

RCI P-900-H-A

125kHz standard security
long range reader

dormakaba 



P-900-H-A

RCI P-900-H-A long range 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/
Double-Gang Wall-
Box Mount** Metal
or Plastic Box,
Parking Bollards &
Non-Metallic Flat
Surfaces



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

Specifications

P-900-H-A

Technology	Proximity
Frequency	125 kHz
Mounting	Metal or plastic US single-gang/double-gang wall box, as well as standard parking bollards and non-metallic flat surfaces
Dimensions	10.5" H x 10.5" W x 2" D (267 mm x 267 mm x 51 mm)
Weight	46.4 oz (1315 g)
Certifications	FCC, ICC, CE, UL Standard 294, ULC 60839-11-1
IP Code	IP67
Voltage	+5 to 16 VDC
Current Draw	290 mA typical, 500 mA peak @ 12 VDC
Read Range	Up to 20 inches (504 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 enclosure with a black label concealing mounting screws
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-900-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.

© 2022 dormakaba Inc. All rights reserved. Pyramid, Ranger & Conekt Series Proximity® are the registered U.S. trademarks of Farpointe Data, Inc. All other trademarks are the property of their respective owners.



dormakaba USA Inc.
6161 E. 75th St.
Indianapolis, IN 46250
800.523.8483
www.dormakaba.us

dormakaba Canada Inc.
7301 Decarie Blvd.,
Montreal QC H4P 2G7
888 539-7226

KAA1565 08-22