![dormakaba logo]

RCI P-500-H-A
125kHz Standard security reader

P-500-H-A

RCI P-500-H-A Proximity reader

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	**U.S. Single-gang wall-box mount** Metal or plastic box & flat surfaces	**Frequency:** 125 kHz **Read range:** Up to 8 inches (202 mm)

Factsheet

P-500-H-A Specifications

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 × 0.4" D (76 mm × 117 mm × 10 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	35 mA typical, 75 mA peak @ 12 VDC
Read range	Up to 8 inches (202 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)
Technologies supported	P-500-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. Self 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.

Any questions? We would be happy to advise you.

Contact us at: 1-800-265-6630

dormakaba USA Inc. | 6161 E. 75th St. Indianapolis, IN 46250 | dormakaba.us