



# March 22, 2010 USA Dealer Pricing & Bid Guide

2305 Bering Drive  
San Jose, CA 95131 U.S.A.  
PN: (800)260-5265 (408)435-8400  
Fax (408)577-1792  
e-mail: [sales@kerisys.com](mailto:sales@kerisys.com)

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## **Highlights...What's New On This Price List**

<b>Doors.NET Access Control Software</b>	2
<i>Keri's latest software to manage the NXT hardware. Doors.NET provides Client/Server, multiple operator function in a modern, IT-friendly Microsoft .NET platform, using Microsoft Sequel as its database engine. The software is extremely powerful, yet easy to use. The software has a variety of optional features as well.</i>	
<b>Doors.NET Management Services</b>	2
<i>Doors.NET option that allows dealers to create RMR opportunities via remote management of customer sites.</i>	
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<i>Integration with CapSure visitor management software platform</i>	
<b>UL-294 Option for PXL-500 and NXT Family of Products</b>	2-3
<i>UL-294 arrives for both the PXL and NXT families with the optional UL-294 monitoring kit. This inexpensive option board is factory installed and meets all requirements set forth for jobs or locales requiring UL-294.</i>	
<b>KIT-8 Rack Mountable NXT Enclosure</b>	2
<i>Designed to work with the NXT family controllers, this new ultra thin 2U enclosure mounts directly to any standard IT rack. Sliding drawers allow for easy access to Access Panels and Power Supply.</i>	
<b>USB-A Adapter Kit</b>	2,4
<i>USB adapter kit for NXT controllers AutoUSB networking feature. Kit includes K-USB Ethernet adaptor and cable to allow seamless interfacing to any PC's USB connection.</i>	
<b>Reflections EVR Event Video Recorder</b>	2
<i>Video Client for Doors.NET software for storing and retrieving video clips associated with access events from selected IP cameras and 3rd party DVRs/NVRs. Provides a host of other video functionality as well.</i>	
<b>KUSC-10 USB Converter</b>	3,4
<i>USB to serial converter for PXL-500 System</i>	
<b>EGS-WUPW &amp; EGS-WUPP Entraguard Walk-UP Packages</b>	4
<i>Seamless, one or two door, card access functionality that is "factory installed" in our Entraguard Silver telephone entry unit, that makes for an effortless installation. Packages come in Keri format or Wiegand format.</i>	
<b>V-Track Long Range Vehicle ID System</b>	5
<i>Keri's new vehicle ID system offers a new standard for affordable long range access control. Available in both MS and Wiegand output, this tag reader system produces up to 30' of read range. Not approved for use in CE countries.</i>	
<b>Ranger</b>	5
<i>Keri's new offering (from Farpointe Data) for long range "clicker" Wiegand compatibility. For PXL-500P and MS Proximity compatibility use KeriKey clickers and receivers.</i>	
<b>Card Printers</b>	6
<i>Ultra Electronics latest Magicard printers, the Enduro and the Pronto are now available.</i>	

I) Pricing

Dealer

NXT™ CONTROLLERS, SOFTWARE, READERS, CARDS/TAGS, & PERIPHERALS		
<b>NXT Ethernet Enabled Access Controllers</b> (more details, page 9)		
NXT-2D*	2 Door NXT Controller	\$725.00
NXT-4D*	4 Door NXT Controller	\$1,204.00
*No enclosure for NXT controllers, subtract \$11.00. Add NE to model number		
NXT-4X4*	4 X 4 I/O - Optional Local Door Control Module	\$157.00
*No enclosure for NXT-4X4, subtract \$6.00. Add NE to model number		
*UL-294 Option for PXL-500 and NXT Family of Products. Add \$39.00 to the price, and UL to model number		
KE-8	4 Panel Enclosure	\$192.00
DCR-2	Enclosure Rack Mounting Kit (for 19" IT rack)	\$36.00
KIT-8	IT Rack Mount Enclosure	\$500.00
USB-A	USB Adapter Kit for NXT Controller AutoUSB Networking	\$67.00
<b>NXT Software &amp; Options</b> (more details, page 11)		
Doors NXT-CS	Doors NXT - Access Control Client/Server Software	N/C
Doors NXT-ADD	Doors NXT - Additional NetXtreme Client License	\$287.00
Doors NXT-BADGE	Doors NXT - Badging Client	\$567.00
Import/Export*	Doors to Doors NXT Conversion	\$312.00
*This service, provided by Kerl will convert Doors databases to Doors NetXtreme format		
<b>Doors.NET Software &amp; Options</b> (more details, page 11)		
DNET-APP	Doors.NET Access Control Client Server Software -includes 1 Client and 1 Gateway for connection to up to 64 NXT controllers	N/C
DNET-ADD-CL	Doors.NET Additional Client License	\$287.00
DNET-KGW	Doors.NET NXT Gateway (required for additional subnets)	\$265.00
DNET-BADGE	Doors.NET Photo Badging Client	\$567.00
DNET-RPT	Doors.NET Professional Report Client Package	\$287.00
DNET-ITB	Doors.NET IT Package -includes Professional Report Option, Time and Attendance Interface Utility, and LDAP	\$995.00
Import/Export - ND*	NXT to Doors.NET Conversion	\$312.00
<b>Reflections EVR Event Video Recorder</b> (more details, page 11)		
EVR-BSC	Reflections Event Video Recorder - Event Video Recording Option for 1 Client, 1 Monitor, and 4 Cameras. Additional Camera capability sold separately.	\$338.00
EVR-PLS	Reflections Plus Event Video Recorder - Event Video Recording Option for 2 Clients, 4 Monitors, 4 Cameras, Email, and On-Screen Overlay Interface and Command Functions. Additional Camera capability sold separately.	\$625.00
EVR-CL	Camera License (per 4 cameras)	\$125.00
EVR-GW	Additional Video Recording Gateway (required for each additional recording location)	\$238.00
EVR-CLNT	Additional Reflections Concurrent Client	\$287.00
<b>Doors.NET Managed Services</b> (more details, page 11)		
DNET-MS25	Doors.NET Managed Services Interface for 25 Accounts	\$1,495.00
DNET-MS50	Doors.NET Managed Services Interface for 50 Accounts	\$2,750.00
<b>Doors.NET Visitor Management Integration from CapSure*</b> (more details, page 12)		
CAP-EXP	Express Visitor Management Software -includes 1 Client License, Driver's License Scanning, Badge Printing, Vehicle Pass Printing, Multi Passenger Processing, Network Printing, Kerl Integration *For more Visitor Management options such as Web Pre-Registration, Multi-printing, Site Filtering, Passenger Process, Delegation, Teledial, Mobile Handheld, Watch List, Revenue Tracking & Admission Notification - Contact Factory	\$4,150.00
<b>NXT Series Proximity Readers</b> (more details, page 12)		
NXT-1R	Euro Mount Proximity Reader	\$97.00
NXT-3R	Door Frame Proximity Reader	\$81.00
NXT-5R	Wall Switch Proximity Reader	\$97.00
NXT-RM3	Reader Interface Module (for Wiegand & MS Compatibility)	\$36.00
<b>NXT Cards &amp; Tags</b> (more details, page 12)		
NXT-C	Clamshell Proximity Card	\$1.99
NXT-I	ISO Proximity Card (w/o mag stripe)	\$4.39
NXT-S	ISO Proximity Card (w/ mag stripe)	\$4.78
NXT-K	Proximity Key Tag	\$4.26
NOTE: All cards and key tags must be purchased in multiples of 25		
*For badging pricing and accessories see page 6		
<b>NXT Access Control Peripherals</b> (more details, page 10)		
KPS-4	Power Supply (KPS-5 w/out enclosure)	\$75.00
KPS-5	Power Supply - 12VDC, 2A, Battery Ready	\$99.00
KPS-11	Power Supply - 12VDC, 10 Amp, Battery Ready	\$392.00
KPS-8	Battery - 12VDC, 7.2 AH	\$21.00
IRP-1	Isolation Kit (12/24 VDC)	\$19.00

New Product Option

New Product

New Product

New Product Group

New Product Group

New Product Group

New Product Group

**PXL CONTROLLERS, DOORS SOFTWARE, READERS, CARDS/TAGS, & PERIPHERALS**

**PXL Networkable Access Controllers** (more details, page 9)

<b>PXL-500P*</b>	<b>Tiger II Controller</b> (MS proximity compatible)	\$549.00
<b>PXL-500W*</b>	<b>Tiger II Controller</b> (Wiegand compatible)	\$585.00
<b>SB-593</b>	<b>Satellite II Expansion Board</b>	\$262.00
* No enclosure for PXLs, subtract \$11.00. Add NE to model number		
*UL-294 Option for PXL-500 and NXT Family of Products. Add \$39.00 to the price, and UL to model number		
<b>KUSC-10</b>	<b>USB to Serial Converter for PXL-500 System</b>	\$62.00
<b>KE-8</b>	<b>4 Panel Enclosure</b>	\$192.00
<b>DCR-2</b>	<b>Enclosure Rack Mounting Kit</b> (for 19" IT rack)	\$36.00
<b>CU-500</b>	<b>Chip Upgrade</b> (To upgrade PXL-500 firmware)	\$42.00

New Product Option

New Product

**Doors Software** (more details, page 10)

<b>DB-300</b>	<b>Doors Badging Software Option</b>	\$567.00
<b>Doors</b>	<b>Access Control Software</b> on CD Rom	N/C
<b>Manual</b>	<b>Hard Copy of Doors Manual</b>	\$42.00
<b>Import/Export</b>	<b>License Fee for Import/Export of Cardholders</b>	\$312.00

NOTE: Software must be ordered or it will not be included in shipment

**MS Series Proximity Readers** (more details, page 12)

For use only with PXL-500/510P, PXL-250P and SM-2000X Controllers

<b>MS-3000X</b>	<b>MicroStar™ Door Frame/Mullion Reader</b>	\$110.00
<b>MS-4000X</b>	<b>ShootingStar™ Vandal Resistant Reader</b>	\$530.00
<b>MS-5000BX</b>	<b>MiniStar™ Black Switch Plate Reader</b>	\$121.00
<b>MS-5000WX</b>	<b>MiniStar™ White Switch Plate Reader</b>	\$130.00
<b>MS-7000BX</b>	<b>SuperStar™ Medium Range Reader</b>	\$304.00

**MS Series Cards & Tags** (more details, page 13)

<b>KC-10X</b>	<b>Standard Light Proximity Card</b>	\$1.99
<b>MT-10XP</b>	<b>Multi-Tech Imageable Card</b> (w/o Mag Stripe)	\$4.39
<b>MT-10XM</b>	<b>Multi-Tech Imageable Card</b> (w/ Mag Stripe)	\$4.78
<b>PKT-10X</b>	<b>Proximity Key Tag</b>	\$4.26
<b>AP-10X</b>	<b>Adhesive Proximity Patch</b>	\$2.71

NOTE: All cards, key tags, and proximity patches must be purchased in multiples of 25

For badging pricing and accessories see page 6

**PXL Access Control Peripherals** (more details, page 10)

<b>KPS-4</b>	<b>Power Supply</b> (KPS-5 w/out enclosure)	\$75.00
<b>KPS-5</b>	<b>Power Supply - 12VDC, 2A, Battery Ready</b>	\$99.00
<b>KPS-7</b>	<b>Power Supply - 12VDC, 1.2A Plug-In</b>	\$47.00
<b>KPS-8</b>	<b>Battery - 12VDC, 7.2 AH</b>	\$21.00
<b>KPS-11</b>	<b>Power Supply - 12VDC, 10 Amp, Battery Ready</b>	\$392.00
<b>IRP-1</b>	<b>Isolation Kit (12/24 VDC)</b>	\$19.00
<b>LCD-1</b>	<b>Alpha/Numeric Plug-In Display</b>	\$81.00

**Networkable Elevator Controllers** (more details, page 10)

<b>LC-502P</b>	<b>2 Floor Elevator Controller</b> (MS compatible)	\$468.00
<b>LC-508P</b>	<b>8 Floor Elevator Controller</b> (MS compatible)	\$1,747.00
<b>LC-502W</b>	<b>2 Floor Elevator Controller</b> (Wiegand compatible)	\$494.00
<b>LC-508W*</b>	<b>8 Floor Elevator Controller</b> (Wiegand compatible)	\$1,922.00
<b>WAK-8</b>	<b>Wiegand Amplifier</b> - Required for more than 2 floors	\$236.00

\*WAK-8 included with LC-508W

<b>Entraguard™ Networkable Telephone Entry Controllers</b> (more details, page 10-11)		
EGT-250HF	<b>Titanium</b>	\$879.00
EGS-750HF*	<b>Silver - Hands Free</b>	\$1,192.00
EGP-5000HF*	<b>Platinum - Hands Free</b>	\$1,721.00
EGS-WUPW**	<b>Entraguard Walk-Up Package</b> (includes ESP-750, PXL-500GW, P-300, KDP-552, boxed & prewired)	\$1,475.00
EGS-WUPP**	<b>Entraguard Walk-Up Package</b> (includes ESP-750, PXL-500GP, MS-3000, KDP-552, boxed & prewired)	\$1,325.00
* Handset Option for Platinum and Silver - Replace "HF" with "HS"		\$101.00
**Contact sales for second door option for Walk-Up packages		
Pre-installed color Camera Option on all models - add "CO" to Model #		\$132.00
<b>Entraguard Telephone Entry Accessories</b> (more details, page 11)		
EGH-12	<b>Heater Kit for Entraguard Units</b>	\$93.00
EGT-PL	<b>Titanium Postal Lock Kit - Field Installation</b>	\$52.00
EGP-PL	<b>Platinum/Silver Postal Lock Kit - Field Installation</b>	\$42.00
EPS-58	<b>Power Supply Kit for Entraguard Units</b>	\$114.00
FMK-95	<b>Recess Mount Kit for Platinum/Silver</b>	\$121.00
RMK-65	<b>Recess Mount Kit for Titanium</b>	\$121.00
HSE-95	<b>Hood/Pedestal Mount Adaptor for Platinum/Silver</b>	\$289.00
GNA-65	<b>Pedestal Mount Adaptor for Titanium</b>	\$107.00
<b>Entraguard No Phone Line (NPL) Telephone Entry Systems</b> (more details, page 11)		
NPLII-MC	<b>Master Controller</b>	\$452.00
NPLII-RC	<b>Relay Card</b>	\$220.00
NPLII-EC	<b>Expander Cabinet</b>	\$220.00
NPLII-TB	<b>RJ71C Telephone Blocks</b>	\$47.00
NPLII-CA	<b>Relay Card Cable (15ft)</b>	\$23.00

New Product

New Product

<b>SINGLE DOOR ACCESS CONTROL SYSTEM</b>		
<b>IntelliProx 2000 Single Door System</b> (more details, page 10)		
IP-2003X	<b>MicroStar™ Door Frame/Mullion Controller</b>	\$171.00
IP-2005BX	<b>MiniStar™ Black Switch Plate Controller</b>	\$186.00
SM-2000X	<b>Smart Module (Spare)</b>	\$140.00
HPP-22	<b>Hand Held Programmer</b>	\$117.00
KDP-552	<b>Cable, PXL-500/IP-2000X to PC or modem</b>	\$37.00
D-Lite	<b>Software (available at <a href="http://www.kerisys.com">www.kerisys.com</a>)</b>	N/C
<b>IntelliProx Cards and Tags</b> (more details, page 13)		
KC-26X	<b>Light Proximity Cards</b>	\$2.83
MT-26XP	<b>Multi-Tech Imageable Cards (w/o Mag Stripe)</b>	\$4.31
MT-26XM	<b>Multi-Tech Imageable Cards (w/ Mag Stripe)</b>	\$4.70
PKT-26X	<b>Proximity Key Tag</b>	\$5.11
NOTE: All cards and key tags must be purchased in multiples of 25		
* Check the descriptions sections for options for ordering IP-2005WX, IP-2007X		

<b>CONNECTIVITY PRODUCTS FOR PXL - ETHERNET, WIRELESS AND MODEM</b> (see details, page 9-10)		
LAN-520	<b>LAN Port (RS-232 to Ethernet converter) NR</b>	\$211.00
NC-485	<b>485-Network Converter (Interfaces to LAN-520)</b>	\$51.00
KWX-9A	<b>Wireless Transceiver, 915MHz</b>	\$275.00
ANT-91*	<b>Antenna, Remote Wiring</b>	\$169.00
ANT-94*	<b>Antenna, Omni-Directional Extended Range</b>	\$336.00
ANT-9Y*	<b>Antenna, Unidirectional Extended Range (Yagi)</b>	\$133.00
KWX-24	<b>Wireless Transceiver, 2.4GHz</b>	\$306.00
ANT-241*	<b>Antenna, Remote Wiring</b>	\$205.00
ANT-244*	<b>Antenna, Omni-Directional Extended Range</b>	\$326.00
ANT-24Y*	<b>Antenna, Unidirectional Extended Range</b>	\$341.00
EXM-56C	<b>Modem - External 56K Baud NR (Cables included)</b>	\$183.00
KDP-552	<b>Cable, PXL-500/IP-2000X to PC</b>	\$37.00
KUSC-10	<b>USB to Serial Converter for PXL-500 System</b>	\$62.00
USB-A	<b>USB Adapter Kit for NXT Controller AutoUSB Networking</b>	\$67.00
* Includes 6 foot extension cable		

New Product

New Product

**RF TRANSMITTERS, READERS, CARDS & TAGS, AND OTHER TECHNOLOGIES****RF Transmitter/Receiver Systems - 318MHz** (more details, page 13)For use *only* with PXL-500/510P, PXL-250P, NXT controllers with RM-3 module,

MS-1400	<b>Keri Key 2 Channel Receiver MS Output</b>	\$218.00
TM-10	<b>Keri Key 1 Button Transmitter</b>	\$13.50
TM-10MS	<b>Keri Key 1 Button Transmitter w/ MS Insert</b>	\$18.00
TM-10FW	<b>Keri Key 1 Button Transmitter w/ Farpointe Insert</b>	\$19.00
TM-40	<b>Keri Key 4 Button Transmitter</b>	\$14.00
TM-40MS	<b>Keri Key 4 Button Transmitter w/ MS Insert</b>	\$19.00
TM-40FW	<b>Keri Key 4 Button Transmitter w/ Farpointe Insert</b>	\$19.50

NOTE: All Transmitter cards must be purchased in multiples of 10

New  
Product  
Group**V-Track Long Range Automatic Vehicle ID System** (more details, page 13)

VT-10P	<b>V-Track Package Keri Format</b> (includes Exciter, Receiver, and Test Tag)	\$1,986.00
VT-10W	<b>V-Track Package Wiegand Format</b> (includes Exciter, Receiver, and Test Tag)	\$1,986.00
EX-10P	<b>V-Track Exciter/Antenna for exit lane egress</b>	\$1,436.00
LRT-10K	<b>Vehicle Tags Keri Format</b>	\$22.15
LRT-10W	<b>Vehicle Tags Wiegand Format</b>	\$22.15

New  
Product  
Group**Ranger Long Range Transmitter/Receiver Systems** (more details, page 13)For use *only* with PXL-500/510W, PXL-250W, NXT with RM-3 module, or other manufacturers' **Wiegand-compatible** controllers

WRR-42	<b>Farpointe Ranger Receiver</b>	\$265.00
WRT-1	<b>Farpointe Ranger 1 Button Mini Transmitter w/Wiegand Insert</b>	\$19.25
WRT-4	<b>Farpointe Ranger 4 Button Mini Transmitter w/Wiegand Insert</b>	\$19.25

NOTE: All Transmitter cards must be purchased in multiples of 10

**Pyramid Series Proximity - From FarPointe Data, Inc.** (more details, page 13-14)For use *only* with PXL-500/510W, PXL-250W, or other manufacturers' **Wiegand-compatible** controllers

\* Note - All Pyramid 125 KHz proximity readers now read both Pyramid and HID cards at no extra charge

P-300H	<b>Cascade Door Frame/Mullion Reader w/ Farpointe and HID Compatibility</b>	\$109.00
P-400H	<b>Gibraltar Vandal Resistant Reader w/ Farpointe and HID Compatibility</b>	\$510.00
P-500H	<b>Alps Switch Plate Reader w/ Farpointe and HID Compatibility</b>	\$119.00
P-640H	<b>Patagonia Piezo Keypad/Prox Reader w/ Farpointe and HID Compatibility</b>	\$279.00
P-700H	<b>Yukon Medium Range Reader w/ Farpointe and HID Compatibility</b>	\$279.00
DELTA3	<b>Multi-Tech Proximity Smartcard Reader/Mullion Mount</b>	\$133.00
DELTA5	<b>Multi-Tech Proximity Smartcard Reader/Switch Plate</b>	\$152.00
DELTA6.4	<b>Multi-Tech Proximity Smartcard Reader/Keypad</b>	\$255.00

\* Note - All Pyramid 125 KHz proximity cards/tags can be programmed for HID reader compatibility. Add "-H" to part number.

- When programmed for HID reader compatibility, cards will not read on pre 2010 non "H" readers.

PSC-1	<b>Standard Light Proximity Card</b>	\$2.02
PSI-4	<b>Image Technology Proximity Card</b>	\$2.33
PSM-2P	<b>Multi Technology Proximity Card</b> (w/o Mag Stripe)	\$4.29
PSM-2S	<b>Multi Technology Proximity Card</b> (w/ Mag Stripe)	\$4.67
PSK-3	<b>Proximity Key Ring Tag</b>	\$4.24
SMC-1	<b>Mifare ISO 1K Smartcard</b>	\$2.16
SMC-4	<b>Mifare ISO 4K Smartcard</b>	\$4.20

NOTE: All cards and key tags must be purchased in multiples of 25

For badging pricing and accessories see page 6

**Other Reader Technologies** (more details, page 15)

SX-34	<b>Essex Keypad Reader 3 x 4 NR</b>	\$286.00
BC-60	<b>Bar Code Reader NR</b>	\$435.00

**DEMO EQUIPMENT** (more details, page 14)

DC-550	<b>Tiger II Networkable Demo Suitcase</b>	\$1,960.00
DC-NXT1	<b>NetXtreme Demo Suitcase</b>	\$967.00

**PHOTO BADGING PRINTERS**

**Badging Printers & Peripherals** (more details, page 15)

<b>Magicard Pronto</b>	<b>Single-Sided ID Card Printer</b> <b>NR</b>	\$1,657.00	New Product
<b>Pronto Ribbon</b>	<b>Printer Ribbon, Color</b> (for approx. 300 cards) <b>NR</b>	\$107.00	
<b>Pronto Cleaning Kit</b>	<b>Printer Cleaning Kit</b> (10 cards, 1 pen) <b>NR</b>	\$33.00	
<b>Magicard Rio 2</b>	<b>Single-Sided ID Card Printer</b> <b>NR</b>	\$3,260.00	New Product
<b>Rio 2 Ribbon</b>	<b>Printer Ribbon, Color</b> (for approx. 250cards, 125 flip) <b>NR</b>	\$155.00	
<b>Rio 2 Cleaning Kit</b>	<b>Printer Cleaning Kit</b> (16 cards, 1 pen, 3 tacky rollers) <b>NR</b>	\$57.00	
<b>Magicard Enduro*</b>	<b>Single/Dual Sided ID Card Printer</b> <b>NR</b>	\$2,255.00	
<b>Enduro Ribbon</b>	<b>Printer Ribbon, Color</b> (for approx. 300 cards) <b>NR</b>	\$107.00	
<b>Enduro Cleaning Kit</b>	<b>Printer Cleaning Kit</b> (10 cards, 1 pen) <b>NR</b>	\$48.00	
<b>Magicard Tango 2</b>	<b>Dual-Sided ID Card Printer</b> <b>NR</b>	\$4,346.00	
<b>Rio 2 Ribbon</b>	<b>Printer Ribbon, Color</b> (for approx. 250cards, 125 flip) <b>NR</b>	\$155.00	
<b>Rio 2 Cleaning Kit</b>	<b>Printer Cleaning Kit</b> (16 cards, 1 pen, 3 tacky rollers) <b>NR</b>	\$57.00	

\* Enduro printer can be easily field upgraded from single sided to dual sided by means of a simple drop-in upgrade, call for details.

\*\* Please check the web site for the latest changes to Camera and PC specifications

**BADGING ACCESSORIES** (more details, page 13)

**Card and Badging Accessories**

<b>PVC-9*</b>	<b>PVC Overlay</b> (for NXT-C, KC-10X, KC-26X, and PSC-1)	\$0.37
<b>PVC-3*</b>	<b>Non Technology Printable PVC Card</b>	\$0.24
<b>Lanyard</b>	<b>NR</b>	\$0.74
<b>Retractor (Yo-Yo)</b>		\$1.83
<b>Clip</b>		\$0.36
<b>Pouch - Vertical</b>		\$0.55
<b>Pouch - Horizontal</b>		\$0.55

\*NOTE: All PVC cards must be purchased in multiples of 100

**TRAINING & OTHER PROGRAMS**

**Keri Technical Institute** (more details, page 15)

Training, Web-Based

<b>PXL Distributor/Dealer/Installer Classes</b>		
<b>1 Hour Class</b>		N/C
<i>LAN Operation and Networked Doors</i>		
<b>2 Hour Classes</b>		N/C
<i>PXL-500 Installation and Operation</i>		
<i>Doors Installations, Configuration and Operation</i>		
<b>End User Class</b>		\$145.00
<i>Doors Software &amp; Hardware Operation</i>		
<i>Suggested End User Price \$195</i>		
NOTE: 1) See class descriptions and schedule at <a href="http://www.kerisys.com">www.kerisys.com</a>		
2) Requires a broadband connection		
3) Ask about becoming a Keri Authorized dealer		

NXT Distributor/Dealer/Installer Classes

**2 Hour Classes**

N/C

*NXT Hardware Installation and Operation*

*Doors NetExtreme Software Installations, Configuration and Operation*

**End User Class**

\$145.00

*Doors Software & Hardware Operation*

*Suggested End User Price \$195*

*NOTE: 1) See class descriptions and schedule at [www.kerisys.com](http://www.kerisys.com)*

*2) Requires a broadband connection*

*3) Ask about becoming a Keri Authorized dealer*

**Large Project Discounts** (applies to PXL only - more details, page 15)

Individual projects using a large number of controllers and readers are eligible for discounts.

To be eligible for the discount:

- Discounts applies to PXLs, SB-593, Elevator Controllers, and Readers
  - Discounts do not apply to stocking orders  
Customer must supply the name and location of project  
Customer must take delivery of all equipment within 30 days
- |                     |              |
|---------------------|--------------|
| 36-59 Doors         | 10% Discount |
| 60-95 Doors         | 15% Discount |
| 96 or greater Doors | 20% Discount |

### **Terms and Conditions**

All prices quoted are in United States Dollars. For customers paying within terms, they are: Prepay by Check or Cash (3% discount for US orders) prior to shipment, or 1% 10/Net 30 upon approved credit, or prepaid Wire Transfer, or all major credit cards upon approval. No discount for credit card orders. For cash in advance orders, remittance must be received before goods ship.

**All payments must be made in US Dollars.**

**Checks returned for insufficient funds will incur a \$50.00 charge**

- Minimum International orders not less than \$250.00 for prepaid or \$50.00 with credit card.
- **NXT-2D NXT Access Controller** – an identical feature set to the NXT-4D except the NXT-2D has enough I/O and reader ports for a normal two door system.
- All shipping discrepancies must be reported within 15 days of receipt.  
Credit card payments will only be accepted at time of shipment.  
PXL-500, SB-593, and NXT Controllers carry a "no questions asked" 2 year warranty. Damages are limited to either the repair or replacement value of the returned goods. Goods must be returned to Keri Systems for any warranty claims.
- Proximity readers carry a lifetime warranty against defects in materials and workmanship.
- Goods returned for credit are subject to a 20% restocking charge, must be returned within 30 days of the original date of shipment and must be accompanied by a Keri Systems, Inc. Return Material Authorization (RMA). Goods must be returned in original condition and packaging. Authorizations are issued at Keri Systems' discretion. Goods returned without an RMA will be refused.
- Purchase Orders are required for Advance Replacement.
- RMAs for possibly defective units will not be issued unless Keri Technical Support has agreed further telephone support will not correct or repair the discrepancy.
- Many older products have been obsolete or may soon become obsolete. Some remaining inventory may be available, until sold out. Please contact your Keri Inside Sales Representative for further details.

Warranty Repairs: Keri reserves the right to declare units beyond repair.

### **Repair Costs**

#### Fixed Cost of Repairs for Out of Warranty Products

PXL-250, PXL-500/510, NXT	\$175.00
SB-293, SB-593	\$ 95.00
Electrical Repair of Entraguard Boards	\$235.00

*\*Product for advance replacement on defective items must be returned within 21 days in order for credit to be considered.*

*NOTE: Out of Warranty repaired units carry a 90 day warranty*

### **Items designated NR on the Price List:**

*NOTE: Out of Warranty repaired units carry a 90 day warranty*

- Eligible for replacement or repair if defective
- Credit will not be issued
- Subject to industry standard lead times

**Prices, Terms and Conditions are subject to change without notice.**

**By ordering from this price list, the customer acknowledges and agrees to all terms and conditions contained herein.**

## II) Product Descriptions

### Networkable Controllers for Access Cards, Biometric Devices and Keypads

**NXT-4D NXT Access Controller** – the newest in Access Control hardware technology with embedded Ethernet and enough I/O and reader ports to control four normal doors. A high security, long cable run RS-485 bus provides the best interface to both readers and expansion hardware although interfaces to other technology is available via the RM-3. Used in conjunction with the highly flexible, Doors.NET software package, this is an extremely powerful yet very cost effective Access Control system.



**NXT-2D NXT Access Controller** – an identical feature set to the NXT-4D except the NXT-2D has enough I/O and reader ports for a normal two door system.

**NXT-4X4 Optional Local Door Control Module** – this I/O expander can be used for general monitoring or output control or local door control. This module sits directly on the same bus as the NXT family of readers, minimizing cable runs and providing powerful local door control. It has 4 supervised inputs and 4 general purpose form "C" outputs.



**NXT-RM3 Reader Interface Module** – this device is only used for interfacing either MS readers or Wiegand readers to the NXT platform. Each RM-3 plugs into one reader input and converts one MS or Wiegand reader to the NXT format allowing the different types of readers to be located on the same controller. It is not necessary when using Keri's NXT readers. It plugs directly into an NXT-4D, NXT-2D, or an NXT-4X4 allowing older readers to benefit from Keri's 4 wire supervised reader bus.

**PXL-500P and PXL-500W Access Controllers** – the PXL-500 family has all of the functionality needed to manage a single door, alarm output, and 2 reader ports. A second door can be added when used with a SB-593 Satellite Expansion Board. The **PXL-500P** provides a proprietary reader interface for use with Keri's higher security cards and readers. The **PXL-500W** allows for easy connection of industry standard Wiegand output readers. The PXL-500 is used in conjunction with the *Doors* software package. Includes a locking metal enclosure (13"H x 9"W x 4"D).



**SB-593 Satellite Expansion Board** – plugs directly onto a PXL-500 or PXL-510 to provide an additional 8 general purpose inputs and 4 general purpose outputs. With a simple jumper setting, two of the inputs and two of the outputs are configured to economically manage a second door.

**KE-8 Multi-Panel Enclosure** – Designed to accommodate the Tiger II and NXT family of controllers. This enclosure provides a compact footprint when mounting on a wall or with optional rails, and can be mounted directly in a standard IT rack. The **DCR-2** mounting kit provides all the necessary rails and hardware for mounting the **KE-8** in a standard 19" IT rack (15"H x 17"W x 6.5"D).

**KIT-8 Rack Mountable NXT Enclosure** – This Ultra thin 2U enclosure mounts directly to any standard IT rack and accommodates the Tiger II and NXT family of controllers. Rails allow for easy access to the Access Panels and Power Supply without removing the enclosure from the rack. The unit comes complete with a 4 Amp power supply and two RJ-45 connections.

**USB-A Adapter Kit** – This USB adapter kit for NXT controllers AutoUSB networking feature. Kit includes K-USB Ethernet adaptor and cable to allow seamless interfacing to any PC's USB connection.

**KUSC-10 USB Converter** – This USB to serial converter is for the PXL-500 system.

**UL-294 Option for PXL-500 and NXT** - The kit, which needs to be factory installed to meet UL requirements, is composed of a relay board, tamper switch and UL sticker. The board provides separate inputs for front cover tamper, enclosure tear off and an input for the internal NXT tamper event (future expansion).

### Connectivity Products, Ethernet, Wireless and Modem

**LAN-520 Ethernet Port** – this small option board plugs into any PXL-500, PXL-510 or Time and Attendance providing an interface to a customer's Ethernet backbone. The unit acts as a 100baseT gateway from the master of any PXL-500 based system to the rest of the RS485 network. The **NC-485** provides LAN/WAN Ethernet connectivity between 2 or more PXL RS-485 network segments.

**KWX-9A/24 Wireless Transceiver System** – this 915MHz/2.4GHz device converts a PXL-500 controller wired RS-485 signal to a radio frequency transmission allowing it to communicate wirelessly to other transceivers on the system and in range. The **ANT-91/ANT-241** allows the antenna for the Transceiver to be wired remotely allowing it to be hidden from view and/or the elements. The **ANT-94/ANT-244** is a high gain antenna radiating in all directions allowing the range to be extended up to 25%. A directional Yagi antenna, the **ANT-9Y/ANT-24Y** is available, to increase the effective range by up to 50%. Note that only one 915MHz/2.4GHz system within a transmission area may be used. A 2.4 GHz system may be located concurrent to a 915MHz system.



**EXM-56C Modem** – this external modem is offered as a convenience to our customers. Many modems on the general market are not universally compatible and this has been proven to provide reliable connections with the PXL family of products. Note that the same type of modem must be used on both sides of the connection to provide reliable communication when working with a PXL. All modem cables are included.

**Networkable Elevator Controllers**



**LC-502P, LC-502W, LC-508P and LC-508W Elevator Controllers** – complete elevator control functionality for two (LC-502P and LC-502W) or eight floors (LC-508P or LC-508W) and a single elevator cab are provided by these units. These inexpensive variations of the PXL-500 interface seamlessly with the PXL-500 network and *Doors* software. To control more floors, simply wire the elevator control reader output into multiple controller inputs. Up to 32 floors (Wiegand), or 24 Floors (Prox) can be controlled by a single reader with these units. The **WAK-8 Wiegand Amplifier** is required if a Wiegand output reader is required for more than 2 floors. It is included in the **LC-508W**.

**IntelliProx 2000 Single Door System**

**IP-2003X and IP-2005X IntelliProx Single Door Access Control System** – this inexpensive reader-controller combination can be used as a single door proximity reader-based access control system for up to 500 users. It is an extremely simple and cost-effective solution and does not require the use of a computer. An optional software program, *D-Lite* lets the user manage and back up the cardholder database. The SM-2000, which is the controller portion of the system, can be used with other MS series readers like the MS-4000 or MS-7000 to create other unique combinations.



**HPP-22 RF Hand Held Programmer** – this device allows an administrator to add or delete cards or program door functions on an IntelliProx system. Communication between the controller and programmer is an RF signal. One HPP-22 can program any number of IntelliProx units.

**Access Control Accessories**

**KPS-4, KPS-4-1, KPS-5, KPS-5-1 and KPS-7 Power Supplies, 12VDC** – The **KPS-5** is a 2 Amp power supply with a battery charging circuit providing extremely clean, regulated power suitable for both controllers and proximity readers. It includes the cable and recharging circuit for a gel-cell battery. The **KPS-4** is the same unit without the enclosure so it may easily be mounted in the controller box. **KPS-4-1** is an ultra-clean power supply specifically designed to mount in a PXL or NXT enclosure. It has 2.5 Amps of available power, sufficient to operate an NXT-4D fully populated with NXT readers and NXT-4X4s, or two fully loaded PXLs. It also has onboard battery charging capability. The **KPS-5-1** is the same power supply but comes with a locking metal enclosure. The **KPS-7** is 1.2 Amp, self-contained supply without battery charging capabilities.



**KPS-11 Power Supply, 12VDC, 10 Amp with Battery Charging Circuit** – provides extremely clean, regulated power suitable for both controllers and proximity readers. It includes circuitry for 16 separate outputs of 1.5 amps and has a reserve of 2 amps.

**LCD-1 – Alpha numeric plug-in display** – the display is used for providing additional diagnostic features to aid installation for any PXL-250 or PXL-500 family controller. It is pluggable so one can be used for many controllers on a site or can be kept in a technicians tool box for use on any installation.

**Networkable Telephone Entry Controllers and Accessories**

**Entraguard Titanium Telephone Entry Controller** – provides 250 tenant capacity, a four-line LCD display, internal modem and 2 auxiliary relays in an extremely small footprint. It has a rugged stainless steel enclosure with a built-in hood. Either a postal lock switch or a camera can be added as an option. The Titanium interfaces seamlessly on any PXL-500 network (12.07”H x 5.58”W x 4.53”D).



**Entraguard Silver Telephone Entry Controller** – provides 750 tenant capacity, a four-line LCD display, internal modem and 2 auxiliary relays, and point and dial functionality. It has a rugged stainless steel enclosure with optional hood and or recess mount kit. A postal lock switch and a camera can be added as an option. The Silver interfaces seamlessly on any PXL-500 network (13.88”H x 10.34”W x 3.50”D).



**Entraguard Platinum Telephone Entry Controller** – provides 5000 tenant capacity, a 7 line 1/2” font LCD display, internal modem, 2 auxiliary relays, and point and dial functionality. It has a rugged stainless steel enclosure with optional Hood or recess mount kit. A postal lock switch and a camera can be added as an option. The Platinum interfaces seamlessly on any PXL-500 network. It comes in either a hands-free or telephone handset version (13.88”H x 10.34”W x 3.50”D).

**HSE-95 Hood for Entraguard Platinum and Silver** – Hoods provide a shield for both sun and rain when the units are mounted in the elements. A hood must be used to maintain a Platinum or Silver unit's water resistance. Also used for gooseneck and/or pedestal mounting.

**GNA-65 Pedestal Mount Adaptor for Titanium** – this kit allows the Titanium unit to be mounted to a pedestal.

**NPLII-MC Master Controller** – a No Phone Line System allows the user to eliminate charges for local calls (in areas where local phone charges apply). It intercepts calls generated within the building from any Entraguard product, and reroutes them through internal circuits, to the desired phone extension eliminating the phone company from the call. The Master controller is the hub of the system with expander cabinets networked off of it. It can handle 16 expander cabinets. Each cabinet comes complete with its own power supply.



**NPLII-EC Expander Cabinet** – plugging into the Master Controller, the expander cabinet provides the base for each relay card that directs the phone call. Each Expander cabinet can handle up to 8 relay cards.

**NPLII-RC Relay Card** – the relay card plugs into the expander cabinet to provide the output to each phone number. Each card is capable of directing calls up to 12 unique locations. The card plugs into the expander cabinet. **NPLII-TB Telephone Block** and a **NPLII-CA Relay Card Cable** tie each card to the building's phone system.



### Software and Computers



**2 Door NXT Controller**

**4 Door NXT Controller**

**NXT-ADD** – Provides an additional concurrent client connection to the Doors NXT server. Each additional license allows for one additional concurrent connection to the server.



**Doors.NET Access Control Software** – Keri's latest software to manage the NXT hardware. Doors.NET provides Client/Server, multiple operator functionality in a modern, IT-friendly Microsoft .NET platform, using Microsoft Sequel as its database engine. The software includes 1 Client and 1 Gateway for connection to up to 64 NXT controllers, and is extremely powerful, yet easy to use.

**DNET-ADD-CL** – Additional client license for Doors.NET

**DNET-KGW** - Doors.Net NXT gateway (required for additional subnets).

**DNET-BADGING** – Photo badging option for Doors.NET

**Doors NXT - Access Control Client/Server Software**

**Doors NXT - Additional NetXtreme Client License**

**Doors NXT - Badging Client**

**Doors to Doors NXT Conversion**

**DNET-MS25 and DNET-MS50 Managed Services Interface** – Software license to provide interface for 25 or 50 individual customer accounts for dealers who will manage customers' systems remotely on a recurring monthly revenue basis.

**Reflections EVR Event Video Recorder** – Video Client for Doors.NET software for storing and retrieving video clips associated with access events from selected IP cameras and 3rd party DVRs/NVRs. Provides a host of other video functionality as well.

**EVR-BSC** - Event video recording option for 1 client, 1 monitor, and 4 cameras. Additional camera capability sold separately.

**EVR-PLS** - Event video recording option for 4 clients, 4 monitors, 4 cameras, and on-screen overlay interface and command functions. Additional camera capability sold separately.

**EVR-CL** - Camera license for 4 cameras

**EVR-GW** - Additional video recording gateway. Required for each additional recording location.

**NXT to Doors.NET Conversion**

**EVR-CLNT** - Additional reflections concurrent client.

**CAP-EXP Express Visitor Package** – Driver's License Scanner, Badge Printing, Vehicle Pass Printing, Multi Passenger Processing, Network Printing. Does not include Admin. Client.

**CAP-CLNT Client Administration License** – Additional client license for CapSure.



**Doors Access Control Software** – Doors is used for managing a PXL-500 network of up to 256 doors at up to 255 sites. It can communicate with a PXL network via direct connect, TCP/IP, or modem.

**NXT Series Proximity Readers, Cards and Tags**

**NXT-1R Euro Mount Proximity Reader** – designed to mount directly to European sized switch boxes, this is a unique combination of size and performance for any market. Utilizing the highly secure NXT interface, it can be placed up to 1,000 feet away from the controller and is fully supervised. Only 4 conductors supply power, ground, data, LED and beeper control. It offers a read range of up to 5" (12.5 cm). It measures just 3.25" x 3.25" x .625" (8.3 cm x 8.3 cm x 1.6 cm).



**NXT-3R Door Frame Proximity Reader** – designed to mount to a standard door frame and utilizing the highly secure NXT interface, it can be placed up to 1,000 feet away from the controller and is fully supervised. Only 4 conductors supply power, ground, data, LED and beeper control. It offers a read range of up to 4" (10 cm). It measures just 3.75" x 1.6" x .625" (9.5 cm x 4.1 cm x 1.6 cm).

**NXT-5R Wall Switch Proximity Reader** – designed to mount directly to a US single gang box, this is a unique combination of size and performance for any market. Utilizing the highly secure NXT interface, it can be placed up to 1,000 feet away from the controller and is fully supervised. Only 4 conductors supply power, ground, data, LED and beeper control. It offers a read range of up to 6" (15 cm). It measures just 4.18" x 2.95" x .625" (10.6 cm x 7.5 cm x 1.6 cm).



**NXT-C Standard Light Proximity Cards** – the NXT family of cards is thin enough to be "wallet-friendly" yet durable enough to carry a lifetime warranty. They come standard with a vertical slot punch and can accept photos and graphics via industry standard adhesive packs (dye sublimation or laminated). Size is 2.13" x 3.38" x 0.065" (54 mm x 86 mm x 1.6 mm). Sequentially numbered. For use only on Keri's NXT series of proximity readers.

**NXT-I, NXT-S Multi-Tech Imageable Cards** – a PVC card capable of accepting images from industry standard dye sublimation printers. Optionally, it can come with magnetic stripe (**NXT-S**) or without (**NXT-I**). Size is 2.13" x 3.38" x 0.042" (54 mm x 86 mm x 1.1 mm). For use only on Keri's NXT series of proximity readers.



**NXT-K Proximity Key Tag** – the industry's smallest and most durable proximity key tag. The tag is so durable it can withstand the weight of a vehicle. Size is 1.57" x 0.98" x 0.157" (40 mm x 25 mm x 4 mm). Sequentially numbered. For use only on Keri's NXT series of proximity readers.

**MS-3000X MicroStar Proximity Reader** – the MicroStar is designed to mount directly on a metal window/door frame (mullion) or any other location a small reader is required. This is a proprietary format reader that offers higher security than a standard Wiegand device and will only work with Keri controllers based on the PXL-500P family. Size is just 3.4" x 1.4" x 0.38" (86 mm x 36 mm x 10 mm) with a read range of up to 4" (10 cm).



**MS-4000X ShootingStar Proximity Reader** – designed for high crime areas. It has a beveled stainless steel housing so it cannot be pried from its mounting place and the front surface that can withstand a bullet from a .357 or 9mm handgun, and is flame resistant. In addition to the normal front mounting holes, it also has rear "blind" mounting screw holes for extra security. This is a proprietary format reader that offers higher security than a standard Wiegand device and will only work with Keri controllers based on the PXL-500P family. It measures 5.25" x 2.00" x 0.75".

**MS-5000BX and MS-5000WX MiniStar Proximity Reader** – designed to mount on a standard USA single gang box, the MiniStar provides up to 7" (18 cm) read range. This is a proprietary format reader that offers higher security than a standard Wiegand device and will only work with Keri controllers based on the PXL-500P family. It measures just 4.3" x 3.0" x 0.38" (109 mm x 76 mm x 10 mm). The MS-5000BX is black and the MS-5000WX is white.



**MS-7000X SuperStar Reader** – this reader provides up to 15" (38 cm) read range for applications where extra range adds to the convenience of the system, such as parking entrances or reading through extra thick building materials. This is a proprietary format reader that offers higher security than a standard Wiegand device and will only work with Keri controllers based on the PXL-500P family. The reader measures just 6" x 8.5" x 0.83" (15.2 cm x 21.6 cm x 2.1 cm), smaller than other readers with comparable read ranges.



**KC-10X, KC-26X, KC-10 (C-5) Standard Light Proximity Cards** – the KC family of cards is thin enough to be "wallet-friendly" yet durable enough to carry a lifetime warranty. They come standard with a vertical slot punch and can accept photos and graphics via industry standard adhesive packs (dye sublimation or laminated). Size is 2.13" x 3.38" x 0.065" (54 mm x 86 mm x 1.6 mm). Sequentially numbered (C-5 formatting excepted). For use only on Keri's MS series of proximity readers, the **KC-26X** is a legacy card, for use only with **IntelliProx** series products and only when using the 26 Bit Wiegand output.

**MT-10XP, MT-10XM, MT-26XP and MT-26XM Multi-Tech Imageable Cards** – a PVC card capable of accepting images from industry standard dye sublimation printers. Optionally, it can come with magnetic stripe (**MT-10XM, MT-26XM**) or without (**MT-10XP or MT-26XP**). Size is 2.13" x 3.38" x 0.042" (54 mm x 86 mm x 1.1 mm). For use only on Keri's MS series of proximity readers.



**PKT-10X, PKT-26X and PKT-10 (C-5) Proximity Key Tag** – the industry's smallest and most durable proximity key tag. The tag is so durable it can withstand the weight of a vehicle. Size is 1.57" x 0.98" x 0.157" (40 mm x 25 mm x 4 mm). Sequentially numbered (C5 formatting excepted). For use only on Keri's MS series of proximity readers, the **PKT-26X** is a legacy card, only for use with **IntelliProx** series products and only when using the 26 Bit Wiegand output.

#### Card and Badging Accessories

**PVC-9 Imageable Overlay** – the overlay is a thin sheet of PVC that can accept an image from printers using a dye sublimation process. It has a peel off backing revealing a sticky back capable of adhering to virtually any proximity or swipe card.

**Clip** – **Clips** are simple devices that attach to a hole in the card and clips to the user's clothing. It is somewhat flexible and easily removed so the card can be switched to different articles of clothing.



**Pouches** - The **Pouch** allows the card holder to protect the card by slipping it into the protective covering. The pouch then clips to the user's clothing. Horizontal or vertical pouches are available.

#### RF Transmitter/Receiver Systems

**MS-1400 Keri Key Access Receiver** - the unit provides a long range, two channel receiver with up to 300 feet range. Used with the TM series transmitters. Capable of operating two separate gate control devices when used with the TM-40 transmitters.

**TM-10, TM-10MS, TM-10FW, TM-40, TM-40MS, TM-40FW Transmitters** - the TM-10 (1 button) and the TM-40 (4 button) long range transmitters (clickers) with optional credential tags for use with standard proximity readers.

**V-Track Long Range Vehicle ID System** - The V-Track transmitter offers up to 30' of read range. The tag is typically mounted on the windshield of the vehicle. The standard reader system has everything required for a single lane, single direction. An optional exciter kit allows the system to expand to control a 2nd lane provided that the read direction is opposite the first one. Either PXL-500P interface or 26 bit Wiegand output is available.



**WRR-42 Ranger Long Range Receiver** - Keri has updated its clicker offering with the Farpointe Ranger product. It offers enhanced read range and advanced anti-cloning schemes not found in other products. The two channel Ranger Receiver (Channel A or B) allows Ranger Transmitter data to be outputted over a pair of Wiegand channels.

**WRT-1, WRT-4 Ranger Long Range Transmitters** - the WRT-1 (1 button) and the WRT-4 (4 button) Transmitters integrates the convenience of long range identification with the simplicity of proximity access control. The transmitters includes a key chain, and a Farpointe proximity insert can also be included as an option.



#### Pyramid Series Proximity Readers, Cards and Tags



**P-300H Cascade Door Frame/Mullion Proximity Reader** – the **P-300** is designed to mount directly on a metal window/door frame (mullion) or any other location a small reader is required. This Wiegand output device will work with Keri controllers based on the **PXL-500W** family, and have Farpointe and HID compatibility. Size is just 3.0" x 1.5" x 0.5" with a read range of up to 4" (10 cm).



**P-400H Gibraltar Vandal Resistant Proximity Reader** – the **P-400** is designed for high crime areas. It has a beveled stainless steel housing so it cannot be pried from its mounting place and the front surface can withstand a bullet from a .357 or 9mm handgun, and is flame resistant. In addition to the normal front mounting holes, it also has rear "blind" mounting screw holes for extra security. This Wiegand output device will work with Keri controllers based on the **PXL-500W** family, and have Farpointe and HID compatibility. It measures 5.25" x 2.00" x 0.75".

**P-500H Alps Switch Plate Proximity Reader** – the **P-500** is designed to mount on US single gang electrical boxes or directly on the wall. This Wiegand output device will work with Keri controllers based on the **PXL-500W** family, and have Farpointe and HID compatibility. Dimensions are 4.50" x 3.00" x 0.38" with a read range of up to 5" (10 cm).



**P-640H Patagonia Piezo Keypad/ Proximity Reader** – this rugged yet economical reader combines both keypad and proximity into a single product, and offers unmatched read range for a product of this type. It is designed to mount on a US single gang electrical box or directly on the wall. This Wiegand output device will work with Keri controllers based on the **PXL-500W** family, and have Farpointe and HID compatibility. Dimensions are 4.60" x 3.00" x 0.70" with a read range of up to 6" (152 mm).

**P-700H Yukon Medium Range Proximity Reader** – the **P-700** will mount directly to a wall or gooseneck. This Wiegand output device will work with Keri controllers based on the **PXL-500W** family, and have Farpointe and HID compatibility. It measures 8.50" x 6.00" x 1.00" and has a read range of 14".



**DELTA3 Mutli-Technology Contactless Smartcard Reader** – the **DELTA3** a true multi-technology platform, Delta readers feature card adaptive technology, allowing them to read a wide range of credentials. This reader is designed to mount directly on a metal window/door frame (mullion) or any other location a small reader is required, and includes standoff & black cover. This Wiegand output device will work with Keri controllers based on the **PXL-500W** family.

**DELTA5 Mutli-Technology Contactless Smartcard Reader** – the **DELTA5** a true multi-technology platform, Delta readers feature card adaptive technology, allowing them to read a wide range of credentials. This reader is designed to mount on US single gang electrical boxes or directly on the wall, and includes standoff & black cover. This Wiegand output device will work with Keri controllers based on the **PXL-500W** family.



**DELTA6.4 Mutli-Technology Contactless Smartcard Reader** – the **DELTA6.4** a true multi-technology platform, Delta readers feature card adaptive technology, allowing them to read a wide range of credentials. This reader combines both keypad and proximity into a single product. It is designed to mount on a US single gang electrical box or directly on the wall, and includes standoff & black cover. This Wiegand output device will work with Keri controllers based on the **PXL-500W** family.

**PSC-1** – the **PSC-1** family of cards are thin enough to be "wallet-friendly" yet durable enough to carry a lifetime warranty. They come standard with a vertical slot punch and can accept photos and graphics via industry standard adhesive packs (dye sublimation or laminated). Size is 2.13" x 3.38" x 0.065" (54 mm x 86 mm x 1.6 mm). For use on Pyramid Series proximity readers only.



**PSM-2P and PSM-2S** – a PVC card capable of printing images from industry standard dye sublimation printers. Optionally, it can come with magnetic stripe, **PSM-2S** or without, **PSM-2P**. Size is 2.13" x 3.38" x 0.042" (54 mm x 86 mm x 1.1 mm). For use on Pyramid Series proximity readers only.

**PSI-4** – the **PSI-4** offers the same functionality as the **PAM** family of cards but is thicker and carries a lifetime warranty. Dimensions are 2.23" x 3.38" x 0.046"



**PSK-3** – the industry's smallest and most durable proximity key tag. The tag is so durable it can withstand the weight of a vehicle. Size is 1.57" x 0.98" x 0.157" (40 mm x 25 mm x 4 mm). Sequentially numbered. For use with the Pyramid Series of proximity readers only.

**SMC-1 and SMC-4** - a Mifare ISO Style thin credential multi-technology 1-kByte or 4-kByte memory smartcard.

### Other Reader Technologies



**SX-34 Essex Piezo Keypad Reader** – an extremely rugged keypad that provides a 26 bit Wiegand output signal. Dimensions are 5.125"H x 3.375"W x .438"D. This unit will only work with the Keri controllers based on the **PXL-500W** family. Programmable to almost any format.

**BC-60 Barcode Reader** – this indoor, barcode reader is capable of most standard barcode formats as well as many of the Kronos, proprietary formats. It provides a Wiegand output suitable to interface to a **PXL-500W** family of products.



### Demo Equipment

**DC-NXT1 Demo Case** – containing an NXT-2D, NXT reader, NXT-4X4 and a switch/indicator box, this is an ideal tool for either training or demonstrations of the NXT software and hardware capabilities. It comes with power supply and custom hard sided carrying/shipping case.

**DC-550 Networkable Demo Suitcase** – the perfect tool for demonstrating Keri's family of networkable products. It includes a PXL-500P, PXL-500W, BioPointe (KFR-82), SB-593s (2ea.), Power Supplies, Cards and Tags, and Doors Software. It is pre-wired to several input devices. Optional equipment like Entraguards and the Time and Attendance units can be added.



### Photo Badging Printers



**Magicard Pronto Printer** - the Magicard Pronto printer features single card feed that allows you to produce a personalized card on demand in moments. Its light and compact design makes it easy to transport to any location.

**Magicard RIO 2 Printer** – the Magicard RIO 2 printer is a high security printer, which features single-sided ID card printing. This professional ID card printer is designed to handle all volumes of card printing, and now comes standard with free Ethernet built in.



**Magicard Enduro Printer** – the Magicard Enduro is a single-sided printer which can be easily field upgraded to a dual-sided printer by means of a simple drop-in upgrade.

**Magicard Tango Printer** – the Magicard Tango printer is a high security printer, which features double-sided ID card printing. This professional ID card printer is designed to handle all volumes of card printing, and now comes standard with free Ethernet built in.



### Training and Discounts



**Keri Technical Institute** - training is achieved via our on-line live training program. You can now review and register for any of our online training sessions through this we site! The Keri Technical Institute hosts regular online training sessions with a live instructor to help you learn more about the use and installation of your Keri products. Both Installer and End User Training are available. For more information, see [www.kerisys.com](http://www.kerisys.com) and click on **Get Training From Keri Technical Institute** in the **Quick Links** section on the left side of the page.

**PXL Large Project Discount** – customers may receive a discount for individual projects using a large number of controllers and readers. To be eligible for the discount customers must:

- meet all credit terms
- supply the name and location of the project
- take delivery of all equipment within 30 days

Discounts do not apply to stocking orders and only apply to PXL Controllers, SB-593 Satellite II Expansion Board, Elevator Controllers, and Proximity Reader technologies.



### III) Cabling Requirements, Recommended Peripherals and Configuration Guide

#### Cabling Requirements for NXT, PXL-500, PXL-510, LC-502, LC-508, SB-593 and Entraguard Products

Note: 1) Part numbers for cable are given for both Belden and Alpha Wire. Either are acceptable for use.  
 2) The term "PXL" is used as a general term for all controllers except the Entraguard.

RS-485	
<b>NXT-2D/-4D to NXT-4x4 (with or without 1R/3R/5R Readers)</b>	Belden 8723

- 22 AWG, 4 conductor, shielded, stranded, twisted pair

RS-232	Cable Type
<b>PXL to Modem</b>	Belden 9535 Alpha 6305
<b>Modem to PC</b>	Belden 9536 Alpha 6306

- 24 AWG, 5 conductor and 6 conductor, shielded, stranded

RS-485	Cable Type
<b>PXL or Entraguard Network</b>	Belden 9501 Alpha 5471C

- 24 AWG, twisted, shielded pair

Power	Cable Type
<b>Power Supply to NXT-2D or NXT-4D</b>	Belden 8461

- 18 AWG, 2 conductor stranded, twisted pair

RS-232	Cable Type
<b>PXL or Entraguard to PC</b>	Belden 9534 Alpha 6300/4

- 24 AWG, 4 conductor, shielded, stranded

Power	Cable Type
<b>Power Supply to PXL or Entraguard</b>	Belden 8461

- 18 AWG, 2 conductor, stranded

Door Lock, Alarm Out or General Output Device	Cable Type
<b>PXL, SB-593, Entraguard, or NXT</b>	Belden 8782 Alpha 1944

- 22 AWG, 2 conductor, stranded → higher current draw devices may require a heavier wire gauge

Door Contact, Request to Exit or General Input Device	Cable Type
<b>PXL, SB-593, Entraguard, or NXT</b>	Belden 8782 Alpha 1944

- 22 AWG, 2 conductor, stranded

Reader Type	Cable Length to Reader		
	100 feet	250 feet	500 feet
<b>NXT-1R/NXT-3R/NXT-4R/NXT-5R to NXT-2D or NXT-4D</b>	Belden 8723 Alpha 2466C	Belden 8723 Alpha 2466C	Belden 8723 Alpha 2466C

- 22 AWG, 4 conductor, shielded, stranded, twisted pair running up to 1,000 feet

Reader Type	Cable Length to Reader		
	100 feet	250 feet	500 feet
<b>MS-3000/MS-4000/MS-5000 to PXL</b>	Belden 9536 Alpha 6306	Belden 9536 Alpha 6306	Belden 9536 Alpha 6306
<b>MS-7000 to PXL</b>	Belden 9536 Alpha 6306	Belden 9536 Alpha 6306	Belden 5304FE

- 24 AWG, 6 conductor shielded, stranded except for MS-7000 running more than 250 feet
- 18 AWG, 6 conductor, shielded, stranded for MS-7000 running more than 250 feet

Reader Type	Cable Length to Reader		
	100 feet	250 feet	500 feet
<b>P-300/P-400/P-500/SX-34/BC-60 or other low current draw device to PXL</b>	Belden 9537	Belden 9537	Belden 9537
<b>P-700 or other high current draw device</b>	Belden 5306FE	Belden 5306FE	Belden 5306FE

- 24 AWG, 7 conductor shielded, stranded → for low current devices
- 18 AWG, 8 conductor, shielded, stranded → for high current devices

#### Connections for LAN-520 or NXT Controllers

All standard Category 5 (Cat5) or higher, Ethernet cable is applicable.

### **Recommended Peripherals**

Peripherals listed in the tables below, are not provided by Keri Systems, but have been tested and certified by Keri to work properly in PXL-500/PXL-510, Entraguard and Doors 32 based systems. Items not listed below are not guaranteed to work.

### **Power Supplies**

Minimum Requirements

- *Regulated, linear power supplies recommended - approved switching power supplies (switching power supplies that generate EMI will degrade the system performance and are not approved for use)*

**Table 1: Recommended Power Supplies**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Works with Entraguard	Keri Systems Model Number
<i>ESD</i>	<i>12 Volt 2 Amp</i>	<i>LP-2</i>	Yes	Yes	Yes	<i>KPS--5</i>
<i>ESD</i>	<i>12 Volt 10 Amp</i>	<i>LP-10</i>	Yes	Yes	Yes	<i>KPS-11</i>
<i>Golden Pacific</i>	<i>12 Volt 1.2 Amp</i>	<i>PD-1212AR</i>	Yes	Yes	Yes	<i>KPS-7</i>

### **Surge and Lightning Protectors**

Minimum Requirements

- *3 stage protection devices*

**Keri's new offering (from Farpointe Data) for long range "clicker" Wiegand compatibility. For PXL-500P and MS Proximity compatibility use KeriKey clickers and receive**

Description	Model Number	Available from Keri Systems	Normally Stocked	Works with Entraguard	Keri Systems Model Number
<i>3 stage protection device</i>	<i>485HESP</i>	No	No	Yes	--

### **Modems**

Minimum Requirements

- *When connecting to a remote site via modem, Keri Systems requires that the modems used be from the same manufacturer at both the host computer and the remote site. This eliminates the possibility of incompatibilities between modems from two different m*
- *Hayes Compatible*
- *nonvolatile (NV) RAM back-up*

**Table 3: Recommended Modems**

Manufacturer	Description	Model Number	Available from Keri	Normally Stocked	Works with Entraguard	Keri Systems Model Number
<i>2 Door NXT Controller</i>						
<i>Diamond</i>	<i>Supramax</i>	<i>56K V.92 EXT</i>	Yes	Yes	Yes	<i>EXM-56</i>

**Short-Haul Modems (Line Drivers) for Extended RS-232 Communication****Recommended Peripherals**

Minimum Requirements

Continued

- None

**Table 4: Recommended Short Haul Modems (Line Drivers)**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Works with Entraguard	Keri Systems Model Number
	Doors NXT - Badging Client Doors to Doors NXT Conversion					
	<i>Direct Connect</i>					
<i>Telebyte</i>	<i>Short Haul</i>	201	No	No	Yes	--
<i>Telebyte</i>	<i>Short Haul</i>	206	No	No	Yes	--

**Bar Code Readers**

Minimum Requirements

- 26-bit Wiegand output
- capable of reading code 3 of 9 bar codes

**Table 5: Recommended Bar Code Readers**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Keri Systems Model Number
	NXT to Doors.NET Conversion				
<i>International Bar Code</i>	<i>Indoor/Out-door Reader</i>	<i>IHG0L000 W6R2</i>	Yes	Yes	<i>BC-60</i>

**Wiegand Output Stripe Readers**

Minimum Requirements

- 5 to 12 VDC

**Table 6: Recommended Wiegand Stripe Readers**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Keri Systems Model Number
<i>HID</i>	<i>Imbedded Wire</i>	310	No	No	--

Minimum Requirements

- 5 to 12 VDC
- Wiegand output

**Table 7: Recommended Wiegand Proximity Readers**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Keri Systems Model Number
<i>FarPointe Data/Pyramid</i>	<i>Proximity Reader</i>	<i>All Wiegand Output Readers</i>	Yes	Yes	<i>P-Series Readers</i>
<i>HID</i>	<i>Proximity Reader</i>	<i>Mini Prox-5365 ProPro-5355</i>	No	No	--
<i>Indala</i>	<i>Proximity Reader</i>	<i>ASP Series</i>	No	No	--

**Keypads**

Minimum Requirements

- 26-bit Wiegand output

**Recommended Peripherals**

Continued

**Table 8: Recommended Keypads**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Keri Systems Model Number
<i>Essex</i>	<i>2x6 Keypad</i>	<i>KTP-102-S</i>	<i>Yes</i>	<i>No</i>	<i>SX-26</i>

**Biometric Readers**

Minimum Requirements

- 26-bit Wiegand output

**Table 9: Recommended Biometric Readers**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Keri Systems Model Number
<i>Recognition Systems, Inc</i>	<i>Hand Geometry</i>	<i>ID3D-R</i>	<i>No</i>	<i>No</i>	<i>--</i>
<i>Recognition Systems, Inc</i>	<i>Hand Geometry</i>	<i>HKCR</i>	<i>No</i>	<i>No</i>	<i>--</i>
<i>Bioscrypt Identification, Inc</i>	<i>Fingerprint Verification</i>	<i>V-Pass</i>	<i>No</i>	<i>No</i>	<i>--</i>
<i>Bioscrypt Identification, Inc</i>	<i>Fingerprint Verification</i>	<i>V-Flex</i>	<i>No</i>	<i>No</i>	<i>--</i>
<i>Bioscrypt Identification, Inc</i>	<i>Fingerprint Verification</i>	<i>V-Prox</i>	<i>No</i>	<i>No</i>	<i>--</i>
<i>Bioscrypt Identification, Inc</i>	<i>Fingerprint Verification</i>	<i>V-Smart</i>	<i>No</i>	<i>No</i>	<i>--</i>
<i>Safety Technology International, Inc.</i>	<i>Biopointe Reader Enclosure</i>	<i>STI-7511F</i>	<i>No</i>	<i>No</i>	<i>--</i>
<i>Safety Technology International, Inc.</i>	<i>Biopointe Reader Enclosure w/Heater</i>	<i>STI-7511F-24HTR</i>	<i>No</i>	<i>No</i>	<i>--</i>

**Web Cameras/Digital Cameras - for Badging Applications**

- Varies by operating system

**Fiber Optic Data Link**  
Minimum Requirements

**Recommended Peripherals**  
Continued

- RS-485 communications

**Table 10: Recommended Fiber Optic Data Link Devices**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Keri Systems Model Number
International Fiber Systems (IFS)	Single Line RS-485 Fiber Optic Link	D1300	No	No	--
International Fiber Systems (IFS)	Two Line RS-485 Fiber Optic Link	D2300	No	No	--

**USB Port Adaptors**  
Minimum Requirements

- None

**Table 11: Recommended USB Adaptors**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Keri Systems Model Number
IOGEAR	USB PDA/Serial Adaptor	--	No	No	--
Belkin	USB Serial Adaptor	--	No	No	--
Tripp-Lite	Keyspan High Speed USB Serial Adapter	USA-19HS	Yes	Yes	KUSC-10

**Card Reader / Keypad Housing**  
Minimum Requirements

- Simple hand tools

**Table 12: Recommended Reader / Keypad Housing**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Keri Systems Model Number
The Housing Company	Lexan Polycarbonate 7" x 7" x 3.5"D	PCH049	No	No	--
The Housing Company	Lexan Polycarbonate 7" x 13" x 3.5"D	PCH091	No	No	--
The Housing Company	Lexan Polycarbonate 4" x 14" x 3.5"D	PCH196	No	No	--

\*\*\*NOTE: Contact The Housing Company (678) 799-7539 / [www.thehousingcompany.com](http://www.thehousingcompany.com)

**Gate Operators**  
Minimum Requirements

- Varies by operating system

**Table 13: Recommended Gate Operators**

Manufacturer	Description	Model Number	Available from Keri Systems	Normally Stocked	Keri Systems Model Number
Edko, Inc.	Barrier Gate Operators	N/A	No	No	--
Edko, Inc.	Swing Gate Operators	N/A	No	No	--
Edko, Inc.	Slide Gate Operators	N/A	No	No	--

\*\*\*NOTE: Contact Edko for specific part number (800) 800-EDKO - (800) 800-3356 / [www.edko.com](http://www.edko.com)