

The P-500 Alps 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 flat surface or US single gang electrical boxes. Additionally the P-500 features the option of HID proximity compatibility (model P-500-H) allowing it to read both HID and Pyramid Series cards and tags.

The single-piece P-500 delivers non-contact read ranges up to 5 inches (127 mm), and operates from 5 to 14 VDC. Physical size is 4.5 x 3.0 x 0.38 inches (114x76x10 mm). Allowing for both indoor and outdoor operation the electronics are secured in tamper-resistant epoxy potting. Concealing the mounting hardware, the P-500 ships with attractive black and off-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.

- Proximity RFID technology.
  - » No direct physical contact between reader and card required.
- Mounts directly to single-gang electrical boxes.
  - » Slim, attractive design easy to install on any flat 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](http://www.FarpointeData.com).
  - » For the latest on your INTELLIGENT proximity alternative™.



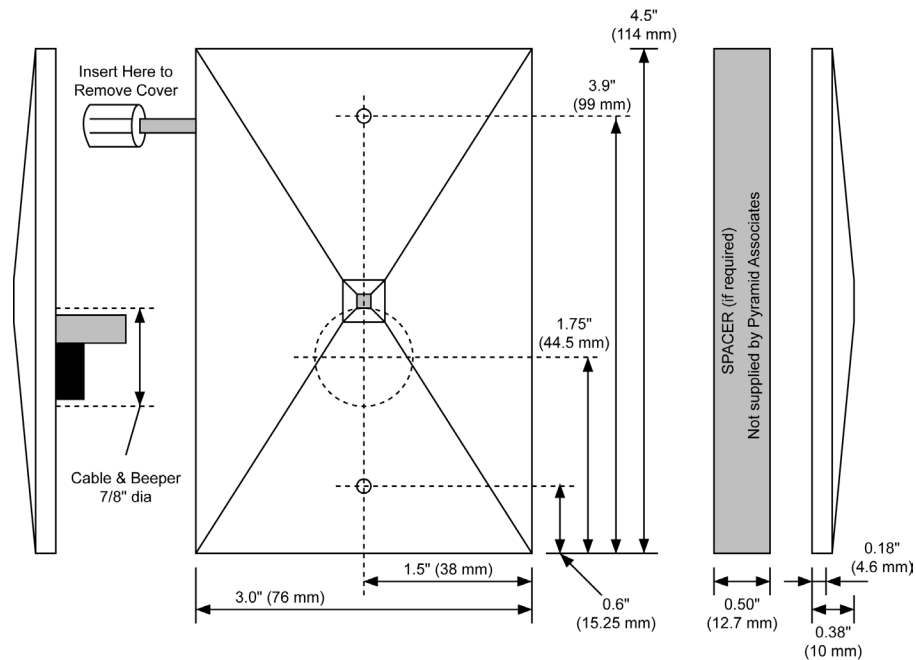
**PYRAMID SERIES  
PROXIMITY**

# P-500 Alps Proximity Reader

Data Sheet

<b>Read Range <sup>a</sup>:</b> PSC-1 - Up to 5 inches (127 mm) PSI-4 - Up to 4 inches (102 mm)		PSM-2 - Up to 4 inches (102 mm) PSK-3 - Up to 3 inches (76 mm)	
<b>Size:</b> 4.5 x 3 x 0.38 inches (114 x 76 x 10 mm)		<b>Weight:</b> 3.2 oz. (91 g)	
<b>Input Voltage <sup>b</sup>:</b> +5 to 14 VDC		<b>Current Draw:</b> 90 mA typical	
<b>LED Indicator:</b> Four-State Standard (Red, Green, Amber, and Off)		<b>Audio Tone:</b> Standard	
<b>Frequency:</b> 125 KHz excitation		<b>Operating Temperature:</b> -40° C to +65° C	
<b>Colors:</b> Black and Off-White		<b>Metal Mounting:</b> May be mounted directly to metal when using standoff.	
<b>Formats:</b> Wiegand (26-bit Industry Standard and custom formats) and ABA Track II magnetic stripe (clock and data)			
<b>Credential Compatibility:</b> Standard - Pyramid Series Cards and Tags (PSC-1, PSI-4, PSM-2, and PSK-3) Optional <sup>c</sup> - HID (ProxCard II, ISOProx II, and ProxTag II) and Pyramid Series Cards and Tags			
<b>Warranty:</b> The P-500 carries a limited lifetime warranty against defects in materials and workmanship.			
<b>Certifications:</b> CSA, UL, FCC, CE, C-Tick.			

- 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.
- Use of a linear power supply is always recommended.
- 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.



Farpointe Data reserves the right to change specifications without notice.

©2004 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