty.

Camera channel licenses not included.
Requires at least OnGuard version 7.2.269
LNVR software installed is version 7.4.93
*Added in Actual Storage (RAID and JBOD) values for usable space on storage space formatted with 10% left free.

Lenel Network Video Recorder (LNVR) can be sold in a SOFTWARE ONLY form where the customer would supply the PC/Server chassis and purchase the LNVR channel licenses.

NOTE: When ordering any/all Video products, OnGuard System ID is required.

2U Standard Chassis (DVC-ST) – includes 2U, 19-inch rack mount chassis with Intel Celeron G1820 2.7GHz dual core CPU, 8GB 1600MHz DDR3 RAM, WIN 10 IoT Embedded 64bit operating system, Dual Gigabit Ethernet ports, one 500GB OS only hard drive (Up to 4 hard drives for video storage), DVD/CD ROM, and rack mount rail kit.

2U Extended Chassis (DVC-SX) – includes 2U, 19-inch rack mount chassis with Xeon E3-1225v6 3.3GHz Quad Core CPU, 16GB DDR4 (2 x 8GB) 2400MHz RAM, Windows 10 IoT Embedded 64bit operating system, Dual Gigabit Ethernet ports, one 500GB OS only hard drive (Up to 8 hard drives for video storage), DVD/CD ROM, and rack mount rail kit.

3U High Density Chassis (DVC-HD) – includes 3U, 19-inch rack mount chassis with dual Intel Xeon E3-1225 v3 3.2 GHz Quad Core CPUs, 12GB 1600MHz DDR3 RAM, Windows Server 2016 Embedded 64bit operating system, Dual Gigabit Ethernet ports, two 250GB OS drives in RAID1, and (Up to 16 hard drives for video storage), DVD/CD ROM, and rack mount rail kit.

Lenel Hybrid Video Recorder (HVR)
PLEASE NOTE: When Ordering any/all Video Products, OnGuard System ID is require

Part #	Descriptions	Cost
	2U Standard Chassis Hybrid Options (DVC-ST) (space for 4 storage hard drives)	
	(PLEASE NOTE: No Hardware RAID, JBOD only)	
	Chassis' below come with 1 VDC-DS4316HWIE board pre-installed	
DVC-ST-C-A16-01-2T	One 2TB data drive, **1.7TB Usable JBOD**; Supports up to 16 analog channels.	**$3,500**
DVC-ST-C-A16-01-4T	One 4TB data drive, **2.6TB Usable JBOD**; Supports up to 16 analog channels.	**$3,700**
DVC-ST-C-A16-04-2T	Four 2TB data drives; **6.8TB Usable JBOD**; Supports up to 16 analog channels.	**$4,400**
DVC-ST-C-A16-03-4T	Three 4TB data drives; **10.1TB Usable JBOD**; Supports up to 16 analog channels.	**$4,700**

Lenel Hybrid Video Recorder (HVR)
H.264 Hybrid Recorders (Analog and IP cameras)
2U Extended Chassis (DVC-SX)
PLEASE NOTE: No channels included, must be purchased separately

2U Extended Chassis Hybrid Options with (DVC-SX) (space for 8 storage hard drives)
(PLEASE NOTE: RAID5 configured by default)
Chassis' below come with 1 VDC-DS4316HWIE board pre-installed

Part #	Descriptions	Cost
DVC-SX-A-A16-04-2T	Four 2TB data drives; **5.1TB Usable RAID5 or 6.8TB Usable JBOD**; Supports up to 16 analog channels.	**$10,500**
DVC-SX-A-A16-03-4T	Three 4TB data drives; 6.8**TB Usable RAID5 or 10.2TB Usable JBOD**; Supports up to 16	**$11,000**
DVC-SX-A-A16-08-2T	Eight 2TB data drives; 11.9**TB Usable RAID5 or 13.6TB Usable JBOD**; Supports up to 16	**$12,000**
DVC-SX-A-A16-04-6T	Four 6TB data drives; 15.3**TB Usable RAID5 or 20.4TB Usable JBOD**; Supports up to 16 analog channels.	**$12,500**
DVC-SX-A-A16-08-4T	Eight 4TB data drives; 23.8**TB Usable RAID5 or 27.2TB Usable JBOD**; Supports up to 16 analog channels.	**$14,000**
DVC-SX-A-A16-08-6T	Eight 6TB data drives; 35.7**TB Usable RAID5 or 40.8TB Usable JBOD**; Supports up to 16 analog channels.	**$17,000**

Lenel Video Hardware Options

<u>Part #</u>	<u>Description</u>	<u>Cost</u>

LNVR Calculator: http://lnvr-calc.lenel.com/

Lenel Network Video Recorder (LNVR)
2U Standard Extended Chassis (DVC-SX)
PLEASE NOTE: No channels included, must be purchased separately
PLEASE NOTE: When Ordering any/all Video Products, OnGuard System ID is required.

2U Standard Extended Chassis (DVC-SX)(space for 8 storage hard drives)
(PLEASE NOTE: RAID5 configured by default)

Part #	Description	Cost
DVC-SX-A-A00-04-2T	Four 2TB data drives; **5.1TB Usable RAID5 or 6.8TB Usable JBOD**	**$9,100**
DVC-SX-A-A00-03-4T	Three 4TB data drives; 6.8**TB Usable RAID5 or 10.2TB Usable JBOD**	**$10,000**
DVC-SX-A-A00-08-2T	Eight 2TB data drives; 11.9**TB Usable RAID5 or 13.6TB Usable JBOD**	**$10,500**
DVC-SX-A-A00-04-6T	Four 6TB data drives; 15.3**TB Usable RAID5 or 20.4TB Usable JBOD**	**$11,500**
DVC-SX-A-A00-08-4T	Eight 4TB data drives; 23.8**TB Usable RAID5 or 27.2TB Usable JBOD**	**$12,500**
DVC-SX-A-A00-08-6T	Eight 6TB data drives; 35.7**TB Usable RAID5 or 40.8TB Usable JBOD**	**$15,500**

Lenel Network Video Recorder (LNVR)
3U Extended Chassis (DVC-HD)(space for 8 storage hard drives)

Part #	Description	Cost
DVC-HD-C-A00-08-4T	Eight 4TB data drives, 25.2TB Usable RAID5 or 26.9TB Usable JBOD	**$13,432**
DVC-HD-C-A00-08-6T	Eight 6TB data drives, 35.7TB Usable RAID5 or 40.8TB Usable JBOD	**$17,900**

3U Extended Chassis (DVC-HD)(space for 16 storage hard drives)

Part #	Description	Cost
DVC-HD-C-A00-16-4T	Sixteen 4TB data drives, 50.4TB Usable RAID5 or 53.8TB Usable JBOD	**$16,296**
DVC-HD-C-A00-16-6T	Sixteen 6TB data drives, 71.4TB Usable RAID5 or 81.6TB Usable JBOD	**$24,500**

Lenel Video Recorder Options
NOTE: When ordering any/all Video products, OnGuard System ID is required unless purchasing with a new system.

Part #	Descriptions	Cost
	Lenel Video Recorder Operating System Options	
DV-UP2016	Windows 10 upgrade to Windows Server 2016 Embedded. FOR NEW AND EXISTING UNITS. FOR EXISTING UPGRADES, DV-RECOV is also required.	**$725**
DV-RECOV	Replacement recovery USB for any LDVR, LNVR, or HVR with a serial number of 1420000 or higher. **Provide chassis serial number(s) when ordering.**	**$29**
	8GB Memory Field Upgrade Packages	
DVC-LP-A-MEM-UPG	2 x 4GB DDR3 1333MHz ECC UDIMM memory modules - Memory upgrade kit for DVC-LP-A from 4GB to 8GB	**$300**
	Lenel Video Encoder Card Replacement	
VDC-DS4316HWIE	16-Channel BNC H.264 Video Encoder Card, PCI-Express x1	**$500**

Lenel Video Storage Hard Disk Options
NOTE: Drives below should be ordered when ordering spare drives to increase storage in a previously purchased DVC-xx chassis [Does NOT include drive carrier, Screws ARE included]

Part #	Descriptions	Cost
HDD-4TB-SV-SPARE	Spare 3.5" 4TB SATA3 7,200rpm hard drive for use with **DVC-LP or -ST** chassis. This is a bare drive not installed in any chassis. **Drive carrier not included.**	**$358**
HDD-2TB-ENT-SPARE	Spare 3.5" 2TB SATA3 7,200rpm hard drive for use with **DVC-EX, SX or -HD** chassis. This is a bare drive not installed in any chassis. **Drive carrier not included.**	**$400**
HDD-4TB-ENT-SPARE	Spare 3.5" 4TB SATA3 7,200rpm hard drive for use with **DVC-EX, -SX or -HD** chassis. This is a bare drive not installed in any chassis. **Drive carrier not included.**	**$700**

Chapter 5: OAAP Partner Products & Third Party Products

Everbridge

Everbridge is an industry leading provider of intelligent, mass notification and communication solutions. The Safety Connection platform offered by Everbridge is a key element of the Lenel Complete Security solution by enabling customers to protect their employees wherever they go; both on and off premises. In conjunction with Safety Connection, Everbridge offers integrations from a number of industry leading data feeds such as NC4, Concur, Billy Dean (hotel/event reservations), and weather alerts to provide full situational awareness.

The Everbridge Safety Connection platform is integrated with Lenel OnGuard in order to provide users real-time visibility to physical access control events and allow triangulation of employees in potentially harmful environments. The physical access control events captured in Safety Connection are a key aspect of the solutions situational awareness as communications are typically strained during emergency events and the use of Lenel's OnGuard events is a more reliable source of data.

NOTE: DataConduIT (SWG-1140) and Data Exchange (SWG-1225) licenses are required, and must be ordered separately

REQUIRED ITEMS FOR EACH PROJECT

EB-2000-***	*Everbridge Safety Connection Pro Software Package*
EB-2050-01	*Standard Implementation Services (8% of SW Cost)*

EB-2X00-01	*Safety Connection Deployment Services*
	  - EB-2100-01: Up to 10K Contacts
	  - EB-2200-01: 10K - 20K Contacts
	  - EB-2300-01: 20K+ Contacts

SWG-1140	*DataConduIT includes one connection license*
SWG-1225	*DataExchange – Global Data Import/Export Utility*

Everbridge Safety Connection Pro Software Packages

Part #	Description	Cost
EB-2000-500	Safety Connection Pro software package for up thru 499 users, which includes the standard Safety Connection platform plus the following additional features: EB Open Contact API, Open Broadcast API, Social Media View, Incident Management, Custom From Email Address, Security Pack (SSO), and Community Engagement opt-in module. **[Requires DataConduIT and Data Exchange licenses, purchased separately]**	**$82.16**
EB-2000-1K	Safety Connection Pro software package for 500 to 999 users, which includes the standard Safety Connection platform plus the following additional features: EB Open Contact API, Open Broadcast API, Social Media View, Incident Management, Custom From Email Address, Security Pack (SSO), and Community Engagement opt-in module. **[Requires DataConduIT and Data Exchange licenses, purchased separately]**	**$60.51**
EB-2000-2K	Safety Connection Pro software package for 1,000 to 1,999 users, which includes the standard Safety Connection platform plus the following additional features: EB Open Contact API, Open Broadcast API, Social Media View, Incident Management, Custom From Email Address, Security Pack (SSO), and Community Engagement opt-in module. **[Requires DataConduIT and Data Exchange licenses, purchased separately]**	**$41.34**
EB-2000-5K	Safety Connection Pro software package for 2,000 to 4,999 users, which includes the standard Safety Connection platform plus the following additional features: EB Open Contact API, Open Broadcast API, Social Media View, Incident Management, Custom From Email Address, Security Pack (SSO), and Community Engagement opt-in module. **[Requires DataConduIT and Data Exchange licenses, purchased separately]**	**$26.40**
EB-2000-10K	Safety Connection Pro software package for 5,000 to 9,999 users, which includes the standard Safety Connection platform plus the following additional features: EB Open Contact API, Open Broadcast API, Social Media View, Incident Management, Custom From Email Address, Security Pack (SSO), and Community Engagement opt-in module. **[Requires DataConduIT and Data Exchange licenses, purchased separately]**	**$15.73**

Everbridge(Cont'd)

Everbridge Safety Connection Pro Software Packages (Cont'd)

Part #	Description	Cost
EB-2000-30K	Safety Connection Pro software package for 10,000 to 29,999 users, which includes the standard Safety Connection platform plus the following additional features: EB Open Contact API, Open Broadcast API, Social Media View, Incident Management, Custom From Email Address, Security Pack (SSO), and Community Engagement opt-in module. **[Requires DataConduIT and Data Exchange licenses, purchased separately]**	$10.55
EB-2000-50K	Safety Connection Pro software package for 30,000 to 49,999 users, which includes the standard Safety Connection platform plus the following additional features: EB Open Contact API, Open Broadcast API, Social Media View, Incident Management, Custom From Email Address, Security Pack (SSO), and Community Engagement opt-in module. **[Requires DataConduIT and Data Exchange licenses, purchased separately]**	$5.11
EB-2000-500K	Safety Connection Pro software package for 50,000 to 74,999 users, which includes the standard Safety Connection platform plus the following additional features: EB Open Contact API, Open Broadcast API, Social Media View, Incident Management, Custom From Email Address, Security Pack (SSO), and Community Engagement opt-in module. **[Requires DataConduIT and Data Exchange licenses, purchased separately]**	$3.72
EB-2000-750K	Safety Connection Pro software package for more than 75,000 users, which includes the standard Safety Connection platform plus the following additional features: EB Open Contact API, Open Broadcast API, Social Media View, Incident Management, Custom From Email Address, Security Pack (SSO), and Community Engagement opt-in module. **[Requires DataConduIT and Data Exchange licenses, purchased separately]**	$3.03

Everbridge Implementation & Service Plans

Part #	Description	Cost
EB-1050-01	24 hours of Professional Services for product implementation. Includes self-service administrative set-up, configuration, and default preferences with unlimited access to Everbridge University, 24 x 7 customer support (phone, web, email).	$10,000
EB-2100-01	Safety Connection Deployment Services for up to 10K contacts	$17,800
EB-2200-01	Safety Connection Deployment Services for 10K - 20K contacts	$27,000
EB-2300-01	Safety Connection Deployment Services for more than 20K contacts	$36,000
EB-1070-01	Professional Services 1-Day Onsite Training Including T&E	$5,000
EB-1070-02	Professional Services Per Day Rate Remote Consulting	$3,000
EB-1070-03	EVERBRIDGE PROFESSIONAL SERVICES 2 DAY (CONSECUTIVE) ONSITE CONSULTING SERVICES (16 HOURS)	$7,650

Everbridge Call Plan Add-On Options

Part #	Description	Cost
EB-0001-12K	Additional 12,500 US Messaging Minutes for use with Safety Connection	$650
EB-0002-6K	Additional 6,500 Non-US Messaging Minutes for use with Safety Connection	$650

For more product related information, please visit Everbridge Inc.'s product specific web links below:
https://www.everbridge.com/products/

Milestone Systems XProtect VMS Products

Milestone(R) XProtect™ products are powerful, highly scalable Video Management Software (VMS) solutions that can be integrated with your OnGuard system. The XProtect VMS solutions scale from small installations with as few as 26 cameras to large, enterprise class environments with hundreds or even thousands of cameras. The Milestone XProtect Corporate and Expert platforms allow you to support an unlimited number of concurrent users and integrated cameras along with the ability to provide a centrally managed environment. Additionally, the Milestone XProtect products provide you with a highly configurable user interface that restricts access roles based on job function.

The Milestone XProtect Corporate product line also provides an integrated video wall capability, as well as failover recording servers to ensure critical data is not lost and efficient event diagnostics can be accurately performed at any time. In addition, the XProtect Corporate Interconnect solution allows you to connect to all XProtect VMS systems used within your organization to provide significant economies of scale for large, multi-site organizations. When purchasing XPROTECT Corporate one year of support must be quoted.

Milestone offers three ways of accessing your surveillance systems:
- XProtect Smart Client - think/thick client application for "super users," such as security officers and administrators on site
- XProtect Web Client - web-based client application for viewing, sharing, and playback of video
- XProtect Mobile - smartphone or tablet-based application that can be downloaded free of charge to view recorded video

When integrated with OnGuard, the Milestone XProtect VMS provides situational awareness as you are able to quickly view Milestone recorded video in OnGuard Alarm Monitoring for various configurable events, aiding in the diagnosis of potential critical events occuring at your site.

Milestone licenses as well as the OnGuard one-time integration fee can be purchased through LenelS2. The integration fee includes DataConduIT and Open Video. All OnGuard video channel licenses are now free of charge to customers purchasing Milestone through LenelS2.

**Contact your local LenelS2 sales team to quote new Milestone VMS products (XProtect Professional+ and XProtect Express+) as well as Add-On Modules such as XProtect License Plate Recognition (LPR), Smart Wall, Retail, Transact and Screen Recorder
https://www.milestonesys.com/solutions/platform/product-index/

Part #	Descriptions	MSRP
Milestone XProtect Base and Device Licenses		
ML-XPEXPLUSBL-**	XPROTECT EXPRESS PLUS BASE LICENSE	**$19**
ML-XPEXPLUSDL-**	XPROTECT EXPRESS PLUS DEVICE LICENSE	**$75**
ML-XPP-PLUS-BL-**	XPROTECT PROFESSIONAL PLUS BASE LICENSE	**$499**
ML-XPP-PLUS-DL-**	XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	**$169**
ML-XPETBL-**	XPROTECT EXPERT BASE LICENSE	**$1,999**
ML-XPETDL-**	XPROTECT EXPERT DEVICE LICENSE	**$269**
ML-XPCOBT-**	XPROTECT CORPORATE BASE LICENSE	**$3,183**
ML-XPCODL-**	XPROTECT CORPORATE DEVICE LICENSE	**$329**
ML-XPCOMIDL-**	XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	**$69**
ML-XPABL-**	MILESTONE XPROTECT ACCESS BASE LICENSE	**$129**
ML-XPADL-**	MILESTONE XPROTECT ACCESS DOOR LICENSE	**$39**

NOTE: When purchasing XPROTECT Corporate one year of support must be

Milestone Systems XProtect VMS Products (Cont.'d)

OnGuard Integration & Video Channel Licenses

Part #	Descriptions	Cost
ML-ONG-VIDINT	VIDEO CHANNEL LICENSE FOR INTEGRATING MILESTONE VIDEO CHANNELS INTO ONGUARD [INCLUDES DV-CH-1UP CHANNEL DEVICE LICENSE]	No Charge
ML-OGINT-32ES	INTEGRATION OF MILESTONE XPROTECT PLATFORM INTO ONGUARD 32ES SYSTEMS [INCLUDES DATACONDUIT- SWG-1140 AND SWG-DV VIDEO ENABLER LICENSES]	$5,000
ML-OGINT-ADV	INTEGRATION OF MILESTONE XPROTECT PLATFORM INTO ONGUARD ADV SYSTEMS [INCLUDES DATACONDUIT- SWG-1140 AND SWG-DV VIDEO ENABLER LICENSES]	$8,300
ML-OGINT-PROENT	INTEGRATION OF MILESTONE XPROTECT PLATFORM INTO ONGUARD PRO OR ENTERPRISE SYSTEMS [INCLUDES DATACONDUIT- SWG-1140 AND SWG-DV VIDEO ENABLER LICENSES]	$16,500

Milestone XProtect Care Plus Base License Plans (SUSP)

Part #	Descriptions	MSRP
ML-DXPETBL-**	MILESTONE ONE DAY CARE PLUS FOR XPROTECT EXPERT BASE LICENSE	$0.99
ML-YXPETBL-**	MILESTONE ONE YEAR CARE PLUS FOR XPROTECT EXPERT BASE LICENSE	$360
ML-Y2XPETBL-**	MILESTONE TWO YEARS CARE PLUS FOR XPROTECT EXPERT BASE LICENSE	$600
ML-Y3XPETBL-**	MILESTONE THREE YEARS CARE PLUS FOR XPROTECT EXPERT BASE LICENSE	$780
ML-Y5XPETBL-**	MILESTONE FIVE YEARS CARE PLUS FOR XPROTECT EXPERT BASE LICENSE	$1,200
ML-Y3OIXPETBL-**	MILESTONE THREE YEARS OPT-IN CARE PLUS FOR XPROTECT EXPERT BASE LICENSE	$1,080
ML-DXPCOBT-**	MILESTONE ONE DAY CARE PLUS FOR XPROTECT CORPORATE BASE LICENSE	$1.58
ML-YXPCOBT-**	MILESTONE ONE YEAR CARE PLUS FOR XPROTECT CORPORATE BASE LICENSE	$575
ML-Y2XPCOBT-**	MILESTONE TWO YEARS CARE PLUS FOR XPROTECT CORPORATE BASE LICENSE	$955
ML-Y3XPCOBT-**	MILESTONE THREE YEARS CARE PLUS FOR XPROTECT CORPORATE BASE LICENSE	$1,245
ML-Y5XPCOBT-**	MILESTONE FIVE YEARS CARE PLUS FOR XPROTECT CORPORATE BASE LICENSE	$1,910
ML-Y3OIXPCOBT-**	MILESTONE THREE YEARS OPT-IN CARE PLUS FOR XPROTECT CORPORATE BASE LICENSE	$1,719

Milestone Systems XProtect VMS Products (Cont'd)

Milestone XProtect Care Plus Device License Plans (SUSP)

Part #	Descriptions	MSRP
ML-DXPEXCL-**	MILESTONE ONE DAY CARE PLUS FOR XPROTECT EXPRESS DEVICE LICENSE	$0.05
ML-YXPEXCL-**	MILESTONE ONE YEAR CARE PLUS FOR XPROTECT EXPRESS DEVICE LICENSE	$13.00
ML-Y2XPEXCL-**	MILESTONE TWO YEARS CARE PLUS FOR XPROTECT EXPRESS DEVICE LICENSE	$18.00
ML-Y3XPEXCL-**	MILESTONE THREE YEARS CARE PLUS FOR XPROTECT EXPRESS DEVICE LICENSE	$24.00
ML-Y3OIXPEXCL-**	MILESTONE THREE YEARS OPT-IN CARE PLUS FOR XPROTECT EXPRESS DEVICE LICENSE	$42.00
ML-DXPEXPLUSDL-**	MILESTONE ONE DAY CARE PLUS FOR XPROTECT EXPRESS PLUS DEVICE LICENSE	$0.05
ML-YXPEXPLUSDL-**	MILESTONE ONE YEAR CARE PLUS FOR XPROTECT EXPRESS PLUS DEVICE LICENSE	$14.00
ML-Y2XPEXPLUSDL-**	MILESTONE TWO YEARS CARE PLUS FOR XPROTECT EXPRESS PLUS DEVICE LICENSE	$23.00
ML-Y3XPEXPLUSDL-**	MILESTONE THREE YEARS CARE PLUS FOR XPROTECT EXPRESS PLUS DEVICE LICENSE	$30.00
ML-Y5XPEXPLUSDL-**	MILESTONE FIVE YEARS CARE PLUS FOR XPROTECT EXPRESS PLUS DEVICE LICENSE	$45.00
ML-Y3OIXPEXPLDL-**	MILESTONE THREE YEARS OPT-IN CARE PLUS FOR XPROTECT EXPRESS PLUS DEVICE LICENSE	$42.00
ML-DXPPCL-**	MILESTONE ONE DAY CARE PLUS FOR XPROTECT PROFESSIONAL DEVICE LICENSE	$0.08
ML-YXPPCL-**	MILESTONE ONE YEAR CARE PLUS FOR XPROTECT PROFESSIONAL DEVICE LICENSE	$27.00
ML-Y2XPPCL-**	MILESTONE TWO YEARS CARE PLUS FOR XPROTECT PROFESSIONAL DEVICE LICENSE	$45.00
ML-Y3XPPCL-**	MILESTONE THREE YEARS CARE PLUS FOR XPROTECT PROFESSIONAL DEVICE LICENSE	$59.00
ML-Y3OIXPPCL-**	MILESTONE THREE YEARS OPT-IN CARE PLUS FOR XPROTECT PROFESSIONAL DEVICE LICENSE	$81.00
ML-DXPPPLUSDL-**	MILESTONE ONE DAY CARE PLUS FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$0.08
ML-YXPPPLUSDL-**	MILESTONE ONE YEAR CARE PLUS FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$31.00
ML-Y2XPPPLUSDL-**	MILESTONE TWO YEARS CARE PLUS FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$51.00
ML-Y3XPPPLUSDL-**	MILESTONE THREE YEARS CARE PLUS FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$66.00
ML-Y5XPPPLUSDL-**	MILESTONE FIVE YEARS CARE PLUS FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$102.00
ML-Y3OIXPPPLUSDL-**	MILESTONE THREE YEARS OPT-IN CARE PLUS FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$93.00

Milestone Systems XProtect VMS Products (Cont'd)

Milestone XProtect Care Plus Device License Plans (SUSP)

Part #	Descriptions	MSRP
ML-DXPETDL-**	MILESTONE ONE DAY CARE PLUS FOR XPROTECT EXPERT DEVICE LICENSE	$0.14
ML-YXPETDL-**	MILESTONE ONE YEAR CARE PLUS FOR XPROTECT EXPERT DEVICE LICENSE	$49.00
ML-Y2XPETDL-**	MILESTONE TWO YEARS CARE PLUS FOR XPROTECT EXPERT DEVICE LICENSE	$81.00
ML-Y3XPETDL-**	MILESTONE THREE YEARS CARE PLUS FOR XPROTECT EXPERT DEVICE LICENSE	$105.00
ML-Y5XPETDL-**	MILESTONE FIVE YEARS CARE PLUS FOR XPROTECT EXPERT DEVICE LICENSE	$162.00
ML-Y3OIXPETDL-**	MILESTONE THREE YEARS OPT-IN CARE PLUS FOR XPROTECT EXPERT DEVICE LICENSE	$146.00
ML-DXPCODL-**	MILESTONE ONE DAY CARE PLUS FOR XPROTECT CORPORATE DEVICE LICENSE	$0.17
ML-YXPCODL-**	MILESTONE ONE YEAR CARE PLUS FOR XPROTECT CORPORATE DEVICE LICENSE	$60.00
ML-Y2XPCODL-**	MILESTONE TWO YEARS CARE PLUS FOR XPROTECT CORPORATE DEVICE LICENSE	$100.00
ML-Y3XPCODL-**	MILESTONE THREE YEARS CARE PLUS FOR XPROTECT CORPORATE DEVICE LICENSE	$130.00
ML-Y5XPCODL-**	MILESTONE FIVE YEARS CARE PLUS FOR XPROTECT CORPORATE DEVICE LICENSE	$200.00
ML-Y3OIXPCODL-**	MILESTONE THREE YEARS OPT-IN CARE PLUS FOR XPROTECT CORPORATE DEVICE LICENSE	$178.00

Milestone XProtect Care Plus Device License Plans (SUSP)

Part #	Descriptions	MSRP
ML-DXPCOMIDL-**	ONE DAY CARE PLUS FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$0.04
ML-YXPCOMIDL-**	ONE YEAR CARE PLUS FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$13.00
ML-Y2XPCOMIDL-**	TWO YEARS CARE PLUS FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$21.00
ML-Y3XPCOMIDL-**	THREE YEARS CARE PLUS FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$27.00
ML-Y5XPCOMIDL-**	FIVE YEARS CARE PLUS FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$42.00
ML-Y3OIXPCOMIDL-**	THREE YEARS OPT-IN CARE PLUS FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$38.00

Milestone XProtect Care Premium Start-Up Fee

- One-time start up fee payment required

Part #	Descriptions	MSRP
ML-MCPR-START-**	MILESTONE CARE PREMIUM START-UP FEE	$1,500

Milestone Systems XProtect VMS Products (Cont'd)

Milestone XProtect Care Premium Base License Plans (SUSP)

Part #	Descriptions	MSRP
ML-MCPR-DXPET-**	MILESTONE ONE DAY CARE PREMIUM FOR XPROTECT EXPERT BASE LICENSE	$0.39
ML-MCPR-YXPET-**	MILESTONE ONE YEAR CARE PREMIUM FOR XPROTECT EXPERT BASE LICENSE	$140.00
ML-MCPR-Y2XPET-**	MILESTONE TWO YEARS CARE PREMIUM FOR XPROTECT EXPERT BASE LICENSE	$260.00
ML-MCPR-Y3XPET-**	MILESTONE THREE YEARS CARE PREMIUM FOR XPROTECT EXPERT BASE LICENSE	$360.00
ML-MCPR-Y5XPET-**	MILESTONE FIVE YEARS CARE PREMIUM FOR XPROTECT EXPERT BASE LICENSE	$550.00
ML-MCPR-DXPCO-**	MILESTONE ONE DAY CARE PREMIUM FOR XPROTECT CORPORATE BASE LICENSE	$0.62
ML-MCPR-YXPCO-**	MILESTONE ONE YEAR CARE PREMIUM FOR XPROTECT CORPORATE BASE LICENSE	$223.00
ML-MCPR-Y2XPCO-**	MILESTONE TWO YEARS CARE PREMIUM FOR XPROTECT CORPORATE BASE LICENSE	$414.00
ML-MCPR-Y3XPCO-**	MILESTONE THREE YEARS CARE PREMIUM FOR XPROTECT CORPORATE BASE LICENSE	$573.00
ML-MCPR-Y5XPCO-**	MILESTONE FIVE YEARS CARE PREMIUM FOR XPROTECT CORPORATE BASE LICENSE	$876.00

Milestone XProtect Care Premium Device License Plans (SUSP)

Part #	Descriptions	MSRP
ML-MCPR-DXPEX-**	MILESTONE ONE DAY CARE PREMIUM FOR XPROTECT EXPRESS DEVICE LICENSE	$0.02
ML-MCPR-YXPEX-**	MILESTONE ONE YEAR CARE PREMIUM FOR XPROTECT EXPRESS DEVICE LICENSE	$5.00
ML-MCPR-Y2XPEX-**	MILESTONE TWO YEARS CARE PREMIUM FOR XPROTECT EXPRESS DEVICE LICENSE	$9.00
ML-MCPR-Y3XPEX-**	MILESTONE THREE YEARS CARE PREMIUM FOR XPROTECT EXPRESS DEVICE LICENSE	$13.00
ML-MCPR-Y5XPEX-**	MILESTONE FIVE YEARS CARE PREMIUM FOR XPROTECT EXPRESS DEVICE LICENSE	$19.00
ML-MCPR-DXPPCL-**	MILESTONE ONE DAY CARE PREMIUM FOR XPROTECT PROFESSIONAL DEVICE LICENSE	$0.04
ML-MCPR-YXPPCL-**	MILESTONE ONE YEAR CARE PREMIUM FOR XPROTECT PROFESSIONAL DEVICE LICENSE	$11.00
ML-MCPR-Y2XPPCL-**	MILESTONE TWO YEARS CARE PREMIUM FOR XPROTECT PROFESSIONAL DEVICE LICENSE	$20.00
ML-MCPR-Y3XPPCL-**	MILESTONE THREE YEARS CARE PREMIUM FOR XPROTECT PROFESSIONAL DEVICE LICENSE	$27.00

Milestone Systems XProtect VMS Products (Cont'd)

Milestone XProtect Care Premium Device License Plans (SUSP)

Part #	Descriptions	MSRP
ML-MCPR-DXPPPDL-*	MILESTONE ONE DAY CARE PREMIUM FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$0.04
ML-MCPR-YXPPPDL-*	MILESTONE ONE YEAR CARE PREMIUM FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$12.00
ML-MCPR-Y2XPPPDL-*	MILESTONE TWO YEARS CARE PREMIUM FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$22.00
ML-MCPR-Y3XPPPDL-*	MILESTONE THREE YEARS CARE PREMIUM FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$31.00
ML-MCPR-Y5XPPPDL-*	MILESTONE FIVE YEARS CARE PREMIUM FOR XPROTECT PROFESSIONAL PLUS DEVICE LICENSE	$47.00
ML-MCPR-DXPETD-**	MILESTONE ONE DAY CARE PREMIUM FOR XPROTECT EXPERT DEVICE LICENSE	$0.06
ML-MCPR-YXPETD-**	MILESTONE ONE YEAR CARE PREMIUM FOR XPROTECT EXPERT DEVICE LICENSE	$19.00
ML-MCPR-Y2XPETD-**	MILESTONE TWO YEARS CARE PREMIUM FOR XPROTECT EXPERT DEVICE LICENSE	$35.00
ML-MCPR-Y3XPETD-**	MILESTONE THREE YEARS CARE PREMIUM FOR XPROTECT EXPERT DEVICE LICENSE	$49.00
ML-MCPR-Y5XPETD-**	MILESTONE FIVE YEARS CARE PREMIUM FOR XPROTECT EXPERT DEVICE LICENSE	$74.00
ML-MCPR-DXPCOD-**	MILESTONE ONE DAY CARE PREMIUM FOR XPROTECT CORPORATE DEVICE LICENSE	$0.07
ML-MCPR-YXPCOD-**	MILESTONE ONE YEAR CARE PREMIUM FOR XPROTECT CORPORATE DEVICE LICENSE	$24.00
ML-MCPR-Y2XPCOD-**	MILESTONE TWO YEARS CARE PREMIUM FOR XPROTECT CORPORATE DEVICE LICENSE	$43.00
ML-MCPR-Y3XPCOD-**	MILESTONE THREE YEARS CARE PREMIUM FOR XPROTECT CORPORATE DEVICE LICENSE	$60.00
ML-MCPR-Y5XPCOD-**	MILESTONE FIVE YEARS CARE PREMIUM FOR XPROTECT CORPORATE DEVICE LICENSE	$91.00
ML-MCPR-DXPCOM-**	ONE DAY CARE PREMIUM FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$0.02
ML-MCPR-YXPCOM-**	ONE YEAR CARE PREMIUM FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$5.00
ML-MCPR-Y2XPCOM-**	TWO YEARS CARE PREMIUM FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$9.00
ML-MCPR-Y3XPCOM-**	THREE YEARS CARE PREMIUM FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$13.00
ML-MCPR-Y5XPCOM-**	FIVE YEARS CARE PREMIUM FOR XPROTECT CORPORATE MILESTONE INTERCONNECT CAMERA LICENSE	$19.00

Milestone XProtect Care Elite Plan (SUSP)

Part #	Descriptions	MSRP
ML-MCPE-Y1STD-**	ONE YEAR CARE ELITE MILESTONE SUPPORT PACKAGE	$50,000

Milestone Systems Husky "X" Series NVRs

Milestone Husky X2 NVR
Small- to mid-market NVR

Part #	Descriptions	MSRP
ML-HX2-07	Husky X2 barebone	$3,095.00
ML-HX2P16-07	Husky X2 barebone w/16 PoE switch	$3,595.00
ML-HX2S2TB-2-07	4TB (2*2TB HDD) w/tray for X2	$395.00
ML-HX2S4TB-2-07	8TB (2*4TB HDD) w/tray for X2	$625.00
ML-HX2S6TB-2-07	12TB (2*6TB HDD) w/tray for X2	$995.00
ML-HX2S8TB-2-07	16TB (2*8TB HDD) w/tray for X2	$1,295.00
ML-HX2S10TB-2-07	20TB (2*10TB HDD) w/tray for X2	$1,650.00
ML-HX2S12TB-2-07	24TB (2*12TB HDD) w/tray for X2	$1,895.00
ML-HX2ST-2-07	2*HDD tray for X2	$75.00

Milestone Husky X8 NVR
High-end market NVR

Part #	Descriptions	MSRP
ML-HX8R-07	Husky X8 barebone w/RAID	$11,495.00
ML-HX8RC-07	Husky X8 barebone w/RAID and CNA	$12,495.00
ML-HXGS4TB-4-07	16TB (4*4TB HDD) w/tray for X8	$1,250.00
ML-HXGS6TB-4-07	24TB (4*6TB HDD) w/tray for X8	$1,895.00
ML-HXGS8TB-4-07	32TB (4*8TB HDD) w/tray for X8	$2,550.00
ML-HXGS10TB-4-07	40TB (4*10TB HDD) w/tray for X8	$3,250.00
ML-HXGS12TB-4-07	48TB (4*12TB HDD) w/tray for X8	$3,795.00
ML-HXGST-4-07	4*HDD tray for X8	$125.00

Balto™ Video Servers

Balto by Seneca is a series of turn-key appliances optimized for Milestone's XProtect software and endorsed by Milestone Systems. These units include pre-installed Milestone XProtect, system optimization software, and health status monitoring integration. All hardware includes a 3- or 5-year warranty backed by Dell's Next Business Day On-Site (NBDOS) hardware warranty.

PLEASE NOTE: No Milestone channel licenses included, must be purchased separately.

Additional Balto models and configurations are available for purchase beyond what is listed below. Please contact your LenelS2 sales representative for assistance.

All Balto hardware requires the following: • End user name and email address • Full site installation address including city, state and zip

Balto R1 1U Rackmount All-purpose Video Recording Servers
Intel I-Core (i3-8100) | Windows 10 IOT | 3-Year Warranty

Part #	Description	Cost
NVR-R1-8T-W10	BALTO R1 1U RACK MOUNT, 16GB RAM, 8TB, DUAL 1GB NIC, SINGLE PSU, WIN10, 3-YR NBDOS WARRANTY	$3,330
NVR-R1-16T-W10	BALTO R1 1U RACK MOUNT, 16GB RAM, 16TB, DUAL 1GB NIC, SINGLE PSU, WIN10, 3-YR NBDOS WARRANTY	$3,915
NVR-R1-20T-W10	BALTO R1 1U RACK MOUNT, 16GB RAM, 20TB, DUAL 1GB NIC, SINGLE PSU, WIN10, 3-YR NBDOS WARRANTY	$4,365
NVR-R1-24T-W10	BALTO R1 1U RACK MOUNT, 16GB RAM, 24TB, DUAL 1GB NIC, SINGLE PSU, WIN10, 3-YR NBDOS WARRANTY	$4,645
NVR-R1-28T-W10	BALTO R1 1U RACK MOUNT, 16GB RAM, 28TB, DUAL 1GB NIC, SINGLE PSU, WIN10, 3-YR NBDOS WARRANTY	$4,970

Balto R1.5 1U Rackmount Network Video Recording Servers
Intel Xeon E-2124 | Windows 10 IOT or Server 19 | 5-Year Warranty

Part #	Description	Cost
NVR-R1.5-16T-W10	BALTO R1.5 1U RACK MOUNT, 16GB RAM, 16TB, DUAL 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$6,910
NVR-R1.5-24T-W10	BALTO R1.5 1U RACK MOUNT, 16GB RAM, 24TB, DUAL 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$7,245
NVR-R1.5-32T-W10	BALTO R1.5 1U RACK MOUNT, 16GB RAM, 32TB, DUAL 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$7,810
NVR-R1.5-16T-S	BALTO R1.5 1U RACK MOUNT, 16GB RAM, 16TB, DUAL 1GB NIC, SINGLE PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$8,060
NVR-R1.5-24T-S	BALTO R1.5 1U RACK MOUNT, 16GB RAM, 24TB, DUAL 1GB NIC, SINGLE PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$8,400
NVR-R1.5-32T-S	BALTO R1.5 1U RACK MOUNT, 16GB RAM, 32TB, DUAL 1GB NIC, SINGLE PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$8,965

Balto™ Video Servers (Cont'd)

Balto R1.5D 1U Rackmount Network Video Recording Servers

Intel Xeon E-2124 | Windows 10 IOT or Server 19 | Dual PSU | 5-Year Warranty

Part #	Description	Cost
R1.5D-16T-W10	BALTO R1.5D 1U RACK MOUNT, 16GB RAM, 16TB, DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$7,275
R1.5D-24T-W10	BALTO R1.5D 1U RACK MOUNT, 16GB RAM, 24TB, DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$7,640
R1.5D-32T-W10	BALTO R1.5D 1U RACK MOUNT, 16GB RAM, 32TB, DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$8,215
R1.5D-48T-W10	BALTO R1.5D 1U RACK MOUNT, 16GB RAM, 48TB, DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$9,665
R1.5D-16T-S	BALTO R1.5D 1U RACK MOUNT, 16GB RAM, 16TB, DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$8,480
R1.5D-24T-S	BALTO R1.5D 1U RACK MOUNT, 16GB RAM, 24TB, DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$8,845
R1.5D-32T-S	BALTO R1.5D 1U RACK MOUNT, 16GB RAM, 32TB, DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$9,415
R1.5D-48T-S	BALTO R1.5D 1U RACK MOUNT, 16GB RAM, 48TB, DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$10,870

Note: P620 Graphic Card option available on all R1.5D models. Contact sales.

Balto R2 1U Rackmount Network Video Recording Servers

Intel Xeon E-2136 | RAID 5/6/10 | Windows 10 IOT or Server 19 | 5-Year Warranty

Part #	Description	Cost
NVR-R2-16T-W10	BALTO R2 1U RACK MOUNT, 16GB RAM, 16TB, DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$7,875
NVR-R2-24T-W10	BALTO R2 1U RACK MOUNT, 16GB RAM, 24TB, DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$8,300
NVR-R2-32T-W10	BALTO R2 1U RACK MOUNT, 16GB RAM, 32TB, DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$8,870
NVR-R2-40T-W10	BALTO R2 1U RACK MOUNT, 16GB RAM, 40TB, DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$9,760
NVR-R2-48T-W10	BALTO R2 1U RACK MOUNT, 16GB RAM, 48TB, DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$10,320
NVR-R2-16T-S	BALTO R2 1U RACK MOUNT, 16GB RAM, 16TB, DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$9,115
NVR-R2-24T-S	BALTO R2 1U RACK MOUNT, 16GB RAM, 24TB, DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$9,500
NVR-R2-32T-S	BALTO R2 1U RACK MOUNT, 16GB RAM, 32TB, DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$10,070
NVR-R2-40T-S	BALTO R2 1U RACK MOUNT, 16GB RAM, 40TB, DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$10,960
NVR-R2-48T-S	BALTO R2 1U RACK MOUNT, 16GB RAM, 48TB, DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$11,525

Note: P1000 Graphic Card option available on all R2 models. Contact sales.

Balto™ Video Servers (Cont'd)

Balto R3 2U Rackmount Network Video Recording Servers
Intel Xeon Silver 4210 | RAID 5/6/10 | P1000 GPU | Windows 10 IOT or Server 19 | 5-Year Warranty

Part #	Description	Cost
NVR-R3-24T-G-W10	BALTO R3 2U RACK MOUNT, 32GB RAM, 24TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$10,150
NVR-R3-32T-G-W10	BALTO R3 2U RACK MOUNT, 32GB RAM, 32TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$10,695
NVR-R3-40T-G-W10	BALTO R3 2U RACK MOUNT, 32GB RAM, 40TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$11,335
NVR-R3-48T-G-W10	BALTO R3 2U RACK MOUNT, 32GB RAM, 48TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$11,435
NVR-R3-64T-G-W10	BALTO R3 2U RACK MOUNT, 32GB RAM, 64TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$12,590
NVR-R3-80T-G-W10	BALTO R3 2U RACK MOUNT, 32GB RAM, 80TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$13,830
NVR-R3-96T-G-W10	BALTO R3 2U RACK MOUNT, 32GB RAM, 96TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$14,900
NVR-R3-120T-G-W10	BALTO R3 2U RACK MOUNT, 32GB RAM, 120TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$17,600
NVR-R3-24T-G-S	BALTO R3 2U RACK MOUNT, 32GB RAM, 24TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$11,375
NVR-R3-32T-G-S	BALTO R3 2U RACK MOUNT, 32GB RAM, 32TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$11,920
NVR-R3-40T-G-S	BALTO R3 2U RACK MOUNT, 32GB RAM, 40TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$12,565
NVR-R3-48T-G-S	BALTO R3 2U RACK MOUNT, 32GB RAM, 48TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$12,660
NVR-R3-64T-G-S	BALTO R3 2U RACK MOUNT, 32GB RAM, 64TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$13,815
NVR-R3-80T-G-S	BALTO R3 2U RACK MOUNT, 32GB RAM, 80TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$15,055
NVR-R3-96T-G-S	BALTO R3 2U RACK MOUNT, 32GB RAM, 96TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$16,125
NVR-R3-120T-G-S	BALTO R3 2U RACK MOUNT, 32GB RAM, 120TB, QUAD 1GB NIC, P1000, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$18,825

Note: 10GbE SFP+ NIC option available on all R3 models. Contact sales.

Note: Balto R4 2U Rackmount Enterprise Network Video Recording Servers with Dual Intel Xeon Silver 4114; 64GB; up to 252TB RAID; P2000 GPU, etc. are available as well. Contact your LenelS2 representative for additional

Seneca Data Servers

Seneca Security products are surveillance and video management optimized solutions designed and validated for use with industry leading VMS, access control and analytics applications. All hardware includes a 3- or 5- year warranty backed by Dell's Next Business Day On-Site (NBDOS) hardware warranty.

Additional Seneca Data models and configurations are available for purchase beyond what is listed below. Please contact your LenelS2 sales representative for assistance.

All Seneca Data hardware requires the following: • End user name and email address • Full site installation address including city, state and zip

Confidence SQ100 1U Rackmount Small Business Video Storage Appliance

Intel I-Core (i3-8100) | Windows 10 IOT | 3-Year Warranty

Part #	Description	Cost
NVR-CFDSQR-4T-W10	SENECA SQ100 1U RACK MOUNT, 8GB RAM, 4TB, DUAL 1GB NIC, WIN10, 3-YR NBDOS WARRANTY	$2,265
NVR-CFDSQR-8T-W10	SENECA SQ100 1U RACK MOUNT, 8GB RAM, 8TB, DUAL 1GB NIC, WIN10, 3-YR NBDOS WARRANTY	$2,545
NVR-CFDSQR-12T-W10	SENECA SQ100 1U RACK MOUNT, 8GB RAM, 12TB, DUAL 1GB NIC, WIN10, 3-YR NBDOS WARRANTY	$2,990
NVR-CFDSQR-16T-W10	SENECA SQ100 1U RACK MOUNT, 8GB RAM, 16TB, DUAL 1GB NIC, WIN10, 3-YR NBDOS WARRANTY	$3,095

Note: i5-core processor and/or 8GB RAM option available. Contact sales.

Confidence 100 1U Rackmount Entry Level Video Storage Appliance

Intel I-Core (i3-8100) | Windows 10 IOT or Server 19 | 3-Year Warranty

Part #	Description	Cost
NVR-C100R-8T-W10	SENECA C100 1U RACK MOUNT, 8GB RAM, 8TB (7.5TB USEABLE), DUAL 1GB NIC, WIN10, 3-YR NBDOS WARRANTY	$4,265
NVR-C100R-16T-W10	SENECA C100 1U RACK MOUNT, 8GB RAM, 16TB (14.9TB USEABLE), DUAL 1GB NIC, WIN10, 3-YR NBDOS WARRANTY	$5,130

Note: Windows Server 19 option available. Contact sales.

Reliance 200 1U Rackmount Light Commercial Video Storage Appliance

Intel Xeon E-2124 | Windows 10 IOT or Server 19 | 5-Year Warranty

Part #	Description	Cost
NVR-R200-16T-W10	SENECA R200 1U RACK MOUNT, 16GB RAM, 16TB (11TB USEABLE RAID 5), DUAL 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$7,285
NVR-R200-24T-W10	SENECA R200 1U RACK MOUNT, 16GB RAM, 24TB (17TB USEABLE RAID 5), DUAL 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$7,715
NVR-R200-32T-W10	SENECA R200 1U RACK MOUNT, 16GB RAM, 32TB (23TB USEABLE RAID 5), DUAL 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$8,405
NVR-R200-40T-W10	SENECA R200 1U RACK MOUNT, 16GB RAM, 40TB (28TB USEABLE RAID 5), DUAL 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$9,470
NVR-R200-48T-W10	SENECA R200 1U RACK MOUNT, 16GB RAM, 48TB (34TB USEABLE RAID 5), DUAL 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$10,140

Note: Mem Upg, Dual OS drive, Win Serv 19 options available. Contact sales.

Seneca Data Servers (Cont'd)

Reliance 200D 1U Rackmount Light Commercial Video Storage Appliance

Intel Xeon E-2124 | Windows 10 IOT or Server 19 | Dual PSU | 5-Year Warranty

Part #	Description	Cost
NVR-R200D-16T-W10	SENECA R200D 1U RACK MOUNT, 16GB RAM, 16TB (11TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$8,530
NVR-R200D-24T-W10	SENECA R200D 1U RACK MOUNT, 16GB RAM, 24TB (17TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$8,970
NVR-R200D-32T-W10	SENECA R200D 1U RACK MOUNT, 16GB RAM, 32TB (23TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$9,650
NVR-R200D-40T-W10	SENECA R200D 1U RACK MOUNT, 16GB RAM, 40TB (28TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$10,715
NVR-R200D-48T-W10	SENECA R200D 1U RACK MOUNT, 16GB RAM, 48TB (34TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$11,385

Note: Mem Upg, Windows Server 19 options available. Contact sales.

Reliance 275 1U Rackmount Network Video Recording Servers

Intel Xeon E-2136 | RAID 5/6/10 | Windows 10 IOT or Server 19 | Dual PSU | 5-Year Warranty

Part #	Description	Cost
NVR-R275-16T-W10	SENECA R275 1U RACK MOUNT, 16GB RAM, 16TB (11TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$9,405
NVR-R275-24T-W10	SENECA R275 1U RACK MOUNT, 16GB RAM, 24TB (17TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$10,095
NVR-R275-32T-W10	SENECA R275 1U RACK MOUNT, 16GB RAM, 32TB (23TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$10,790
NVR-R275-40T-W10	SENECA R275 1U RACK MOUNT, 16GB RAM, 40TB (28TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$11,855
NVR-R275-48T-W10	SENECA R275 1U RACK MOUNT, 16GB RAM, 48TB (34TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$12,525
NVR-R275-56T-W10	SENECA R275 1U RACK MOUNT, 16GB RAM, 56TB (40TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$13,310
NVR-R275-16T-S	SENECA R275 1U RACK MOUNT, 16GB RAM, 16TB (11TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN10, 5-YR NBDOS WARRANTY	$11,120
NVR-R275-24T-S	SENECA R275 1U RACK MOUNT, 16GB RAM, 24TB (17TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$11,545
NVR-R275-32T-S	SENECA R275 1U RACK MOUNT, 16GB RAM, 32TB (23TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$12,240
NVR-R275-40T-S	SENECA R275 1U RACK MOUNT, 16GB RAM, 40TB (28TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$13,300
NVR-R275-48T-S	SENECA R275 1U RACK MOUNT, 16GB RAM, 48TB (34TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$13,975
NVR-R275-56T-S	SENECA R275 1U RACK MOUNT, 16GB RAM, 56TB (40TB USEABLE RAID 5), DUAL 1GB NIC, DUAL PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$14,755

Note: Mem Upg, P400 GPU, 4 X 1GB NIC, 10GbE SFP+ NIC options available. Contact sales.

Seneca Data Servers (Cont'd)

Assurance 300 Rackmount Network Video Recording Servers

Intel Xeon Silver 4210 | RAID 5/6/10 | Windows 10 IOT or Server 19 | 5-Year Warranty

Part #	Description	Cost
NVR-ASC-24T-W10	SENECA A300 2U RACK MOUNT, 32GB RAM, 24TB (15.3TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$10,940
NVR-ASC-32T-W10	SENECA A300 2U RACK MOUNT, 32GB RAM, 32TB (22.8TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$11,640
NVR-ASC-48T-W10	SENECA A300 2U RACK MOUNT, 32GB RAM, 48TB (38.1TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$12,765
NVR-ASC-64T-W10	SENECA A300 2U RACK MOUNT, 32GB RAM, 64TB (53.4TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$13,910
NVR-ASC-80T-W10	SENECA A300 2U RACK MOUNT, 32GB RAM, 80TB (68.6TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$15,285
NVR-ASC-96T-W10	SENECA A300 2U RACK MOUNT, 32GB RAM, 96TB (83.9TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$16,635
NVR-ASC-120T-W10	SENECA A300 2U RACK MOUNT, 32GB RAM, 120TB (104.9TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN10, 5-YR NBDOS WARRANTY	$19,875
NVR-ASC-24T-S	SENECA A300 2U RACK MOUNT, 32GB RAM, 24TB (15.3TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$12,475
NVR-ASC-32T-S	SENECA A300 2U RACK MOUNT, 32GB RAM, 32TB (22.8TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$13,180
NVR-ASC-48T-S	SENECA A300 2U RACK MOUNT, 32GB RAM, 48TB (38.1TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$14,310
NVR-ASC-64T-S	SENECA A300 2U RACK MOUNT, 32GB RAM, 64TB (53.4TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$15,465
NVR-ASC-80T-S	SENECA A300 2U RACK MOUNT, 32GB RAM, 80TB (68.6TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$16,850
NVR-ASC-96T-S	SENECA A300 2U RACK MOUNT, 32GB RAM, 96TB (83.9TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$18,210
NVR-ASC-120T-S	SENECA A300 2U RACK MOUNT, 32GB RAM, 120TB (104.9TB USEABLE RAID 5), QUAD 1GB NIC, SINGLE PSU, WIN SERV 19, 5-YR NBDOS WARRANTY	$21,470

Note: Mem Upg, P1000 or 2000 GPU, 10GbE SFP+ NIC options available. Contact sales.

Note: Seneca Certainty 400 2U Rackmount Enterprise Network Video Recording Servers with Dual Intel Xeon Silver 4114; 64GB; up to 252TB RAID; etc. available as special quote.

Vingtor-Stentofon by Zenitel

Vingtor-Stentofon by Zenitel Group is the world leader in intelligent communications. By utilizing secure and intelligible SIP devices, Zenitel provides solutions in IP intercom, Video intercom, Emergency Communications and Public Address. Below are some of the Zenitel solutions which can be incorporated in a unified solution with OnGuard.

**You can find the latest version of Stentofon (Zenitel) product pricing from 3rd party pricelist

All STENTO Parts required the following: • End user name, • Full site installation address including city, state and zip, and • MAC address if a license is being ordered

ICX-500 and License Components

Part #	Description	Cost
STENTO-TV2KIT	TURBINE VIDEO ENTRY KIT, WITH TCIV-2	$2,344.00
STENTO-1002000099	ICX-500 SYSTEM WITH 3 IP STATION LICENSES	$2,990.00
STENTO-1002600100	IP-STATION LICENSE	$365.00
STENTO-1002600200	IP-STATION LICENSE, CRM	$610.00
STENTO-1002600300	IP-STATION LICENSE, SOFTCLIENT	$850.00
STENTO-1002600700	SIP STATION LICENSE	$360.00
STENTO-1002602101	SIP TRUNKING, 2 LINES	$2,330.00
STENTO-1002604100	ENHANCED AUDIO MESSAGING LICENSE	$2,730.00

AlphaCom Servers

Part #	Description	Cost
STENTO-1009601003	AlphaCom XE1 Audio Serv.	$2,500.00
STENTO-1009608100	AlphaCom XE7 w/1 ASLT	$3,200.00
STENTO-ACXE7361202	XE7-6 IP ST.Lic & 1 ASLT	$4,971.00

Master Stations

STENTO-1008001000	IP desk master, display	$1,089.00
STENTO-1008007000	IP Desk Dual Display Station	$1,073.00
STENTO-1008015000	IP Cleanroom Station	$1,653.00
STENTO-1008031000	8031 IP Wall Master&Display	$1,140.00
STENTO-1008010100	IP 48-Key DAK Expansion Module for Control Room Master	$1,231.00
STENTO-1490001010	ITSV-1 IP Touch Station with Video	$565.00

Turbine IP Substations

STENTO-1008111010	TCIS-1,Yellow 1-Button w/M&C Keys, Audio only	$1,035.00
STENTO-1008111020	TCIS-2-SS 1-Button, Turbine audio only	$1,035.00
STENTO-1008111030	TCIS-3-Black 1-Button, Turbine audio only	$907.00
STENTO-1008111040	TCIS-4,Black 1-But w-Display, Turbine audio only	$1,098.00
STENTO-1008111050	TCIS-5,Black 2-But w-Display, Turbine audio only	$1,201.00
STENTO-1008111060	TCIS-6,Black Scroll-Display, Turbine audio only	$1,304.00
STENTO-1008115020	TCIV-2 Vandal/Stainless Steel, Turbine with video	$1,942.00
STENTO-1008115030	TCIV-3 Black Single Button, Turbine with video	$1,765.00
STENTO-1008115060	TCIV-6 Black Scrolling, Turbine with video	$2,118.00
STENTO-1008116010	TMIS-1, 1-Button, Turbine mini audio only	$702.00
STENTO-1008116020	TMIS-2, SS 1-Button Turbine mini audio only	$816.00

Vingtor-Stentofon by Zenitel (Cont'd)

Part #	Description	Cost
Turbine Kits		
STENTO-1008132020	TKIE-2 Turbine Extended Module	$938.00
STENTO-1008131020	TKIS-2 Turbine Station Kit	$493.00
STENTO-TV3KIT	Turbine Video Entry Kit with TCIV-3	$2,444.00
Emergency Stanchions and Wall Mounts		
STENTO-2809016000	1600 Deluxe Tower, Additional Customer Information Required when ordering	$6,409.00
STENTO-2809016010	1601 Econo Tower, Additional Customer Information Required when ordering	$4,729.00
STENTO-2809016020	1602 DeluxeWall, Additional Customer Information Required when ordering	$2,674.00
STENTO-2809016030	1603 Econo Wall, Additional Customer Information Required when ordering	$1,979.00
STENTO-2809016004	1600-04 Tower (OPT 4) w/ CCTV Mount Arm	$8,250.00
STENTO-2809016029	Deluxe Wall Unit-Slim	$2,674.00
STENTO-2809016039	Economy Wall Unit-Slim	$1,979.00
Mounting Plates and Back Boxes		
STENTO-1008140050	Turbine TA-5 Bracket for 2-gan	$45.00
STENTO-1072160000	1600 Series Turbine Sub Plate	$139.00
STENTO-1008140010	Surface Back box Turbine onwall box (TA-1)	$114.00
STENTO-1008140020	Flush Backbox Turbine TA-2	$29.00
STENTO-1008140120	Turbine Mini On Wall Back Box Black - TA-12	$130.00
STENTO-1008140130	Turbine Mini On Wall Back Box White - TA-13	$130.00
IC-Edge Licensing		
STENTO-1009661001	IC-Edge Intercom License, required for stations 33-64	$399.00
STENTO-1009661201	IC_Edge SIP Client Extention, Max of 10	$393.00
STENTO-1009662001	IC-Edge Telephone Gateway	$977.00
AlphaCom Licensing		
STENTO-1009291120	92911 AlphaPro Professional-USB	$3,015.00
STENTO-1009641001	9641-001 1 Station License	$519.00
STENTO-1009641006	9641-006 6 Station License	$2,174.00
STENTO-1009643001	9643-001 SIP Station License-1 User	$308.00
STENTO-1009643006	9643-006 SIP Station License-6 User	$1,841.00
STENTO-1009648011	Soft Client - 1 license	$856.00
STENTO-1009648012	Soft Client License - 6 licenses	$4,927.00
STENTO-1009648001	License to use CRMV	$679.00
STENTO-1009642002	9642-002 SIP Trunking 2-Lines	$2,847.00
STENTO-1009642004	9642-004 SIP Trunking 4-Lines	$3,851.00
STENTO-1009648501	Enhanced Auto Message License	$3,364.00
IP Gateways & Accessories		
STENTO-3006204094	MP-114 SIP Gateway	$999.00
STENTO-2200002000	MP-11x Rack Mounting Kit	$105.00

EasyLobby (Visitor Management)

EasyLobby SVM (Secure Visitor Management), provides comprehensive, enterprise-class visitor registration, tracking, reporting and badge printing, as well as web-based pre-registration by employees, access control integration, package and asset management, and employee time and attendance.

Part #	Description	Cost

Please note that Support and Maintenance are NOT included in initial purchase and should be purchased separately. The HID Easy Lobby Supplemental Order Form is required when purchasing Easy Lobby products.

Part #	Description	Cost
EL-96000-SVM10	SVM - Main Application (per client): includes Administrator TM (admin / reporting) [correlates to EasyLobby part number EL-96000-SVM10]	**$2,495**
EL-ADMIN	Administrator TM (additional licenses per workstation)[correlates to EasyLobby part number EL-96300-ADM10]	**$495**
EL-98000-EADV10	Web pre-registration (per web server)[correlates to EasyLobby part number EL-98000-EADV10]	**$2,995**
EL-SAT	Satellite TM - check point station (per client)[correlates to EasyLobby part number EL-96200-SAT]	**$995**
EL-SAT-MOBILE	Satellite Mobile TM - Wireless PDA[correlates to EasyLobby part number EL-SYM-MC7570SM]	**$3,500**
EL-SOS-NONK12	EasyLobby - Sex Offender screening (per station) - non K thru 12 schools [correlates to EasyLobby part number EL-SOS-NONK12]. Annual Subscription	**$675**
EL-HL-7	EasyLobby HL7 interface (hospital patient data) per customer	**$2,000**

EasyLobby Maintenance Plans

Part #	Description	Cost
EL-SSA-SVMS	EasyLobby - SVM annual maintenance per copy (includes all updates and upgrades)[correlates to EasyLobby part number EL-SSA-SVM]	**$450**
EL-SSA-ACIS	EasyLobby - A/C integration annual maintenance per copy (includes upgrades and updates)[correlates to EasyLobby part number EL-SSA-ACI]	**$540**
EL-SSA-EADVS	EasyLobby - eAdvance annual maintenance per copy (includes upgrades and updates)[correlates to EasyLobby part number EL-SSA-EADVS]	**$540**
EL-EADV-UPGRD	EADVANCE SOFTWARE UPGRADE TO LATEST VERSION	**$2,500**
EL-SVM10-UPGRD	SVM SOFTWARE UPGRADE TO SVM10	**$2,000**

EasyLobby Maintenance Plans (K-12 Only)

Part #	Description	Cost
EL-K12-SVM	EasyLobby SVM software for K-12 schools ONLY; includes Free Administrator software for admin and reporting [correlates to EasyLobby part number EL-K12-SVM]	**$1,500**
EL-SOS-K12	EasyLobby - Sex offender screening service [per station] - K thru 12 schools [correlates to EasyLobby part number EL-SOS-K12]. Annual Subscription	**$350**
EL-SSA-K12S	Software maintenance plan for K12 (for free updates and upgrades) per year per system [correlates to EasyLobby part number EL-SSA-K12]	**$200**

For Integration with OnGuard, please note that EL-OG-Int and EL-SWG-OITVM are required

Part #	Description	Cost
EL-OG-INT	EasyLobby Access Control Integration to OnGuard (per server) **[REQUIRED for OnGuard integration]** [correlates to EasyLobby part number EL-ACI-LENEL]	**$2,995**
EL-SWG-OITVM	SWG-OITVM and SWG-OITVM-5 bundle for EasyLobby **[REQUIRED for OnGuard integration]**	**$4,315**

For more product related information, please visit EasyLobby's product specific web links below:
http://www.easylobby.com/Products/SVM.html

BioConnect Biometric Readers Software
Biometric Fingerprint & Facial Recognition Products

http://www.lenel.com/solutions/open-integration/oaap/partners-products-search/suprema-readers

IMPORTANT:
LenelS2 now sells BioConnect versions of the Suprema readers. These readers have unique part numbers, and are licensed to work with BioConnect software. Product sourced through other channels will not work with BioConnect software!

Part #	Description	Cost
OnGuard BioConnect Software Options		
SWG-1415	BioConnect SW interface for biometric fingerprint authentication option **[Includes DataConduIT - SWG-1140]**	**$4,315**
BC-BSC	BioConnect Basic: required for all biometric device sales and installations from 1-20 devices. Includes 90 days of support from initial installation date.	**No Charge**
BC-STND	BioConnect Standard: required for all biometric device sales and installations from 21-50 devices. Includes 1 year of Support from initial installation date.	**$2,345**
BC-PRO	BioConnect Professional: required for all biometric device sales and installations from 51-100 devices. Includes 1 year of support from initial installation date.	**$5,470**
BC-ENT-MAS	BioConnect Enterprise Master Server: required for installations requiring a MAS/SAS architecture. Licensed to connect up to 300 biometric readers. Includes 1 year of support from initial installation date.	**$54,700**
BC-ENT-SAS	BioConnect Enterprise Slave Server: required for installations requiring a MAS/SAS architecture. Licensed to connect up to 300 biometric readers. Includes 1 year of support from initial installation date.	**$18,750**
BioStaton 2 (with built in Keypad and Reader Options)		
BC-BSH	BioStation 2 Fingerprint Biometric Reader, RFID (125kHz HID Prox), Optical Sensor (OP5), PoE, WiFi, IP65 rated, BASIC OnGuard OSDP Biometric support (Card+PIN only - No pinpad, led, or	**$1,730**
BC-BSI	BioStation 2 Fingerprint Biometric Reader, RFID (13.56MHz MIFARE, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC, ISO14443A/B, ISO15693), Optical Sensor (OP5), PoE, WiFi, IP65 rated, BASIC OnGuard OSDP Biometric support (Card+PIN only - No pinpad, led, or LCD emulation)	**$1,825**
BC-BSM	BioStation 2 Fingerprint Biometric Reader, RFID (13.56Mhz MIFARE, DESFire/EV1, FeliCa, NFC, ISO14443A/B, ISO15693), Optical Sensor (OP5), PoE, WiFi, IP65 rated, BASIC OnGuard OSDP Biometric support (Card+PIN only - No pinpad, led, or LCD emulation)	**$1,645**
BioEntry W2		
BC-BWA	BioEntry W2 Fingerprint Biometric Reader, MultiCLASS SE and Dual RFID (125kHz EM, HID Prox & 13.56Mhz MIFARE, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC, ISO14443A/B, ISO15693), Optical Sensor (OP5), PoE, Live Finger Detection, IP67, IK08, BASIC OnGuard OSDP Biometric support (Card+PIN only - No pinpad, led, or LCD emulation)	**$1,220**
BC-BWD	BioEntry W2 Fingerprint Biometric Reader, Dual RFID (13.56Mhz MIFARE, DESFire/EV1, FeliCa, NFC, ISO14443A/B, ISO15693. Also supports "EM" Prox. NO HID PROX!), Optical Sensor (OP5), PoE, Live Finger Detection, IP67, IK08, BASIC OnGuard OSDP Biometric support (Card+PIN only - No pinpad, led, or LCD emulation)	**$1,025**
BC-BWH	BioEntry W2 Fingerprint Biometric Reader, RFID (125kHz HID Prox), Optical Sensor (OP5), PoE, Live Finger Detection, IP67, IK08, BASIC OnGuard OSDP Biometric support (Card+PIN only - No pinpad, led, or LCD emulation)	**$1,095**

BioConnect Biometric Readers Software
Biometric Fingerprint & Facial Recognition Products (Cont'd)

Part #	Description	Cost
	BioLite N2	
BC-BNA	BioLite N2 Fingerprint Biometric Reader, MultiCLASS SE and Dual RFID (125kHz EM, HID Prox & 13.56Mhz MIFARE, DESFire/EV1, FeliCa, iCLASS SE/SR), Touch Keypad, 1.7" LCD IP67, 10:000 1:N, 10,000 1:1	**$1,385**
BC-BND	BioLite N2 Biometric Fingerprint reader/controller, Dual RFID (13.56Mhz MIFARE, DESFire/EV1, FeliCa, NFC, ISO14443A/B, ISO15693. Also supports "EM" Prox. NO HID PROX!), 2.4GHz BLE, Optical Sensor (OP6), IP67, PIN pad / 3 factor	**$1,135**
	BioEntry P2	
BC-BPA	BioEntry P2 Biometric Fingerprint Reader, MultiCLASS SE and Dual RFID (125kHz EM, HID Prox &13.56Mhz MIFARE, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC, ISO14443A/B,ISO15693), Optical Sensor (OP6)	**$930**
BC-BPD	BioEntry P2 Biometric Fingerprint Reader, Dual RFID (13.56Mhz MIFARE, DESFire/EV1, FeliCa, NFC, ISO14443A/B, ISO15693. Also supports "EM" Prox. NO HID PROX!), Optical Sensor (OP6)	**$825**
	Indoor Face Recognition Readers	
BC-FSA	FaceStation 2 Facial Recognition Touchless Biometric Reader. MultiCLASS SE and Dual RFID (125kHz EM, HID Prox & 13.56Mhz MIFARE, DESFire/EV1, FeliCa, iCLASS SE/SR), NFC, ISO14443A/B, ISO15693, WiFi, BLE (Bluetooth Low Energy)	**$2,245**
BC-FSD	FaceStation 2 Facial Recognition Touchless Biometric Reader. Dual RFID (13.56Mhz MIFARE, DESFire/EV1, FeliCa, NFC, ISO14443A/B, ISO15693. Also supports "EM" Prox. NO HID PROX!)	**$1,980**
	USB Fingerprint Enrollment for use with BioConnect Software [Not supported in OnGuard]	
BC-BIOMINI2	Second Generation Fingerprint Biometric USB enrollment scanner. Compatible with BioConnect 4.7 or above.	**$320**

Interlogix IFS Transmission Products

** Additional IFS Transmission products, including Media Converters, along with product pricing, can be found on Partner Center at https://partner.lenel.com/

Part #	Description	Cost
HARDENED SWITCHES		
NS2052-8P-2C	8 Port Unmanaged POE at Industrial Switch with 2 SFP ports.	$758.00
NS3550-8T-2S	8-Port 10/100/1000 Base-Tx Copper Ports + 2-Ports 100/1000 SFP Managed Switch - ERPS (-40~75℃) - Power 12-48VDC or 24VAC.	$1,500.00
NS3552-8P-2S-V2	8-port Gigabit PoE+ Industrial Managed Switch.	$1,900.00
NS3562-8P-2S	8-Port 10/100/1000Base-Tx IEEE802.3af/at Copper Ports + 2-Ports 100/1000 SFP Flat Wall Mount Managed Switch.	$1,640.00
NS3552-16P-2T-2S	16-Port 10/100/1000Base-Tx IEEE802.3af/at Copper Ports + 2-Ports 100/1000 SFP and 2-Ports 100/1000 RJ45 Managed Switc.h	$2,900.00
NS3553-4P-1T-2S	4 Port Industrial POE Ultra Managed Switch.	$1,198.00
PS48VDC100W-DIN	100-240V AC Input 48VDC 100W Power Supply with DIN rail mount.	$130.00
PS48VDC240W-DIN	100-240V AC Input 48VDC 240W Power Supply with DIN rail mount.	$290.00
PS48VDC480W-DIN	100-240V AC Input 48VDC 480W Power Supply with DIN rail mount.	$620.00
COMMERCIAL SWITCHES		
NS3502-8P-2T-2S	IPv4/IPv6 L2+/L4 Managed 8-Port 802.3at High Power PoE Gigabit Ethernet Switch + 2-Port 100/1000SFP + 2-Port 10/100/1000T RJ45 (200W).	$930.00
NS3503-16P-4C	IPv6/IPv4, 16-Port Managed 60W Ultra PoE Gigabit Ethernet Switch + 4-Port Gigabit Combo TP/SFP.	$2,200.00
NS3702-24P-4S-V2	24 Port Gigabit Managed Switch with POE PLUS (440W), 4 Shared SFP Ports, V2.	$1,930.00
NS4702-24P-4X-V2	24 Port POE-at Managed Switch with 4 Combo ports and LCD Display.	$3,000.00
NS4750-24S-4T-4X-V2	24 Port Gigabit SFP Switch, 4 10Gig Ports and L3 Routing.	$2,200.00
NS-10G-CBL-50	10G SFP+ Direct Attach Copper Cable - 0.5 Meters Stacking	$100.00
MEDIA CONVERTERS		
MC100FX-TX-POE	Ethernet to Fiber (2MM) 10/100 w/PoE Injector Media Converter.	$350.00
MC352-1P/1S	GIGABIT Ethernet To SFP Industrial Media Converter With POE-AT (-40 To 75 Degree C).	$750.00
MC352-4P-2S	4-Port GIGABIT Ethernet To 2-Port SFP Industrial Media Converter With POE-AT (-40 To 75 Degree C).	$1,050.00
IP & POWER OVER COAX		
POC2502-16CXP-2T-2S	16-port Power and IP over coax Managed Switch with 802.3at PoE+ and 2-port Gigabit TP and 2-port SFP 10/1000 ports (380W PoE Budget) - for use in conjunction with POC252-1CX-1P media converter.	$3,800.00
POC252-1CX-1P	1-Port Power and IP over coax with PoE-AT - to be used in conjunction with the IP over coax (POC Series) network switches and media converter.	$300.00
POC252-1CXP-1T	1-Port Power and IP over coax with POE-AT - for use in conjunction with POC252-1CX-1P media converter.	$300.00
POC2052-4P-1CX	4 Port POC Unmanaged Switch Camera End.	$718.00

CertiPath

TrustVisitor™ is a state of the art, enterprise visitor management platform designed specifically for Federal agencies who are utilizing HSPD-12/FIPS 201 physical access. It handles the complete lifecycle of a wide range of visitor and visit types including visitors attending meetings and conferences, mobile employees needing workspace, new and temporary contractors, as well as maintenance and facilities staff.

TrustVisitor™ allows employees to create events and associate visitors with an event. Email-based workflows allow visitors to enter their details ahead of arrival, allowing for pre-screening and pre-approval. The workflows also allow visitors to register compatible identity cards, such as Personal Identity Verification (PIV), Common Access Card (CAC), Personal Identity Verification – Interoperable (PIV-I), Commercial Identity Verification (CIV), etc. so that they can be used by TrustVisitor to authorize access to the facility hosting the meeting. Visitors without compatible cards can present government issued photo IDs and be issued temporary CIV cards for access to the facility. TrustVisitor also supports the issuance of temporary cards to employees who have forgotten or lost their permanent cards. TrustVisitor is the first visitor management platform to implement the latest visitor requirements in NIST SP 800-116-1.

TrustVisitor™ Features:
 - Web-based on premise or cloud application
 - Multi-tier architecture for performance and high availability
 - Mobile and Workstation UI
 - Integrates with Physical Access Control System (PACS), APL compliant validation systems, Identity Management Systems (IDMS) and Identity and Access Management (IAM) systems
 - Supports high availability data storage

TrustVisitor™ understands large agencies with numerous facilities. We have extensive integration with Active Directory(AD). TrustVisitor uses AD group membership for authentication, access control and authorization. It also uses the user location information as well as the meeting room data for visitor events. Your users will be given the most likely information to choose from, right from the beginning, saving time and avoiding frustration.

NOTE: Use IPC-054-CRTP-B on the partners section of this price book if you want to integrate Certipath but have not purchased Certipath software through LenelS2

Part #	Description	Cost
	CertiPath TrustVisitor Packages	
CTP-TVIST-500	TrustVisitor™ Perpetual Software: 500 - 999 Users (minimum quantity = 500) First Year of Annual Software Assurance Included **This must be ordered with IPC-309-CRTP01-B**	**$101**
CTP-TVIST-1000	TrustVisitor™ Perpetual Software: 1,000 - 2,499 Users *First Year of Annual Software Assurance Included* **This must be ordered with IPC-309-CRTP01-B**.	**$71**
CTP-TVIST-2500	TrustVisitor™ Perpetual Software: 2,500 - 4,999 Users *First Year of Annual Software Assurance Included* **This must be ordered with IPC-309-CRTP01-B.**	**$50**
CTP-TVIST-5000	TrustVisitor™ Perpetual Software: 5,000 - 9,999 Users *First Year of Annual Software Assurance Included* **This must be ordered with IPC-309-CRTP01-B.**	**$41**
CTP-TVIST-10000	TrustVisitor™ Perpetual Software: 10,000 - 24,999 Users *First Year of Annual Software Assurance Included* **This must be ordered with IPC-309-CRTP01-B.**	**$35**
CTP-TVIST-25000	TrustVisitor™ Perpetual Software: 25,000 - 49,999 Users *First Year of Annual Software Assurance Included* **This must be ordered with IPC-309-CRTP01-B.**	**$30**

CertiPath (Cont'd)

Part #	Description	Cost

CertiPath TrustVisitor Packages (Cont'd)

CTP-TVIST-50000
TrustVisitor™ Perpetual Software: 50,000 + Users
First Year of Annual Software Assurance Included
This must be ordered with IPC-309-CRTP01-B.
$26

CTP-CIV-1
CIV credential electronically provisioned by CertiPath with CAK and PAK Digital Certificates. These certificates will conform to the customer provided specifications as detailed in the CertiPath CIV credential specification form. The customer may select a single six digit PIN that all cards will be set to. That PIN can be reset by customer or integrator upon receipt using any standard PIV-applet tool (e.g., Windows). CIV cards come with generic topology (or can be left blank). Custom topologies available with additional fee. These CIV cards are intended for use in FICAM compliant Physical Access Control Systems.
This must be ordered with IPC-309-CRTP01-B
$90

IPC-309-CRTP01-B
This can only be ordered when Certipath Trusted Visitor is purchased through LenelS2. Use IPC-054-CRTP-B to integrate CertiPath TrustVisitor not purchased from LenelS2. This is a 1 YR base integration license on any OnGuard system. **[This integration license that MUST be ordered with the corresponding CTP-xxx part per System ID on the same PO and CANNOT be ordered unless Certipath Trusted Visitor is purchased through LenelS2]** This is automatically added to the required SUSP annually.
No Charge

CTP-TVIST-500M
TrustVisitor™ Annual Software Assurance: 500-999 Users (minimum quantity = 500).
$16.80

CTP-TVIST-1000M
TrustVisitor™ Annual Software Assurance: 1,000 - 2,499 Users
$11.80

CTP-TVIST-2500M
TrustVisitor™ Annual Software Assurance: 2,500 - 4,999 Users
$8.30

CTP-TVIST-5000M
TrustVisitor™ Annual Software Assurance: 5,000 - 9,999 Users
$6.80

CTP-TVIST-10000M
TrustVisitor™ Annual Software Assurance: 10,000 - 24,999 Users
$5.80

CTP-TVIST-25000M
TrustVisitor™ Annual Software Assurance: 25,000 - 49,999 Users
$5.00

CTP-TVIST-50000M
TrustVisitor™ Annual Software Assurance: 50,000+ Users
$4.30

Chapter 6: Service Offerings

LenelS2 Learning
VAR & Direct Support User Program Pricing

To streamline the training registration process, we created the Lenel Learning Credits program, which enables you to purchase training at the same time you buy Lenel hardware, software or services. This not only lets you identify training needs as soon as you purchase new equipment, but also helps reduce expense reimbursements since you can create a single training budget and purchase order.

The fixed-price **Lenel Learning Credits** are easy to redeem and can be bought in bulk, saved for future courses, or resold for system-user training. Since learning credits can be redeemed for any form of Lenel training - from eLearning to instructor-led classes - buying in bulk is a great way to simplify your administrative process and save time and money.

Managing Lenel Learning Credits is simple and easy through the Lenel Partner Center. This user-friendly interface lets you quickly view your learning credits balance, review account transactions, and generate reports. Feel free to contact our dedicated training staff at **learning@lenels2.com** to develop a tailored program that gets you the training you need while optimizing your learning credits balance.

For more information, go to : **www.lenels2.com/training**

Part #	Description	Cost
	Lenel Training Center-Based Programs	
	(Rochester, NY ; Costa Mesa, CA ; Bradenton, FL)	
LGE-LLC	Lenel Learning Credit	**$1,000**
	Regional Training Center-Based Programs	
LGE-00R	Instructor Regional Travel Expense Surcharge (PER STUDENT)	**$400**
	Regional Course Offerings can be found at : **www.LenelS2.com/training**	
	Onsite Programs	
LGE-00X	Onsite Training Expense Surcharge (PER WEEK) Includes instructor expenses, access control hardware, student laptop rental, and network equipment rental for up to 15 students.	**$13,750**
LGE-LLC-Custom	**Ccustomization of course content available on request. Requests require a pre-training planning call with the customer contact to determine customization needs and estimate of effort (hourly rate).**	**$90**

LenelS2 Learning
Classroom Training

Our experienced instructors pride themselves on making traditional classroom learning fresh, dynamic and approachable. We offer hundreds of courses each year across multiple time zones and locations to accommodate almost any need and preference. Classroom training provides the results-driven learning that's especially convenient and cost-effective for larger groups. We'll even work with you to set up on-site training courses at your facility, a customer site, or an alternate location.

OnGuard Certification Program Courses (VAR & Direct Support Users)

Part #	Course Name	Legacy Equivalent	# of learning credits	Cost
LGE-CORE	OnGuard Hardware & Software Fundamentals	CR1000 CR2000	3.0	$3,000
LGE-ACCESS	Advanced Access Control	CR3000	1.8	$1,800
LGE-BIOMETRICS	Credentialing Technology & Biometrics	CR5000	0.6	$600
LGE-ENTERPRISE	Enterprise Overview	CR7000	1.2	$1,200
LGE-WIRELESSLOCKS	Wireless Lock Technology	CR5650	0.6	$600
LGE-VIDEO	Digital Video	CR4000	1.8	$1,800
LGE-INTRUSION	Intrusion		1.2	$1,200
LGE-NGP	Next Generation Panel	CR6100	1.2	$1,200
LGE-DATABASE	Database		0.6	$600
LGE-DATAEXCHANGE	DataExchange		0.6	$600
LGE-DATACONDUIT	DataConduIT		0.6	$600
LGE-CUSTOMREPORTS	Custom Reports		0.6	$600
LGE-DESIGNARCHITECT	Design Architect		3.0	$3,000

OnGuard System Administrator Courses

Part #	Course Name	Legacy Equivalent	# of learning credits	Cost
LGE-SPECIALIST	System Administrator Specialist	CR2500 CR3500 CR4500	3.0	$3,000

Other Courses

Part #	Course Name	Legacy Equivalent	# of learning credits	Cost
LGE-PP	Picture Perfect	TRG-7077	3.0	$3,000
LGE-FC	FCWnx	TRG-6062	2.4	$2,400
LGE-PP2OG	Picture Perfect to OnGuard Migration	CR2800	1.8	$1,800

*learning credit calculation for each course is based on training contact hours and is subject to change at any time.

LenelS2 Learning
Web Based eLearning Training

eLearning (eL)

Lenel offers Web-based training – flexible online elearning options to access courses from the home, office or on the road in:

Modules that keep you up-to-date on product release versions--staying up-to-date with the latest versions of Lenel hardware and software, students are required to complete courses that keep their knowledge, skills and abilities current. Each time a new version of a Lenel product is released, students are required to complete the corresponding distance learning course within 120 days.

For those wanting to learn more about specific topics covered in their instructor-led courses, our web-based eLearning classes provide additional in-depth, technical exploration of key topics. Prerequisite content is also available through eLearning modules, allowing classroom time to focus more exclusively on key hands-on topics and examples while reducing travel time and expenses for students. We continue to expand our eLearning offerings based on positive feedback and course demand, giving you more ways than ever to access industry-leading instruction. Courses are available any time, day or night, along with an easy-to-use web portal that lets you track your progress and create customized reports.

Please follow the link to see our elearning course schedule and the number of CEUs required:
http://elearning.lenel.com

Software Upgrade and Support Plans (SUSP)

SUSP is purchased by an Authorized Reseller for a specific End User site and available after the expiration of the manufacturer's warranty, which makes available to you every commercially released version of OnGuard software, as well as our standard telephone technical support.

Part #	Descriptions	Cost
32 ES Base System		
SUSP-W-ES	32ES SUSP PLAN. Covers 32ES, 32ESI, IDES Systems, GO-ES & GO-ESI systems	**$170**
ADV Base Systems		
SUSP-ADV-TR-1	ADV SUSP PLAN - Tier 1; 64-128 Readers. Covers ADV / ADVI / IDADV Systems	**$1,635**
SUSP-ADV-TR-2	ADV SUSP PLAN - Tier 2; 129-192 Readers. Covers ADV / ADVI Systems	**$2,240**
SUSP-ADV-TR-3	ADV SUSP PLAN - Tier 3; 193-256 Readers. Covers ADV / ADVI Systems	**$2,845**
PRO Base Systems		
SUSP-PRO-TR-1	PRO SUSP PLAN - Tier 1; 128-256 Readers. Covers PRO / IDPRO / PROI Systems	**$4,480**
SUSP-PRO-TR-2	PRO SUSP PLAN - Tier 2; 257-512 Readers. Covers PRO / PROI Systems	**$6,900**
SUSP-PRO-TR-3	PRO SUSP PLAN - Tier 3; 513-1024 Readers. Covers PRO / PROI Systems	**$9,310**
SUSP-PRO-TR-4	PRO SUSP PLAN - Tier 4; 1025-2048 Readers. Covers PRO / PROI Systems	**$14,140**
SUSP-PRO-TR-5	PRO SUSP PLAN - Tier 5; 2049 or more Readers. Covers PRO / PROI Systems	**$20,700**
Enterprise Base Systems		
SUSP-ENT-MAS	Enterprise Master SUSP PLAN - Covers Enterprise Master Server	**$11,040**
SUSP-ENT-REG-TR-1	Enterprise Region SUSP PLAN - Tier 1; 128-256 Readers. Covers ENTREG1 Systems	**$4,480**
SUSP-ENT-REG-TR-2	Enterprise Region SUSP PLAN - Tier 2; 257-512 Readers. Covers ENTREG1 Systems	**$6,900**
SUSP-ENT-REG-TR-3	Enterprise Region SUSP PLAN - Tier 3; 513-1024 Readers. Covers ENTREG1 Systems	**$9,310**
SUSP-ENT-REG-TR-4	Enterprise Region SUSP PLAN - Tier 4; 1025-2048 Readers. Covers ENTREG1 Systems	**$14,140**
SUSP-ENT-REG-TR-5	Enterprise Region SUSP PLAN - Tier 5; 2049 or more Readers. Covers ENTREG1 Systems	**$20,700**
Enterprise Lite Base Systems		
SUSP-W-ENT-MAS-LT	Enterprise Master Lite SUSP PLAN; covers up to 64 readers	**$5,520**
SUSP-W-ENT-REG-LT	Enterprise Region Lite SUSP PLAN; covers up to 64 readers	**$2,760**
SUSP-W-ENT-REG-SM	Enterprise Region Small SUSP PLAN; covers up to 32 readers	**$430**
Integrated Video Additions		
SUSP-DV	DV Channel SUSP PLAN; SW support for each single video channel licenses Includes LNVR / LDVR / HVR / Integrated GO channels, Integrated TruVision channels, OAAP channels	**$17**
Stand-Alone Video Systems		
SUSP-VO	Video Only SUSP PLAN - SW support for Video Only Systems [SWS-DV purchases] SUSP-DV required for QTY of cameras on Video Only System.	**$87**
Stand-Alone Video Additions		

Technical Support Add-on Options

Part #	**Descriptions**	**Cost**
	Direct System User Support Plans	

Requires current SUSP. Caller(s) must have achieved certification prior to purchase. Calls are limited to software support only. Hardware installation and/or repair support along with software upgrade support are not included. (During normal business hours only.)

Note: The Software Upgrade and Support Plan must be current in order to qualify for Direct OnGuard System User Support.

Part #	**Descriptions**	**Cost**
SUDS-NES-32	OnGuard User Direct Technical Support for 32ES/32ESI systems	**$850**
SUDS-NES-64	OnGuard User Direct Technical Support for ADV & ADVI systems	**$1,833**
SUDS-NES-PRO	OnGuard User Direct Technical Support for PRO & PROI systems	**$4,500**
SUDS-NES-VID	OnGuard User Direct Technical Support for OG Video Only systems	**$170**
SUDS-NES-ENT-LT	OnGuard User Direct Technical Support for Enterprise Lite systems or Enterprise systems with two regions or less.	**$7,500**
SUDS-NES-ENT	OnGuard User Direct Technical Support for Enterprise customers	**$12,500**
	Emergency 24 x 7 Support Plans	

Emergency support is reserved exclusively for emergencies only limited to system down or major feature failure. Software upgrades during off-hours are a planned activity and do not constitute an emergency and/or emergency coverage under this plan. (**Note:** The Software Upgrade and Support Plan must be current in order to qualify for Emergency support plan by site).

Part #	**Descriptions**	**Cost**
TSS-ESP-32	Emergency Technical Support for 32ES or 32ESI systems	**$1,000**
TSS-ESP-64	Emergency Technical Support for ADV or ADVI systems	**$3,350**
TSS-ESP-PRO	Emergency Technical Support for PRO or PROI systems	**$8,000**
TSS-ESP-ENT-LT	Emergency Technical Support for Enterprise Lite systems or Enterprise systems with two regions or less	**$14,670**
TSS-ESP-ENT	Emergency Technical Support for Enterprise systems with three or more regions	**$18,670**
	Hourly Support Rates	
TSS-HRLY-1	Two hour minimum, one hour increments after. Hourly per incident rate for certified VAR callers from sites without valid Annual Software Upgrade and Support Plan.	**$333**
TSS-CUSTOM	Custom quote for unique services requested by the customer.	**Call For Quote**

How to create an accurate SUSP quote:
1. Determine the appropriate Base System. This is the SUSP Base Price.
2. Include any Integrated Video Additions that are listed on the license file.
3. Include any Technical Support Add-on Options.
4. Add the Base Price and all additions/options to determine the total SUSP quotation price.

*If the System is a Multi-Server Enterprise System, the Base Price is either the Enterprise Master or Redundant configuration Enterprise Master. Additions would be each type of Enterprise Region (REG, REG-REDU, REG-LT, REG-LT-REDU, REG-SM, REG-SM-REDU). Add unit pricing per each Region or Redundant Region.

NOTE:
Lapsed SUSP Coverage: For any System that has allowed their Software Upgrade and Support Plan to lapse in continuous coverage. In this case, a System is allowed to upgrade to the latest software version available by purchasing a Support Plan for each year of support needed to bring the System-User's system current. For example, the SUSP coverage expired on 10/1/2014. One SUSP must be purchased for each year in order to bring the system up to a valid one year support plan (Base System + SUSP Additions). If the current date is 8/1/2016, then three years' worth of SUSP must be purchased to bring the system current, and the new expiration date will be 10/1/2017. Software only upgrades are not sold separately.

Custom Solutions(CS)

Due to the flexible nature of services offered by the Lenel Custom Solutions group, custom quoting will be required for most integration services ordered. Please submit inquiries using the online form available at https://services.lenel.com to receive a quote or request information.

(Note: Travel related expenses are not included in prices listed for on-site services).

Part #	Descriptions	Cost
CS-EXP	CS Daily expenses	Call For Quote
CS-DEV-CUST	Custom Development Integration	Call For Quote
CS-PRI-SCH	Custom Solutions Priority Scheduling	$10,672
CS-EMR-SCH	Custom Solutions Emergency Scheduling	$19,500
CS-DEV-SOL	Custom Solutions will develop a detailed scope and design for a proposed solution. Includes requirements gathering workshops with the VAR and/or End User as needed. Development costs of the proposed solution will be discounted by 20% up to 100% of CS-DEV-SOL costs.	$3,340
CS-LIC-SWP	Migration of Custom Solutions DataConduit to OpenAccess licensing. To be used when a DataConduIT Custom Solution is converted to OpenAccess.	No Charge

Directory Sync
Important Note: To order Directory Sync, **BOTH** of the following part numbers **MUST** be ordered. We will not accept an order without **CS-DEV-AD** and **PES-DEPLOY** included.

CS-DEV-AD	Active Directory Synchronization. Includes: CS-1140 (DataConduIT Client License), first year Custom Solutions Software Support.	$6,700
PES-DEPLOY	Deployment assisstance for Directory Sync. Mandatory service, not customer deployable.	$6,700

Add-On Integrations

CS-DEV-FTMON	NEC Fault Tolerant Server Monitor (requires SWG-1140)	$2,670
CS-DEV-CDR	Custom Solutions Clean/Dirty Reader Integration. Contamination prevention through the use of rules-driven hazardous and clean area access restrictions. Includes: CS-DEV-CDR license, CS-1140 (DataConduIT Client License), remote installation support, first year Custom Solutions Software Support.	$13,340
CS-RNDM-SCRN	Custom Solutions Random Screening Integration. Random selection of Cardholders for additional screening as they enter and/or exit the facility. Includes: CS-1140 (DataConduIT Client License), remote installation support, first year Custom Solutions	$13,340
CS-OCC-BRD	Browser based solution that enables near real-time configurable view of who is currently in an OnGuard area including photos. Warns when an area is in muster.	$6,670
CS-DEV-SYSLOG	Syslog Export Integration - includes DataConduIT, DataConduIT Message Queue, 1 Deployment, 1st year CS SUSP	$13,340
CS-DEV-PURGE	Configurable Event Log Purge - includes OpenAccess License, 1 Deployment, 1st year CS SUSP	$13,340
CS-DEV-MRCD	Multi Reader Card Display (Swipe & Show) - includes OpenAccess License, 1 Deployment, 1st year CS SUSP	$13,340

Custom Solutions(CS) - (Cont'd)

Elevator Integrations

CS-KONE-DOP	KONE Destination Dispatch Integration. Includes: CS-1140 (DataConduIT Client License), remote installation support, first year Custom Solutions Software Support.	**$20,000**
CS-KONE-TS	KONE Turnstile Integration. Includes: CS-1140 (DataConduIT Client License), remote installation support, first year Custom Solutions Software Support.	**$20,000**
CS-KONE-ALL	KONE Destination Dispatch Integration & KONE Turnstile Integration. Includes: CS-1140 (DataConduIT Client License), remote installation support, first year Custom Solutions Software Support.	**$33,340**
CS-ELVDB-SCHIND	Schindler Elevator Cardholder Database Integration. Includes: CS-1140 (DataConduIT Client License), remote installation support, first year Custom Solutions Software Support.	**$13,340**
CS-ELVT-SCHIND	Schindler Elevator Turnstile Integration. Includes: CS-1140 (DataConduIT Client License), remote installation support, first year Custom Solutions Software Support.	**$20,000**
CS-MITS-DOP	Mitsubishi Elevator DOP/ELI Integration. Includes: OpenAccess license, remote installation support, first year Custom Solutions Software Support.	**$20,000**

Legacy Synchronization

CS-DEV-FC2OG	FcWnx to OnGuard sync	**Call For Quote**
CS-DEV-OG2FC	OnGuard to FcWnx sync	**Call For Quote**
CS-DEV-D2OG	Diamond II to OnGuard sync	**Call For Quote**

Custom Solutions Support Options

CS-SUSP-STND	Standard Custom Solutions integration support. Includes recertification for OnGuard upgrades. Does not include deployment.	**Call For Quote**

Professional Engineering Services (PES)
Policies, Guidelines and Services

Professional Engineering Services has been designed to complement Lenel's Value Added Resellers (VARs) with multiple levels of assistance. Professional Engineering Services works closely with VARs, so that comprehensive service offerings are available for OnGuard End Users.

In order to receive PES services, an official quote request must be initiated through the Partner Center or directly through the following link:

https://services.lenel.com

Prices listed below are for budgetary purposes only and may vary depending on the scope of work. An official PES quote is required for scheduling. For more information, call Lenel and select Professional Engineering Services from the main menu.

A minimum lead time of 4-6 weeks should be considered for PES scheduling.

Availability may vary based on current demand. PES projects are scheduled for normal business hours, 8:30am-5:30p.m., M-F based on the location of the Systems Engineer, unless specified in the scope of work. Contact Lenel PES prior to committing dates to your End User. To ensure availability of PES service for a desired date, it is recommended that scheduling be done at time of order. PES cannot schedule any project dates without an official purchase order. The purchase order must include a line item for expenses for all projects requiring onsite activity.

For On-site Deployments:

Domestic Travel:
• Travel expenses are invoiced at a fixed rate line item PES-00X.

International travel:
  • Will have expenses billed at an actual rate under line item PES-00X.
  • Is subject to additional in-transit charges (up to 4) and charges for VISA requirements.
  • Charges may be waived in exchange of business class travel for flights greater than 8 hours in duration.

The PES travel policy can be located here: https://ps.lenel.com/RFQ/TravelPolicy.aspx

For more information please contact the Professional Services Group at PES@lenel.com.

Standard Part Numbers

Part #	Descriptions	Cost
PES-EC-D	Daily rate	$2,670
PES-EC-D-P	Project rate	Call For Quote
PES-00X	Daily expenses (fixed rate)	Call For Quote
PES-011	In-transit and labor charge	$1,340
PES-OTD	Overtime (per hour)	$590
PES-CNL	Cancellation Fee per day	$1,070

Professional Services: Level 1 Services

Part #	**Descriptions**	**Cost**

OnGuard Installation And Deployment Packages

Description of Service: PES is able to assist in the deployment of your future OnGuard Systems. OnGuard Enterprise systems will require a planning session prior to deployment. Service includes deployment of supported database and OnGuard products.

PES-IDP-PROI	PRO Installation and Deployment Package	**$4,670**
PES-IDP-ENTL	Enterprise 2 Regions or less Install and Deployment Package	**$6,000**
PES-IDP-ENT	Enterprise 3-5 Regions Install and Deployment Package	**$7,340**
PES-IDP-CFQ	Enterprise 6 or more Regions Install and Deployment Package	**Call For Quote**

OnGuard Upgrade Packages

Description of Service: OnGuard upgrades can be performed either through Remote or On-site involvement. Remote upgrades can be accomplished through either an outside Web connection, or via a VPN connection. An upgrade test is required prior to production upgrade involvement. There will be an expected lead-time for onsite scheduling due to in-house testing.

PES-UPG-PROI	PRO Software and Database Upgrade	**$8,000**
PES-UPG-ENTL	Enterprise 2 Regions or less Software and Database Upgrade	**$9,340**
PES-UPG-ENT	Enterprise 3 - 5 Regions Software and Database Upgrade	**$12,000**
PES-UPG-CFQ	Enterprise 6 or more Software and Database Upgrade	**Call For Quote**

Remote Upgrade Standby Support

Description of Service: OnGuard Remote Standby Support will provide added assurance to the success of your upgrade where manufacturer support is desired at a lesser capacity. A remote connection is required for the length of standby support. Service requires a copy of production database(s) for an in-house upgrade bench test and a project plan. Upgrade Standby Support is purchased for an allocated period on an "as needed" basis for unforeseen issues. PES will provide best effort support to resolve the issue. If PES cannot resolve the issue and Engineering assistance is required, Engineering Support through an Engineering Escalation is available during normal business hours through Lenel Technical Support.

PES-RMT-SUP	Remote Upgrade Support (call for quote)	**Call For Quote**

OnGuard System Assessment

Description of Service: A standard system assessment includes a system inspection of all base aspects of the OnGuard install. System Assessment can be performed either through Remote or On-site involvement. System Assessment can be completed prior to upgrade or annually as part of a yearly maintenance plan.

PES-SRA-PROI	PRO System Assessment	**$6,400**
PES-SRA-ENTL	Enterprise 2 Regions or less System Assessment	**$6,400**
PES-SRA-ENT	Enterprise 3 - 5 Regions System Assessment	**$8,670**
PES-SRA-CFQ	Enterprise 6 or more System Assessment	**Call For Quote**

OnGuard Factory Acceptance Test (FAT)

Description of Service: Lenel Professional Services offer a comprehensive test of all system functionality prior to deployment of a system in a production environment. A default FAT test of the basic OnGuard system is provided with this service. Custom modules can be developed and added per customer specification at an additional charge. Enterprise test beds will cover up to 2 Regions for testing. (Sample FAT documentation is available on the PS RFQ site)

PES-FAT-PROI	PRO/ES/ADV Factory Acceptance Test (FAT)	**$6,400**
PES-FAT-ENT	Enterprise 1-5 Regions Factory Acceptance Test (FAT)	**$8,670**
PES-FAT-CFQ	Enterprise 6 ore more Regions Factory Acceptance Test (FAT)	**Call For Quote**

Professional Services: Level 2 Services

Part #	**Descriptions**	**Cost**

Level 2 Standard Part Numbers

PES-PRI-SCH	Priority Scheduling Fee (between 3 and 10 days travel notice)	**$6,670**
PES-EMR-SCH	Emergency Scheduling Fee (less than 3 days travel notice)	**$16,000**
	** PES escalated service availability is not guaranteed and is dependent on current project scheduling and the ability to shift project schedules.	

OnGuard Planning Sessions

Description of Service: This program ensures that all the proper elements, processes, personnel and maintenance tasks are properly planned and addressed prior to the deployment of the system. The Lenel PES group will provide recommendations to properly plan, deploy and maintain your future OnGuard Systems.
*Note Required for OnGuard Enterprise Systems

PES-EPS-ENT	Enterprise Deployment Planning Session [Required for OnGuard Enterprise]	**$7,340**

One-Time Import from a Database

Description of Service: Lenel PES offers a service to write a one-time script to import Cardholders, Cardholder Photos, Badges and Access Levels into your OnGuard system from third-party systems . This service supports imports from MS SQL or Oracle databases. A flat text file can be used for the import as well. Hardware, system options and/or configurations will not be included in this process. In the event that the site does not own a DataExchange license, temporary use will be allowed for deployment.   All scripts used are strictly for one-time use only and will not be supported following PES involvement. If the source data is not clearly defined, additional chargeable PES time may be required.

PES-DE-OT1	One-time DataExchange import from 1 database into a blank database	**$4,670**
PES-DE-OT2	One-time DataExchange import from 1 database into an existing database	**$7,340**
PES-DE-CFQ	One-time DataExchange import from 2 or more Databases	**Call For Quote**

Video Services Assessment

Description of Service: A standard system assessment includes a system inspection of all base aspects of the OnGuard Digital Video environment (Documentation of existing DVR's, camera's, video configurations, bandwidth needs, patches, etc.) System Assessment can be performed either through Remote or On-site involvement. A DV System Assessment will assist with outlining current issues within the DV environment with a complete write up with recommendations to correct any found issues or areas of concern.
* = Recorders cover LNVR's, HVR's, DVR's

PES-DVA-DLT	OnGuard Digital Video Assessment (Audit) Survey 0-10 recorders *	**$3,340**
PES-DVA-CFQ	OnGuard Digital Video Assessment (Audit) Survey 10 more recorders *	**Call For Quote**

PES Digital Video Planning Session

Description of Service: This program ensures that all the proper elements, processes, personnel and maintenance tasks are properly planned and addressed prior to the deployment of the digital video solution. The Lenel PES group will provide a comprehensive workbook which will compliment the planning session and outline all recommendations based on Lenel's standards for DV deployments. A follow up call will be performed to discuss any items that do not align with deployment standards.

PES-DVP-PLN	OnGuard Digital Video Planning Session	**$4,670**

Professional Services: Level 2 Services (Cont'd)

NEC Deployment Service

Part #	Descriptions	Cost
PES-NEC-LAN-WAN	Pre-planning; remote NEC ExpressCluster LAN or WAN Deployment and Post Project Support per Cluster. Remote connection to site required for deployment. (Add PES-00X for OnSite Deployment.)	**$8,000**
PES-NEC-PLANNING	Remote Pre-Planning session for LAN or WAN Systems	**$1,070**

NEC Upgrade Service

Description of Service: Lenel Professional services will assist the VAR with planning an NEC upgrade to a current version of the NEC ExpressCluster solution. An NEC ExpressCluster upgrade plan must be purchased separately prior to PES engagement.

PES-NEC-UPG	PES onsite or remote assistance with an NEC ExpressCluster upgrade. *Requires the purchase of a separate NEC Support Plan.	**$5,340**

NEC Inspection and Certification

Description of Service: Lenel Professional services offer a comprehensive test of all system functionality prior to deployment of a system in a production environment. A default acceptance test of the basic OnGuard system is provided with this service. Certification includes verification of cluster configurations (IP addressing, drive settings, resource allocation) to manufacture's specifications. Script review and full functional testing followed by an assessment outlining any concerns in regard to system findings with recommendations to resolve. On-Site involvements will incur additional charges related to travel expenses.

** Additional support options are available through Lenel Professional Services (listed below)

PES-NEC-INS	NEC Inspection and Certification - 1 Cluster	**$3,200**
PES-NEC-INS-CFQ	NEC Inspection and Certification - 2 or more Clusters	**Call For Quote**

Professional Services: Level 3 Services

OnGuard Database Conversion

Description of Service: Lenel PES offers services to migrate your OnGuard database platform from Oracle to SQL platform. This service includes in house migration testing based on a backup of the database for testing purposes. Lenel will conduct the test conversion in-house and provide the end user with a production project plan to include timelines based on test results. At point of deployment PES can perform the conversion either remotely or onsite.

**An Oracle DBA must be available onsite at point of migration.

Part #	Descriptions	Cost
PES-CON-ORA	Database Conversion - Oracle to SQL	**$16,340**

OnGuard Migration

Description of Service: Lenel PES offers a service to migrate your standalone systems into a multi-Region Enterprise system. PES will assist with outlining specific considerations for migrating one or more standalone systems into a distributed Enterprise system. Database backups will need to be sent to Lenel to perform migration testing. A project plan will be created for review based on testing results.

PES-MIG-1DP	OnGuard Migration - OnGuard PES ES/ADV/PRO Standalone to OG Enterprise	**Call For Quote**

Professional Services: Level 3 Services (Cont'd)

Facility Commander WnX Upgrades

Description of Service: LenelS2 PES offers services to assist our VARs with migrating their Diamond, Diamond II, Sapphire, Secure Perfect v3.1 through 6.1.1, FCWnx 7.6 or earlier PRO, Enterprise or Global systems to FCWnX 7.7

PES-DII-FCWNX	SecurePerfect v3-v6, Diamond II v. 2.3 or older versions of FCWnX upgrade to the current version of FCWnX. Database is submitted to PES for upgrade.	**$2,670**
PES-LGCY-FCWNX	Sapphire Pro or Diamond I Upgrade to current version of FCWnX. Database is submitted to PES for upgrade.	**$5,340**

Facility Commander Wnx to OnGuard Migration

Description of Service: LenelS2 PES offers services to assist our VARs with migrating their legacy Diamond, Diamond II, Sapphire, Secure Perfect v3.1 through 6.1.1, FCWnx Pro or Enterprise systems into OnGuard 32/ES, ADV, or PRO systems. **Please note: ** A completed Migration Worksheet and P.O. for services must be submitted prior to scheduling **

For FCWnx global systems please contact the migration team at migration@lenel.com

PES-FC2OG-CDHB	Cardholder and hardware(where applicable) conversion to OnGuard ES/ADV/PRO from FCWnx 7.7	**$4,000**
PES-FC2OG-LEGACY	Cardholder and hardware(where applicable) conversion to OnGuard ES/ADV/PRO from Diamond, Diamond II, Sapphire, Secure Perfect, or FC 7.6 or earlier	**$6,670**
PES-FC2OG-MERGE	Database merge then cardholder and hardware(where applicable) conversion to OnGuard ES/ADV/PRO from FCWnX 7.7	**Call For Quote**

Picture Perfect to OnGuard Migration

Description of Service: LenelS2's Professional Engineering Services (PES) team provides customers with a series of tools and services to ensure a smooth transition from Picture Perfect to OnGuard. Picture Perfect systems are typically larger systems, most are complex, and have a large geographic footprint. Therefore, PES services are required when migrating a Picture Perfect customer to OnGuard. The services are defined in 3 phases. Phase 1 is offered free of charge. Phase 2 and 3 are priced according to system size. **To begin the process and request a Migration Worksheet please contact ppmigration@lenel.com.**

Prerequisite Note: Four (4) items are required before scheduling PES services for Phase 2 and 3 :

1) A completed Migration Worksheet
2) A PP database backup from the customer and review of data after the prequalification tools are run
3) Approval to proceed from the customer's assigned PES Project Manager
4) A Purchase Order for services submitted by the VAR

PES-PP2OG-MRK	PP2OG Migration Readiness Kit	**No Charge**
PES-PP2OG-PTK-SM	PP2OG Planning and Testing Services for PP systems with 512 readers or less	**$12,160**
PES-PP2OG-PTK-LG	PP2OG Planning and Testing Services for PP systems with over 512 readers	**$24,960**
PES-PP2OG-MDK-SM	PP2OG Migration Deployment Services for PP systems with 512 readers or less	**$13,680**
PES-PP2OG-MDK-LG	PP2OG Migration Deployment Services for PP systems with over 512 readers	**$28,080**

OnGuard Hardening

Description of Service: LenelS2 Professional Services understand the criticality of protecting your systems and data. We are available to help our VARs and End Users understand and apply the guidelines outlined in OnGuard's Hardening Guide. Both remote and onsite hardening support is available.

PES-HRB-CFQ	PES will apply application level hardening has outlined in the hardening guide to application servers.	**Call For Quote**
PES-HRA-CFQ	PES assistance with implementing advanced level hardening	**Call For Quote**

Program Management

Description of Service: LenelS2 Professional Services is now offering Program Management for customers who need multiple Advanced Services projects over a 6-12 month period. A dedicated Project Manager is assigned as the primary point of contact. Projects are planned and executed using our project management collaboration system. Advanced Services team members are leveraged by the Project Manager to provide remote and onsite

PES-PRM-CFQ	Program Management with a dedicate Project Manager	**Call For Quote**

Remote Managed Services (RMS)

The Lenel Remote Managed Services (RMS) organization is pleased to offer this preventive maintenance and diagnostic service designed to assist our OnGuard Value Added Reseller's (VAR's) in their efforts of keeping their OnGuard System Users' Total Security System running at peak performance.

In many cases, the required maintenance for these systems is left to the security department or the System User's IT organization. Lack of qualified staff and/or available resources within these groups often leads to the unintentional abandonment of the required maintenance procedures of these mission critical systems.

For these programs to be effective, the OnGuard System User must select the required services by their respective system, establish a schedule with the Lenel staff in Rochester and allow remote connection session into the OnGuard servers where these procedures will be run.

In addition to maximizing the performance of the OnGuard system, there is the benefit of expedited support from the Remote Managed Services Group. In many instances, if a problem is discovered during the maintenance sessions, it can often be addressed when it is small and correctable. This eliminates the need to take the system into maintenance mode that would require a temporary shutdown of services, thereby increasing your system's uptime. Added costs associated with deploying security personnel during maintenance downtime can also potentially be reduced as a result of this program

For more information and quoting please contact the Remote Services Group at RMS@lenel.com, or call Lenel and select Remote Services from the main menu.

Part #	Descriptions	Cost
Maintenance Protection Packages		
RMS-RSH-H-EMR	Technical Advisement forum	**Call For Quote**
RMS-BASE-CARE	Preventive Maintenance with RMS RealTime Level 1 Protection	**Call For Quote**
RMS-SMART-CARE	Preventive Maintenance with RMS RealTime Level 2 Protection	**Call For Quote**
RMS-TOTAL-CARE	Preventive Maintenance with RMS RealTime Level 3 Protection	**Call For Quote**
RMS-RSH-H-RDOE	Redundant Server add-on option for Server Maintenance and Reporting Service (per server pair)	**Call For Quote**
RMS-RSH-D-P	Custom Requested Services (Remote upgrade and system assessment)	**Call For Quote**
RMS-RSH-H-EMOE	Enterprise Master Server Preventive Maintenance Service (Call for Quote)	**Call For Quote**
RMS-RSH-H-RSOE	Regional Server Preventive Maintenance Service (Call for Quote)	**Call For Quote**
RMS-RSH-H-PSOE	PRO/I Single Server Preventive Maintenance Service (Call for Quote)	**Call For Quote**

Embedded Services (ES)

Part #	Descriptions	Cost
ES Annual Service Offerings		
ES-TPE-A	Dedicated Site Resource- Annual	**Call For Quote**
ES-TPE-00X	Dedicated Site Resource Travel	**Call For Quote**