

P-500-HA

Proximity READER

EMX 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.

Features of Our P-500 Proximity Reader

- Supports a variety of proximity card and tag technologies including Pyramid Series Proximity Cards and certain HID and AWID 125-kHz Proximity protocols
- Features such as MAXSecure™ and fleaPower™ enhancing security and power efficiency
- Robust yet compact design: 3"W x 4.6"H x 0.4"D (76 mm x 117 mm x 10 mm)
- Compatible with a broad array of electronic access control systems
- Reliable and trusted 125-kHz Proximity RFID technology
- Consistent read range up to 8 inches (126 mm)

Overview

- Frequency: 125 kHz
- Read Range: Up to 8 inches (202 mm)
- Dimensions: 3"W x 4.6"H x 0.4"D

P-500-HA



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MORE DETAILS

The TRES-P-500 Proximity Reader **distinguishes itself with its:**

- Flexible mounting options – capable of installation on diverse surfaces including metal door and window frames
- Passive devices, no battery required, ensuring low maintenance
- Compliant with multiple certifications including FCC, ICC, CE, C-Tick, UL Standard 294, and IP67, affirming its quality and safety



Doors



Parking



Turnstiles

TECHNICAL DATA

Product Model	P-500-HA Proximity Reader
Technology	Proximity
Frequency	125 kHz
Mounting	Mullions, metal door and window frames, other surfaces
Dimensions	3"W x 4.6"H x 0.4"O (76 mm x 117 mm x 10 mm)
Weight	4 oz (113g)
Certifications	FCC, ICC, CE, C-Tick, UL Standard 294
IP Code	IP67
Voltage	+5 - 16 VDC
Current Draw	35 mA typical, 75 mA peak @ 12 VDC
Read Range	Up to 8 inches (126 mm)
Cabling	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand ABA Track II
Operating Temperature	-40°F to 149°F (-40°C to +65°C)
Color	Black 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	TRES-P-500: Pyramid Series Proximity Cards and Tags TRES-P-500-H: Pyramid+ certain HID 125-kHz Proximity protocols TRES-P-500-A: Pyramid + certain AWID 125-kHz Proximity protocols TRES-P-500-H-A: Pyramid+ certain HID Proximity protocols + certain AWID 125-kHz Proximity protocols

WARRANTY EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage. There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein. EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship. Rev 3 12/06/2022

