

ProxPointPlus™ Proximity Card Reader G6005



- Small, attractive design, all of the reader electronics are potted making it ideal for both indoor and outdoor applications
- Accepts 5-16 volts which meets most voltage requirements
- Available with either Wiegand interface or clock-and-data magnetic stripe interface
- 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 Geoffrey proximity cards and outputs the card data in a Track II Format. No rewriting or pulling of new cable is necessary.
- 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.

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 for reliable performance anywhere.
- **Easily interfaced** The ProxPoint Reader interfaces with all existing Weigand protocol access control systems. ProxPoint readers output in Weigand 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.

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: 3.125" x 1.7" x 0.51" max. (7.96 x 4.3 x 1.3 cm)
 - Material: Polycarbonate UL 94
 - Power supply: 4.75-16 VDC Linear power supplies are recommended.
 - 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 non-condensing
 - Weight: 2.7 oz. (75 gm)
 - Transmit frequency: 125 kHz
 - Certification: UL 294 listed; FCC part 15, US; DTI (MPT 1337, UK; CE Mark approved; BZT pending
 - Cable distance:
 - Wiegand Interface: 500 ft (15m)
 - Clock-and-data: 50 ft (15m)
- Recommended cable listed is approved is Alpha 1295 (22 awg) 5-conductor

* Depending on local installation conditions.



2 Cranberry Road
P.O. Box 5907
Parsippany, NJ 07054
Tel: 973.299.1300
Toll Free: 800.604.3633
Fax: 973.299.9799
E-mail: sales@geoffreyaccess.com
Web: www.geoffreyaccess.com