

6030 Series

ProxPro Plus™ Reader

Proximity Card Reader

Application

HID's ProxPro Plus reader combines the popular features of the ProxPro® reader with thin, inconspicuous housing, longer read range and new mounting configurations.

Features

- Equipped with your choice of mounting accessory kits for either glass and mullion mounting or surface mounting.
- Weatherproofed for use both indoors and out.
- Provides high reliability, consistent read range characteristics and low power consumption in a single, easy-to-install package.
- Standard capabilities include multicolor LED, internal or host control of the LED and/or beeper, and a beeper "off" switch for silent operation.
- Offers Wiegand protocol interface compatibility with all standard access control systems.



ProxPro Plus™ Reader

Features

Mounting: two versions are available: side connection for glass or mullion mounting, and rear connection for surface mounting. Accessory kits are included for both versions: side connection includes a mounting bracket and double-sided adhesive, and rear connection includes screws for either surface mounting or mounting to a single-gang box.

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 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 the reader's 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: interfaces with all existing Wiegand protocol access control systems.

Security: includes a tamper switch to provide notification of reader tampering. Recognizes over 137 billion unique codes.

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

Part numbers:

Base Part No.:

6030AGS - Side connect

6030AGR - Rear connect

Description: Wiegand interface, charcoal gray, tri-state LED, internal beeper on.

Options:

- LED and beeper operation
- Custom label

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

Specifications

Typical maximum* read range:

ProxCard® II card - up to 11" (25.5 cm)

ISOProx® II card - up to 9" (22.5 cm)

ProxKey™ II keyfob - up to 6" (15 cm)

ProxCard® Plus card - up to 4" (10 cm)

SmartProx™ card - up to 6" (15 cm)

*Depending on local installation conditions.

Dimensions: 7.5" x 7.5" x 0.9" (19 x 19 x 2.3 cm)

Material: Polycarbonate UL 94

Power supply:

10-28.5 VDC; Linear power supplies recommended.

United Kingdom: Use 12 VDC only.

Reverse voltage protection included.

Current requirements:

Average: 100 mA (12 VDC)

Peak: 120 mA (24 VDC)

Operating temperature: -22° to 150° F (-30° to 65° C)

Operating humidity:

0-95% relative humidity non-condensing

Weight: 15 oz. (426 gm)

Transmit frequency: 125 kHz

Excite frequency: 125 kHz

Certifications:

Canada/UL 294 Listed: Access Control System Units

FCC Certification, United States

Canada Certification

CE Mark, Fifteen EU Countries under the R&TTE

Directive (EN60950 - ITE Electrical Safety, EN 300

330 - SRD, and ETS 300 683 - EMC)

IEC60950, ITE CB Scheme Electrical Safety

Australia C-Tick Mark

New Zealand EMC

Cable distance:

Wiegand or Clock and Data interface: 500 feet (152 m)

Recommended cable is ALPHA 1295 (22 AWG) 5

conductor stranded with overall shield or equivalent.

Additional conductors may be required for LED or

beeper control.

LIT6030DS 7/00, supersedes 6/99

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1	Red	+DC
2	Black	Ground
3	Green	Data0
4	White	Data1
5	Drain	Return (Shield)
6	Orange	Green LED
7	Brown	Red LED
8	Yellow	Beeper
9	Blue	Hold
10	--	Tamper Common
11	--	Tamper Select

