

P-900 Atlas Proximity Reader

Long Range Proximity Reader
Parking Bollard & Wall Box Mount



P-900

High Performance Convenience - Provides read ranges up to 20-inches (508 mm)

Straightforward Installation - Installs directly to a metal or plastic wall box and parking bollard

Wiegand Outputs - Compatible with all standard access control systems

Overview

The P-900 Proximity Reader is a member of the *Pyramid Series Proximity*® line of OEM proximity readers, cards and tags. A high performance design, it is classified as a long range reader, and is capable of delivering read ranges of up to 20-inches (508 mm). The longer read range of the P-900 adds convenience to a wide range of access applications, including turnstiles and parking control.

Technology

- Supports Farpointe's 125-kHz *Pyramid Series Proximity*® cards and tags, as well as either HID® or AWID standard 125-kHz proximity cards and tags
- Making use of Pro-X™ RFID technology, the P-900 offers superior in-class read range
- Wiegand (industry standard 26-bit and custom) and magnetic stripe outputs are standard

Easy Installation

- Single-piece design mounts directly to metal or plastic US single and double gang boxes, as well as standard parking bollard X-mounts, and non-metallic flat surfaces
- For alignment, horizontal and vertical mounting slots are standard
- Electronics are sealed in weather-and tamper-resistant potting offering both indoor and outdoor operation (industry high IP65 rating)

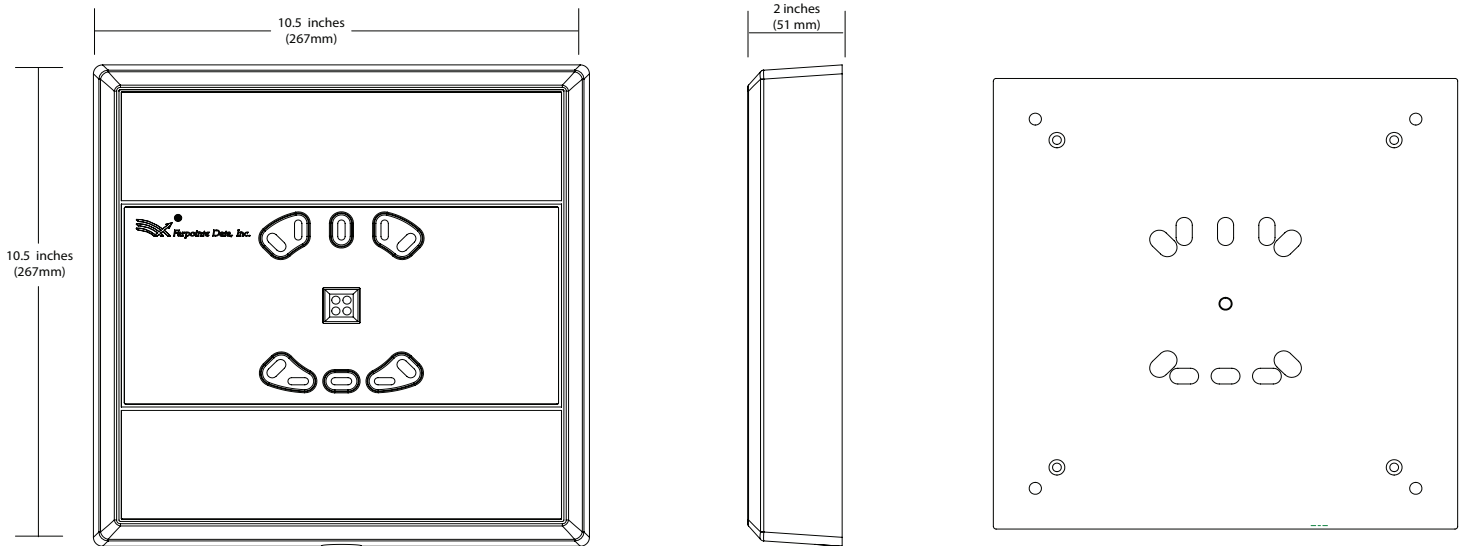
Additional Features

- Recessed label area provides for the option of private labeling
- Mounting screws are hidden, increasing vandal resistance
- MAXSecure™ compatible, providing an additional level of system security
- Oversized LED array, ideal for increased visibility in outdoor installations

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Specifications

Dimensions:	10.5 x 10.5 x 2 inches (267 x 267 x 51 mm)	Operating Temperature:	-40° F to 149° F (-40° C to +65 ° C)
Input Voltage:	+8 to 16 VDC (12V nominal)	Cable Distance:	Up to 500 ft. (152 m)
Current Draw:	200mA typical, 600 mA peak	Audio Tone:	External Piezo Beeper
Transmit Frequency:	125-kHz	Mounting:	Metal or plastic US single and double gang boxes, as well as standard parking bollard X-mounts, and non-metallic flat surfaces
Suggested Linear Power Supplies:	Altronix: model LPS3C12X Electronic Security Devices (ESD): model LP1EST12 Highpower Security Products: Lightning 505	IP Rating:	IP65
Weight:	20.4 Oz. (578 g)	Certifications:	FCC, CE, C-Tick, IC
Read Range^{1,2}:	Up to 20 inches (508 mm)	LED:	Four-state standard (red, green, amber, off)
Formats:	Wiegand (26-bit Industry Standard and custom formats) and ABA Track II magnetic stripe (clock and data)	Credential Compatibility:	P-900: Pyramid Series Proximity P-900-H: Pyramid + HID 125-kHz standard proximity P-900-A: Pyramid + AWID 125-kHz standard proximity P-900-H-A: Pyramid + AWID + HID

¹ Optimized for use with clamshell cards

² For maximum range, power the reader with suggested linear power supply, insure it is connected to a single point earth ground, and use the model PSC-1 Standard Light Proximity Card.