

RCI P-640-H-A

125kHz standard security keypad reader



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RCI Pyramid 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 either the legacy Wiegand or the latest bi-directional Open Supervised Device Protocol (OSDP). 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.

 MAXSecure™ Unique Security Feature	 fleaPower™ Energy-Conservation Technology	 Pro-X™ Read-Range Boosting Technology	 ETL Listed Independently Tested and Certified (Wiegand models) Conform to UL Standard 294 and ULC 60839-11-1
 Warranty Limited Lifetime Warranty	 Wiegand or OSDP Output Interface	 Metal or Plastic Box & Flat Surfaces	 Frequency: 125 kHz Read Range: Up to 7 inches (176 mm)

Specifications

P-640-H-A

Technology	Proximity
Frequency	125 kHz
Mounting	Metal or plastic US single-gang wall box, as well as flat surfaces
Dimensions	3" W x 4.6" H x 0.75" D (76 mm x 117 mm x 19 mm)
Weight	4 oz (113 g)
Certifications	FCC, ICC, CE, C-Tick, UL Standard 294, ULC 60839-11-1
IP Code	IP67
Voltage	+5 to 16 VDC
Current Draw	70 mA typical, 110 mA peak @ 12 VDC
Read Range	Up to 7 inches (176 mm)
Cabling	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand (26-bit and custom formats) or OSDP
Operating Temperature	-31° F to 150° F (-35° C to +66° C)
Operating Humidity	0% to 90% relative humidity
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	Either Wiegand or OSDP
Technologies Supported	P-640-H-A: Pyramid + certain HID 125-kHz Proximity protocols + certain AWID 125-kHz Proximity protocols

NOTES:

Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Wiegand models have been evaluated.

IP67 Independently tested and verified by Intertek. Linear power supplies are recommended for best operation. Read range utilizing PSC-1 Standard Light Proximity Card with 12 VDC at the reader. Range can be affected by installation scenario.

Cabling: Belden 9535 or Belden 9539 or similar, for all reader functions. Shielded, twisted pair (Belden 8723 or similar) for OSDP. Keypad output 8-Bit Burst or 26-bit Wiegand standard, for 4-Bit Burst and other options, please contact your representative.

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