

ProxPoint™ Proximity Card Reader

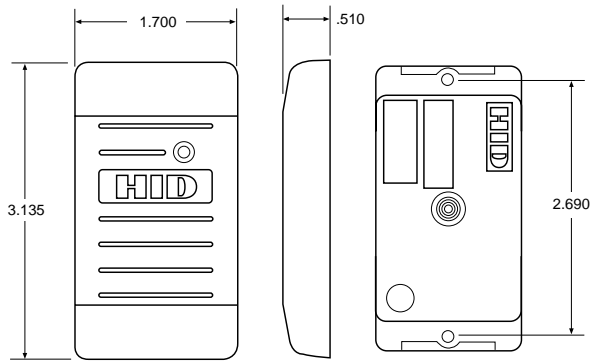
The new HID ProxPoint proximity reader is so small and inconspicuous, you hardly know it's there. In addition to its small, attractive design, all of the reader electronics are potted making it ideal for both indoor and outdoor applications. The ProxPoint reader is priced to fit the tightest of budgets.

The new ProxPoint reader accepts 5-16 volts, meeting most voltage requirements. The ProxPoint reader is available with either Wiegand interface or clock-and-data magnetic stripe interface. The 5-volt capability allows existing swipe-type access control installations to be easily upgraded to proximity technology, simply by changing the existing reader heads and cards. The clock-and-data magnetic stripe version reads all HID proximity cards and outputs the card data in a Track II format. No rewiring or pulling of new cable is necessary.

The ProxPoint reader offers high reliability, consistent read range characteristics, and low power consumption in a single, easy-to-install package. Standard capabilities include multicolor LED and compatibility with all standard access control systems. The ProxPoint reader is designed for mounting directly on metal with no change in read range performance.

HID's commitment to bringing advanced technology to the radio frequency identification market is again demonstrated in the new ProxPoint proximity card reader.





Specifications

Typical maximum* read range:

ProxCard® II card	up to 3.75" (9.5 cm)
ISOProx® II card	up to 2.3" (5.8 cm)
ProxKey™ II keyfob	up to 1.7" (4.3 cm)
ProxCard® Plus card	up to 1.2" (3 cm)

Dimensions:

3.135" x 1.7" x 0.51"
(7.96 x 4.3 x 1.3 cm)

Material:

Polycarbonate UL 94

Power supply:

4.75-16 VDC

Linear power supplies are recommended.

Maximum current requirements:

Current (DC)

Average 35 mA

Peak 60 mA

Operating temperature:

-22° to 150° F (-30° to 65° C)

Operating humidity:

0-95% relative humidity noncondensing

Weight:

2.7 oz. (75 gm)

Transmit frequency:

125 kHz

Certifications:

UL 294 listed

FCC part 15, United States

DTI (MPT 1337), United Kingdom

CE Mark approved

BZT pending

Cable distance:

Wiegand interface: 500 feet (150 m)

Clock-and-data interface: 50 feet (15 m)

Recommended cable is ALPHA 1295 (22 AWG)

5 conductor stranded with overall shield or equivalent.

*Depending on local installation conditions.

Features

Mounting: ProxPoint™ readers are designed to be unobtrusive and to mount directly on metal.

Visual indication: When a proximity card is presented to the reader, the red LED flashes green.

Diagnostics: On reader power-up, an internal self-test routine checks and verifies the setup configuration and initializes the 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: The ProxPoint reader is sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments as well as provide a high degree of vandal resistance. This allows reliable performance anywhere.

Easily interfaced: The ProxPoint reader interfaces with all existing Wiegand protocol access control systems. ProxPoint readers output data in Wiegand format, plus optional Clock-and-data magnetic stripe format. The Clock-and-data magnetic stripe output interfaces with systems that originally read Track II magnetic stripe data using TTL level outputs of data, clock, and card present.

Security: The ProxPoint reader recognizes over 137 billion unique codes.

Warranty: ProxPoint readers are warranted against defects in materials and workmanship for life from date of shipment. (See complete warranty policy for details.)

Part numbers

Base Part No.: 6005 Wiegand Interface

Base Part No.: 6008 Clock-and-data Interface

Description: Tri-State LED, Pigtail Connection

Options:

- Color (Gray, Beige, Black or White)
- Custom Label

(Please see "How to Order" guide for a description of the options and associated part numbers.)

Specifications subject to change without notice.

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