PRO System

PRO Server

Recommended Specifications, Configuration 5D	
Chassis Type	Dell PowerEdge R730 (2U Rackmount)
CPU	Intel® Xeon® E5-2620 Quad Core, 2.4GHz, 15MB Cache
Operating System	Windows® Server 2012 R2 Standard Edition
RAM	16GB (2 x 8GB) 2133MHz
Onboard NICs	BROADCOM® 5720 QP 1GB Network Daughter Card
Optical Drive	DVD+/-RW SATA, Internal
Backplane	1 x 8 Backplane for 2.5-inch Hard Drives
RAID Controller	PERC H730 Integrated RAID Controller, 1GB Cache
Operating System Drive(s)	(5) x 300GB 15K RPM SAS 2.5inch Hot-plug Hard Drive
Data Drive(s)	(5) x 300GB 15K RPM SAS 2.5inch Hot-plug Hard Drive
Hard-disk Backup Drive	RD100, 500GB Native/1TB Comp Removable Hard Drive Cartridge
RISER	R730/xd PCIe Riser 2, Center. R730 PCIe Riser 3, Left. R730 PCIe Riser 1 filler Blank, Right
Video Graphics Card	Onboard Intel® HD Graphics 4500
Serial Port	(1) Serial Port
USB Ports	Front: (1) USB 2.0; Back: (2) USB 3.0; Internal: (1) USB 3.0
Power	Dual, Hot-plug, Redundant Power Supply (1+1), 750W
Rail Kit	Sliding Ready Rails with Cable Management Arm
Warranty	3-year limited warranty

Scalability Path

Customers utilizing an ADV or PRO system should contact Global Sales Support for an upgrade quote.

ES → ADV → PRO
↓
ENTREG
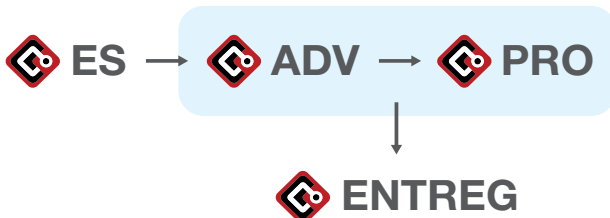
Standard Features

- First year Software Upgrade and Support Plan (SUSP) included
- Browser-based Lenel Console application dashboard
- Alarm monitoring
- Chromakey/Ghosting (ID only)
- MapDesigner
- System administration
- VideoViewer (video only, web)
- CCTV interface
- E-mail interface
- Event logging
- Anti-Passback
- Guard tour

Applications (Optional)

- Browser-based clients
- Area Access Manager
- OpenAccess Web Services API
- DataConduIT
- ID CredentialCenter
- VideoManager
- Visitor
- DataExchange
- FormsDesigner
- Support for OnGuard® modules (see separate datasheet)

Software (Optional)

- Biometrics/Smart Cards
- Fire & Intrusion
- Barco video wall integration
- Business card / Driver's license / Military ID / Passport scanning
- Elevator integration
- Intercom
- Intelligent video (live)
- Mustering
- OPC Server / Client
- VideoVerification
- Terminal services support
- Database segmentation
- Redundant Server Licensing

PRO System

PRO Client

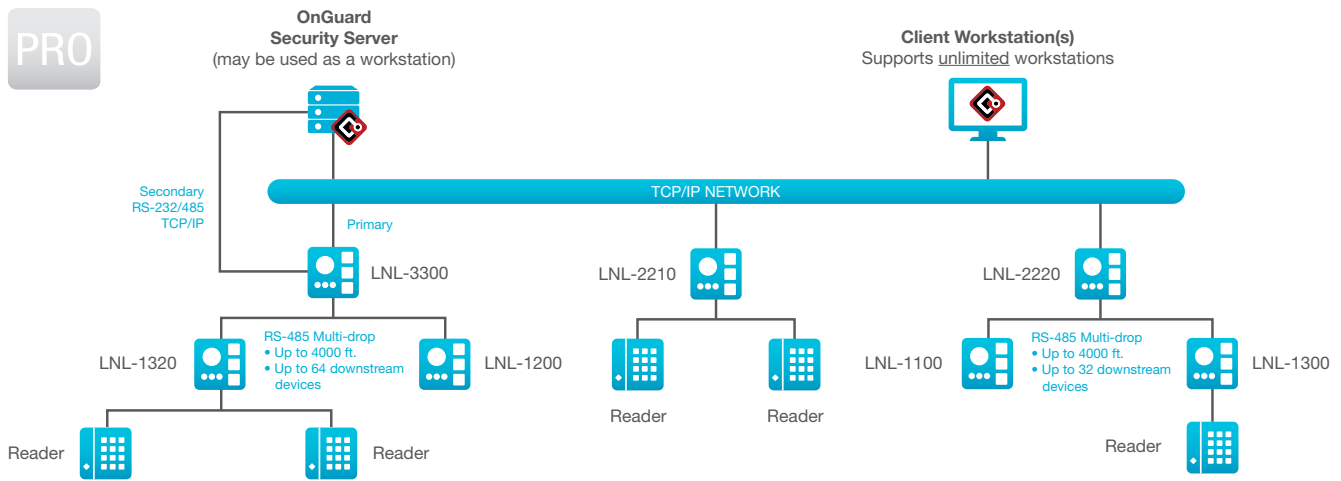PRO systems support an unlimited number of client workstations.

Recommended Specifications	Configuration 6H	Configuration 7F High Performance
Chassis Type	Dell OptiPlex 3040 Small Form Factor	Dell Precision Tower 5810 XCTO
CPU	Intel® Core i3-6100 Processor (Dual Core, 3MB Cache, 4T, 3.7GHz, 65W)	Intel® Xeon® Processor E5-1620 v4 (4C, 3.5GHz, 3.8GHz Turbo, 2400MHz, 10MB Cache, 140W)
Operating System	Windows® 10 IoT EMB Ent 2015	Windows 10 IoT EMB Ent 2015
RAM	4GB (1 x 4GB) 2400MHz DDR4 Memory	8GB (2 x 4GB) 2400MHz, DDR4 RDIMM ECC
Onboard NICs	RJ45 Ethernet port	RJ45 Ethernet port
Wireless NIC	-	-
Modem	-	-
Optical Drive	8X Slimline DVD+/-RW	8X Slimline DVD+/-RW Drive
Operating System Drive(s)	500GB 2.5inch Serial ATA (7,200 Rpm) Hard Drive	512GB 2.5inch SATA Class 30 Solid State Drive
Video Graphics Card	AMD Radeon™ R5 430 (2GB DP/DVI-I)	AMD FirePro™ W7100 (4DP) (3 DP to SL-DVI adapters)
Serial Port	-	(1) Serial Port
USB Ports	(6) External USB 3.1 Gen 1 (2 front/2 rear) and (2) x 2.0 (2 rear), (1) RJ45, Display Port 1.21, HDMI 1.41, Universal Audio Jack 1 Line-out	Front: (3) USB 2.0, (1) USB 3.0, (1) Microphone, (1) Head-phone; Internal: (3) USB 2.0, (4) SATA 6GB/s, (2) SATA 6GB/s (for optical drive(s)); Rear: (3) USB 2.0, (3) USB 3.0, (2) PS2, (1) RJ45 (Intel Gigabit Ethernet)
Audio	Internal chassis speakers	Internal chassis speakers
Power	240W	685W
Mouse/Keyboard	Yes	Yes
Warranty	3-year limited warranty	3-year limited warranty
Surge Suppressor	Yes	Yes

System Capacities

Category	Standard Licensing	Expansion Capability
Cardholders	Unlimited*	Unlimited*
Card Readers	128	Unlimited*
Client Workstations	Unlimited*	Unlimited*
Holidays / Time Zones	255 (per segment, each)	255 (per segment, each)
Alarm Inputs / Outputs	Unlimited*	Unlimited*
Access Levels	32,000 per segment	32,000 per segment
ILS Locks	-	Unlimited*

*OnGuard® offers you scalability that is only limited by the physical limitations of your system size.

PRO System

PRO

OnGuard Security Server
(may be used as a workstation)

Client Workstation(s)
Supports <u>unlimited</u> workstations

Secondary RS-232/485 TCP/IP

Primary

TCP/IP NETWORK

LNL-3300

LNL-2210

LNL-2220

LNL-1320

RS-485 Multi-drop
• Up to 4000 ft.
• Up to 64 downstream devices

LNL-1200

LNL-1100

RS-485 Multi-drop
• Up to 4000 ft.
• Up to 32 downstream devices

LNL-1300

Reader

Reader

Reader

Reader

Reader

Reader

Peripheral Hardware and Readers

Direct Card Printer Support

OnGuard® supports the following printer brands: Zebra®, MAGICARD®, NISCA®, and Fargo. Specific models support inline iCLASS®, MIFARE®, and magnetic stripe encoding.

Lenel USB Image Capture Kit

Included is a high resolution CCD (NTSC or PAL) camera with software zoom capabilities, a fully-synchronized cool white built-in flash, a tripod system with a powered base, TWAIN-compliant software, a USB communication cable and a universal power cable. The camera is USB 2.0-compliant, producing high resolution live video for image capture using the OnGuard ID CredentialCenter application (any badging client or mobile badging station). The built-in flash illuminates both video fields evenly.

Enclosures and Power Supplies

UL-Listed Enclosures and Power Supplies

<u>LNL-CTX</u> – Enclosure with lock and tamper switch, supports up to two (2) field hardware devices (12" x 16" x 4.5")

<u>LNL-CTX-6</u> - Enclosure with lock and tamper switch, supports up to six (6) field hardware devices (18" x 24" x 4.5")

<u>LNL-AL400ULX</u> – 12VDC 4A output, 120VAC (1.6 amps) input, continuous supply current with enclosure (18" x 24" x 4.5"), lock/tamper switch, UPS capable (battery optional)

<u>LNL-AL600ULX-4CB6</u> - 12VDC 6A output, 120VAC (1.6 amps) input, continuous supply current with enclosure (12" x 16" x 4.5"), power distribution module, lock and tamper switch, UPS capable (battery optional)

LENEL United Technologies

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