

The P-300 Cascade Proximity Reader is a member of the *Pyramid Series* Proximity line of OEM proximity readers, cards and tags for access control from Farpointe Data. Making use of proven digital radio frequency identification (RFID) technology, it may be mounted directly to a metal door or window frame (mullion). Additionally the P-300 features the option of HID proximity compatibility (model P-300-H) allowing it to read both HID and Pyramid Series cards and tags.

The single-piece P-300 delivers non-contact read ranges up to 4 inches (102 mm), and operates from 5 to 14 VDC. Physical size is a compact 3.0 x 1.5 x 0.5 inches (76x38x12 mm). To allow both indoor and outdoor operation the electronics are secured in tamper-resistant epoxy potting. Concealing the mounting hardware, the P-300 ships with both black and off-white covers standard.

The Pyramid Series line includes a comprehensive selection of proximity access cards and tags that may be used interchangeably with any of the Pyramid Series readers, including the PSC-1 Standard Light Proximity Card, the PSI-4 Image Technology Proximity Card, the PSM-2 Multi-Technology Proximity Card, and the PSK-3 Proximity Key Ring Tag.

- Proximity RFID technology.
 - » No direct physical contact between reader and card required.
- Mounts directly to metal doorframes.
 - » Install on any metal or non-metal surface.
- Beeper and four-state LED standard.
 - » Provisions for both system and local control.
- Pass-Thru Wiegand and magnetic stripe outputs standard.
 - » Compatible with all standard access systems.
- Configurable via Control Cards.
 - » Local customization allows optimized reader operation.
- Black and off-white covers standard in each box.
 - » Choice in color to best match building décor.
- Optional HID compatibility.
 - » When enabled, reads both HID and Pyramid Series cards and tags.
- www.FarpointeData.com.
 - » For the latest on your INTELLIGENT proximity alternative™.



**PYRAMID SERIES
PROXIMITY**

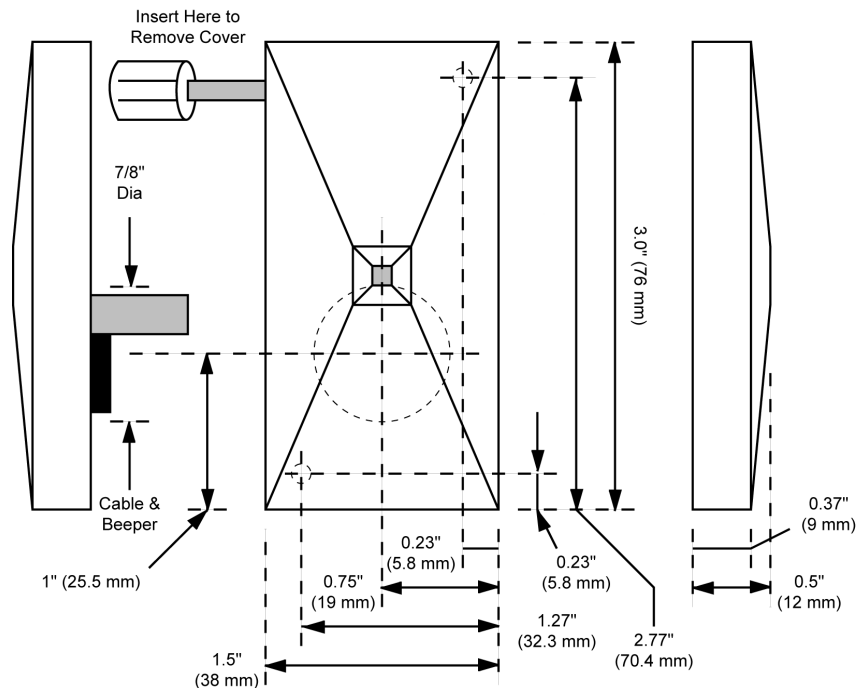
P-300 Cascade Proximity Reader

Data Sheet

Read Range ^a: PSC-1 - Up to 4 inches (102 mm) PSI-4 - Up to 3 inches (76 mm)		PSM-2 - Up to 3 inches (76 mm) PSK-3 - Up to 2 inches (51 mm)	
Size: 3 x 1.5 x .5 inches (76 x 38 x 12 mm)		Weight: 2.6 oz. (74 g)	
Input Voltage ^b: +5 to 14 VDC		Current Draw: 80 mA typical	
LED Indicator: Four-State Standard (Red, Green, Amber, and Off)		Audio Tone: Standard	
Frequency: 125 KHz excitation		Operating Temperature: -40° C to +65° C	
Colors: Black and Off-White		Metal Mounting: May be mounted directly to metal.	
Formats: Wiegand (26-bit Industry Standard and custom formats) and ABA Track II magnetic stripe (clock and data)			
Credential Compatibility: Standard - Pyramid Series Cards and Tags (PSC-1, PSI-4, PSM-2, and PSK-3) Optional ^c - HID (ProxCard II, ISOProx II, and ProxTag II) and Pyramid Series Cards and Tags			
Warranty: The P-300 carries a limited lifetime warranty against defects in materials and workmanship.			
Certifications: CSA, UL, FCC, CE, C-Tick.			

- a. Read range is stated in a clean RF and electrical environment using PSC-1 cards presented parallel to the reader surface with the reader operating at 12 VDC. Additionally, read range may be affected by local installation conditions.
- b. Use of a linear power supply is always recommended.
- c. To designate optional HID compatibility, add the "H" suffix to the model number (e.g. P-300-H). For further information, see the section regarding HID compatibility in the Pyramid Series Reader Product Manual.

Pyramid Series Proximity™



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