P-640
PATAGONIA PROXIMITY READER & KEYPAD

DOORS   PARKING   TURNSTILES   KEYPAD

Pyramid Series Proximity®

Frequency: 125 kHz
Read Range: Up to 7 inches (176 mm)

MAXSecure™
Integrated High-Security Technology

fleaPower™
Energy-Conservation Technology

Pro-X™
Read-Range Boosting Technology

ETL Listed
Independently Tested and Certified to Conform to UL Standard 294

Warranty
Lifetime Warranty

Wiegand
Output Interface

U.S. Single-Gang Wall-Box Mount
Metal or Plastic Box & Flat Surfaces

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Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Specifications	P-640
Technology	Proximity
Frequency	125 kHz
Mounting	Metal or plastic US single-gang wall box, as well as flat surfaces
Dimensions	3" W × 4.6" H × 0.75" D (76 mm × 117 mm × 19 mm)
OEM Label Area Dimensions	0.9" W × 0.35" H (22.86 mm × 8.89 mm), with corner radius of 0.63" (16 mm)
Weight	4 oz (113 g)
Certifications	FCC, ICC, CE, C-Tick, UL Standard 294[1]
IP Code[2]	IP67
Voltage[3]	+5 – 16 VDC
Current Draw	70 mA typical, 110 mA peak @ 12 VDC
Read Range[4]	Up to 7 inches (176 mm)
Cabling[5]	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand
Operating Temperature	−40° F to 149° F (−40° C to +65° C)
Color Options	Black and a white snap-on cover included standard
Audio Tone	Beeper included standard
Indoor & Outdoor Installation	Electronics sealed in weather- and tamper-resistant epoxy potting
Warranty	Limited lifetime warranty
LED	Four-state standard (red, green, amber, and off)
Keypad Output[6]	Wiegand
Technologies Supported	P-640: *Pyramid Series* Proximity® Cards and Tags[7] P-640-H: Pyramid + certain HID® 125-kHz Proximity protocols[8] P-640-A: Pyramid + certain AWID® 125-kHz Proximity protocols[9] P-640-H-A: Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols

NOTES:

1   Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294.
2   Self evaluated.
3   Linear power supplies are recommended for best operation.
4   Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader.
5   For example, Belden 9535 or similar.
6   8-Bit Burst or 26-bit Wiegand standard; for 4-Bit Burst and other options, please contact Farpointe.
7   Examples may include, and may not be limited to, PSC-1, PSI-4, PSM-2, PSK-3, and PDT-1.
8   Examples may include, and may not be limited to, ProxCard II®, ISOProx® II, and ProxKey® II.
9   Examples may include, and may not be limited to, CS Prox Card, GR (ISO) Graphics Quality Prox Card, and KT Key Tag.

ETL LISTED US
Intertek

DORMA

Farpointe Data, Inc.
1376 Borregas Avenue
Sunnyvale, CA 94089-1004 USA
Office: +1-408-731-8700
Fax: +1-408-731-8705
support@farpointedata.com

www.farpointedata.com