

ProxPoint® Plus Reader

125 kHz Proximity

Value Priced Proximity Card Reader • 6005



ACCESS reliability.

Application

HID's ProxPoint® Plus reader combines multiple configuration options with an attractive, inconspicuous design and economical price. Its secure potted electronics are ideal for both indoor and outdoor applications.

Features

- ▶ Features a beeper and multicolor LED which can be host-and/or locally controlled.
- ▶ Enables various beeper and LED configurations, depending on individual site requirements.
- ▶ Can read HID cards with formats up to 85 bits.
- ▶ Designed for mounting directly onto metal with no change in read range performance.
- ▶ Available with either Wiegand or Clock-and-Data (magnetic stripe data) output.
- ▶ Compatible with all standard access control systems.
- ▶ Aesthetic design available in two cover designs and in four colors to match any decor.
- ▶ Includes multilingual installation manual.

Mounting	Unobtrusive design can be mounted directly onto metal such as door mullions.
Audiovisual Indication	Audiovisual indication: when a proximity card is presented to the reader, the red LED flashes green and the beeper sounds. The multicolor LED and beeper can also be controlled individually by the host system.
Diagnostics	On reader power-up, an internal self-test routine checks and verifies the setup configuration, determines the internal or external control of the LED and beeper, and initializes reader operation. An additional external loop-back test allows for the reader outputs and inputs to be verified without the use of additional test equipment.
Indoor/outdoor Design	Sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments, providing reliable performance and a high degree of vandal resistance.
Easily Interfaced	Wiegand output model interfaces with all existing Wiegand protocol access control systems. Clock-and-Data (magnetic stripe) model interfaces with most systems that accept magnetic stripe readers.
Security	Recognizes card formats up to 85 bits, with over 137 billion unique codes.
Warranty	Lifetime warranty against defects in materials and workmanship (see complete sales policy for details).
Part Numbers	Base Part No.: 6005B Wiegand Interface Base Part No.: 6008B Clock-and-Data Interface
Description	Tri-State LED, Pigtail Connection
Options	<ul style="list-style-type: none"> • CLASSIC series cover in gray, beige, black or white (or) • Designer series cover in grey, wave blue, black or white • custom label • custom embossing in housing <p>(Please see "How to Order Guide" for a description of options and associated part numbers).</p>

Typical Maximum* Read Range

- ProxCard® II card - up to 3" (7.6 cm)
 - ISOProx® II card - up to 2.5" (6.35 cm)
 - DuoProx® II card - up to 2.5" (6.35 cm)
 - Smart ISOProx®/DuoProx® II cards - up to 2.5" (6.35 cm)
 - Proximity & MIFARE® card - up to 2.5" (6.35 cm)
 - ProxCard® Plus card - up to 1.0" (2.5 cm)
 - ProxKey® II keyfob - up to 1.5" (3.8 cm)
 - MicroProx® Tag - up to 2" (5.1 cm)
- *Depending on local installation conditions.

Dimensions

3.135" x 1.720" x 0.660" (7.96 x 4.37 x 1.68 cm)

Material: Polycarbonate UL 94

Power Supply

5-16 VDC
Linear power supplies are recommended.

Maximum Current Requirements

Current (DC)
Average 30 mA, Peak 75 mA

Operating Temperature

-22° to 150° F (-30° to 65° C)

Operating Humidity

0-95% relative humidity noncondensing

Transmit Frequency: 125 kHz

Weight: 2.7 oz. (75 gm)

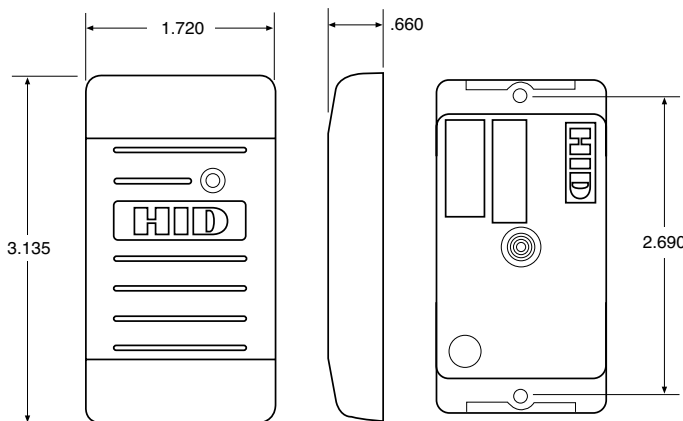
Environmental: IP55

Certifications

UL294/cUL (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), SRRC (China), MIC (Korea), NCC (Taiwan), MIC (Japan), iDA (Singapore), RoHS

Cable Distance

Wiegand or Clock-and-Data interface:
500 feet (150 m)
Recommended cable is ALPHA 1295 (22 AWG) 5 conductor stranded with overall shield or equivalent.



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ACCESS experience.

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