



## Proximity Readers and Credentials



### Readers provide:

- ▶ High reliability
- ▶ Consistent read-range characteristics
- ▶ Easy installation and use
- ▶ 125 kHz transmit frequency

### Credentials offer:

- ▶ Compatibility with all DMP and Farpointe Data Proximity readers
- ▶ Potted electronics for indoor or outdoor use
- ▶ 125 kHz transmit frequency

## FEATURES

### Reader

- ▶ Compatible with all DMP panels
- ▶ Easily interfaces with DMP X1, 7073, 7073A, 7173, or 7800 Series keypads, and 734, 734N, 734N-POE or 734N-Wi-Fi Access Control Interface Modules
- ▶ Weatherized enclosures for indoor and outdoor applications
- ▶ Mounts directly on metal enclosures without a drop in performance
- ▶ Built-in self-test routine at start-up to verify reader operation
- ▶ Indicator LED for card read verification
- ▶ Low power consumption

### Credential

- ▶ Unaffected by body shielding or environmental conditions
- ▶ Strong and flexible for resistance to cracking and breaking
- ▶ Applications for individual or vehicle access available



### VISUAL INDICATION

When a proximity card is presented to the readers, the LED can be configured to indicate a valid card read or to follow the state of the door.

### DIAGNOSTICS

On reader power-up, an internal self-test routine verifies the setup configuration and initializes the reader operation. An additional external loop-back test allows reader outputs and inputs verification without using additional test equipment.

### INDOOR/OUTDOOR DESIGN

The readers are sealed in weatherized polycarbonate enclosures designed to withstand harsh environments as well as provide a high degree of vandal resistance. This allows reliable performance anywhere.

### EASILY INTERFACED

The readers interface with all existing Wiegand protocol access control systems and output data in Wiegand format.

### P-300-H-A CASCADE

The P-300 Cascade Proximity Reader is so small and inconspicuous, you barely know it is there. Sporting an internal beeper and LED, the P-300 Cascade is priced to fit even the tightest budget. The P-300 has a 5 inch read range and can mount directly on metal.

The reader accepts 5 to 16 Volts, covering most voltage requirements. The 5 Volt capability allows existing swipe-type access control installations to easily upgrade to proximity technology, simply by changing the existing reader heads and cards. No rewiring or new cable pulling is necessary.



### P-500-H-A ALPS

The P-500 Alps Proximity Reader boasts a slim design to match any decor. The reader accepts 5 to 16 Volts, so that one model can meet most voltage requirements. The reader also offers an internal beeper and a multi-color LED for audio and visual card read verification. The P-500 has a 8 inch read range and can mount directly on metal without affecting its performance.



### P-620-H-A DENALI

The new premium P-620-H-A Proximity Reader, which incorporates HID® and AWID® technology, uses the proven radio frequency identification (RFID) technology and will read up to 5 inches away. Its sleek and slim design makes it easy to install with a mullion mount to metal doors, window frames and flat surfaces. It's ideal for security applications that require a card and/or a PIN with its back-lit keypad for additional security.



### P-640-H-A PATAGONIA

The P-640 Patagonia Proximity Reader and Keypad accepts access credential and/or PIN via the keypad. In addition to the internal beeper and color LED for audible and visual card-read verification, the P-640 contains fully potted electronics to prevent damage due to weather and tampering. The P-640 has a 7 inch read range and can mount directly on metal. The reader accepts 5-16 Volts including reverse voltage protection.



## READERS AND CREDENTIALS

### PSC-1 STANDARD LIGHT PROXIMITY CARD

The PSC-1 Standard Light Proximity Card incorporates radio frequency identification electronics into a thin durable polycarbonate package approximately the size of a standard credit card. Thin and flexible enough to be carried in a wallet or on a strap clip, the PSC-1 replaces the thicker, more rigid proximity cards.

Easily customize the PSC-1 card with multi-colored graphics. Apply a self-adhesive photo pouch or PVC overlay and the PSC-1 is also compatible with most photo ID systems. Read range up to 8 inches.



### PSK-3 PROXIMITY KEY RING TAG

The PSK-3 Proximity Key Ring Tag incorporates proximity technology into a device approximately the size of an automobile key. Small and convenient, the PSK-3 is always there when you need it, on your key ring.

Advanced technology allows PSK-3 programming with up to 26 bits of Wiegand formatted information for universal compatibility with all Wiegand reader applications.



### PSM-2P ISO IMAGEABLE PROXIMITY CARD

The Ultra-thin PSM-2P Imageable Proximity Card offers proximity technology and photo identification on a single access control card. Made of PVC, the PSM-2P is thin, durable, and flexible.

The PSM-2P card combines photo identification with proximity technology. Save time and money by printing a photo ID directly on the PSM-2P card with the new generation of photo imaging printers, making the photo, cut, paste, and lamination process a thing of the past.



SPECIFICATIONS

Reader Specifications

All readers have the following specifications:

Material	Polycarbonate UL 94
Operating Temp	-40°F to 149°F
Operating Voltage	+5-16 VDC
Transmit Frequency	125 kHz

Note: All Current Draw specifications are based upon 12 VDC.

P-300-H-A

Dimensions	1.7" × 3.2" × 0.7"
Power Supply	5-16 VDC
Current Draw	
Average	30 mA
Peak	75 mA
Weight	3 oz

P-500-H-A

Dimensions	3" × 4.6" × 0.4"
Power Supply	5-16 VDC
Current Draw	
Average	35 mA
Peak	75 mA
Weight	4 oz

P-620-H-A

Dimensions	1.78" × 6.1" × 0.91"
Power Supply	5-16 VDC
Current Draw	
Average	70 mA
Peak	110 mA
Weight	4 oz

P-640-H-A

Dimensions	3" × 4.6" × 0.75"
Power Supply	5-16 VDC
Current Draw	
Average	70 mA
Peak	110 mA
Weight	4 oz

Reader Ordering Information

P-300-H-A	Cascade Prox Reader
P-500-H-A	Alps Prox Reader
P-620-H-A	Denali Prox Reader & Keypad
P-640-H-A	Patagonia Prox Reader & Keypad

Credential Specifications

PSC-1

Dimensions	2.2" × 3.4" × 0.6"
Operating Temp	-35°F to 122°F
Weight	0.3 oz
Transmit Freq	125 kHz

PSK-3

Dimensions	1.2" × 1.5" × 0.15"
Operating Temp	-35°F to 122°F
Weight	0.16 oz
Transmit Freq	125 kHz

PSM-2P

Dimensions	2.1" × 3.4" × 0.031"
Operating Temp	-35°F to 122°F
Weight	0.19 oz
Transmit Frequency	125 kHz

Credentials Ordering Information

PSC-1	Standard Light Prox Card
PSK-3	Prox Key Ring Tag
PSM-2P	ISO Imageable Prox Card

Panel Compatibility

Readers	XT and XR Series Panels, X1
Credentials	All DMP Panels

Keypad Compatibility

Readers	7073, 7073A, 7173, 7872, 7873,
Credentials	7063, 7063A, 7073, 7073A, 7163, 7173, 7872, 7873, 9063, 9862

Access Module Compatibility

734, 734N, 734N-POE

Reader Listings

All readers have the following listings:

UL 294

FCC part 15, United States