P-500 Alps Proximity Reader

PYRAMID SERIES PROXIMITY

The P-500 Alps Proximity Reader is a member of the Pyramid Series Proximity line of OEM proximity readers, cards and tags. Making use of proven digital radio frequency identification (RFID) technology, it may be mounted directly to standard U. S. A. sized single-gang wall boxes. Additionally the P-300 features the option of either HID or AWID proximity compatibility (model P-300-H or P-300-A, respectively), allowing it to read either HID and Pyramid Series cards and tags or AWID and Pyramid Series cards and tags.

The single-piece P-500 delivers non-contact read ranges up to 8 inches (203 mm), and operates from 5 to 14 VDC. Physical size is a compact Physical size is 4.6 x 3.0 x 0.4 inches (116 x 77 x 10 mm). Mounting is simplified with horizontal and vertical mounting slots, instead of simple holes, which allow the reader to be conveniently adjusted and leveled. To allow both indoor and outdoor operation the electronics are sealed in tamper resistant epoxy potting. Concealing the mounting hardware, the P-500 ships with both black and white covers standard.

The Pyramid Series line includes a comprehensive selection of proximity access cards and tags that may be used interchangeable 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.

- Pro-X™ Proximity RFID technology.
- MAXSecure™
- fleaPower™
- Mounts directly to U.S.A. wall-box.
- Beeper and four-state LED standard.
- Pass-Thru Wiegand and magnetic stripe outputs standard.
- Black and off-white covers standard in each box.
- Optional HID compatibility.
- www.FarpointeData.com.

» Best-in-class read range.

» Increase the security of any data format.

» Lower power costs and extend battery life.

» Install on metal or plastic wall-boxes.

» Provisions for both system and local control.

» Compatible with all standard access systems.

» Choice in color to best match building décor.

» When enabled, reads both HID and Pyramid Series cards and tags.

» For the latest on your INTELLIGENT proximity alternative™.

Data Sheet

Pyramid Series Proximity™

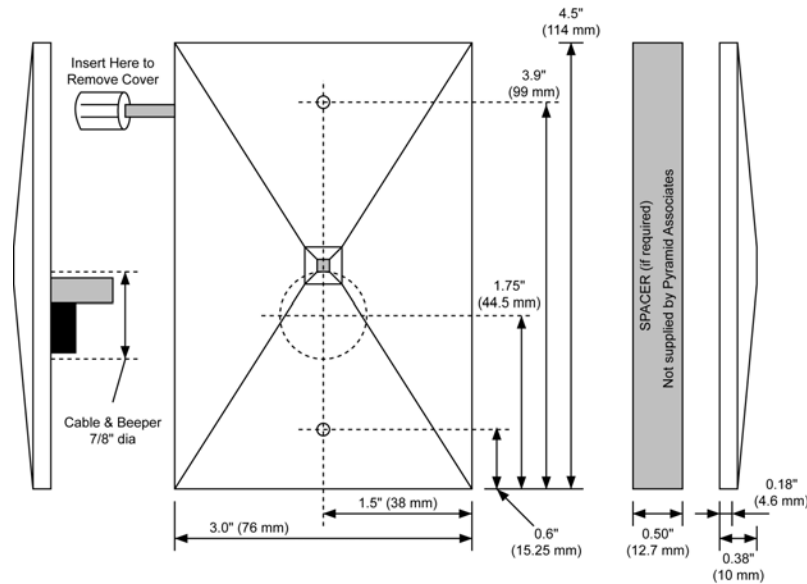|	
Read Range [a]: PSC-1 - Up to 8 inches (203 mm) PSI-4 - Up to 6 inches (152 mm)	PSM-2 - Up to 6 inches (152 mm) PSK-3 - Up to 4 inches (102 mm)
Size: 4.6 x 3 x 0.4 inches (116 x 77 x 10 mm)	**Weight:** 4 oz. (113 g)
Input Voltage [b]: +5 to 14 VDC	**Current Draw:** 7 mA minimum, 45 mA typical, 90 mA peak
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 when using standoff.

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
    Optional [d] - AWID (CS, GR, KT, GRMAG & PW) Pyramid Series Cards and Tags

Warranty: The P-500 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-500-H). For further information, see the section regarding HID compatibility in the Pyramid Series Reader Product Manual.
d. To designate optional AWID compatibility, add the "A" suffix to the model number (e.g. P-300-A). Farpointe also offers Pyramid Series cards and tags in AWID compatible formats. For further information, see the Inter-Brand Technical Reference Document.

Farpointe Data reserves the right to change specifications without notice.

©2006 Farpointe Data, Inc. - All other trademarks are the property of their respective owners.

Protected by U.S. and Worldwide Patents.

Farpointe Data, Inc.
e-mail:sales@pyramidseries.com
web: www.pyramidseries.com

Presented By