

MaxiProx® Reader

125 kHz Proximity

Long Range Proximity Card Reader • 5375



ACCESS distance.

Application

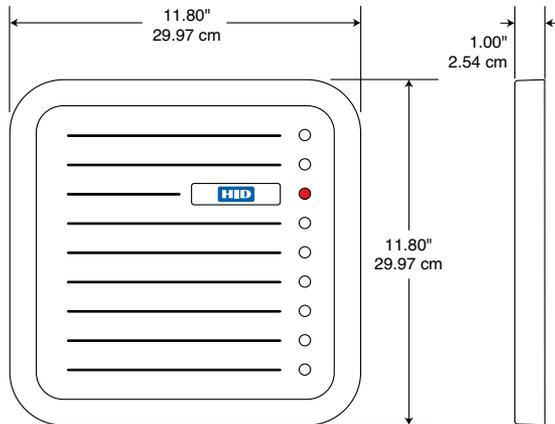
HID's MaxiProx® Reader is ideal for installations incorporating parking control and long read range applications. The MaxiProx reader packages all the electronics in one rugged, attractive and easy-to-install housing.

Features

- ▶ Long read range distance (up to 6' with ProxPass®).
- ▶ Autotune allows read range to be maintained within four inches of metal.
- ▶ Wiegand, Clock-and-Data and selectable serial outputs available.
- ▶ "Parking hold" feature allows connection to a loop detector to ensure accurate detection of vehicles in parking lanes.
- ▶ Compatible with all HID cards and tags with formats up to 85 bits.
- ▶ Multicolor LED with internal or host control of the LED and beeper.
- ▶ Two MaxiProx units can operate one meter apart for "HI-LO" (truck and car) installations.
- ▶ Reader supervision signal for CASI-RUSCO® panels.

- Mounting** Mount on non-metallic surfaces for optimal read range performance.
- 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 the reader's operation.
- Indoor/outdoor Design** 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** Interfaces with all existing Wiegand, Clock-and-Data, RS-232, RS-422 and RS-485 protocol access control systems. The serial interfaces support baud rates of 1200, 2400, 4800, and 9600 baud.
- Security** Includes a tamper switch to provide electronic notification of reader tampering. Recognizes card formats up to 85 bits.
- Warranty** Lifetime warranty against defects in materials and workmanship (see complete sales policy for details).
- Part Number Description** Base Part No.: 5375
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).



1. BUZZER
2. + DC
3. GROUND
4. DATA 0
5. DATA 1
6. SHIELD GROUND
7. GREEN LED
8. RED LED
9. BEEPER
10. HOLD
11. TAMPER COMMON
12. TAMPER SELECT

- Typical Maximum* Read Range**
 - ProxCard® II card - up to 24" (60.9 cm)
 - ISOProx® II card - up to 20" (50.8 cm)
 - DuoProx® II Card - up to 20" (50.8 cm)
 - Smart ISOProx® II - up to 20" (50.8 cm)
 - Smart DuoProx® II Card - up to 20" (50.8 cm)
 - HID Proximity & MIFARE® Card - up to 20" (50.8 cm)
 - ProxCard® Plus card - up to 13" (33 cm)
 - ProxKey® II keyfob - up to 17" (43.2 cm)
 - MicroProx® Tag - up to 15" (38 cm)
 - ProxPass® Active Vehicle Tag - up to 6' (1.8 m)
- *Depending on local installation conditions.

Dimensions:
11.8" x 11.8" x 1.0" (30.0 x 30.0 x 2.54 cm)

Material: Polycarbonate UL 94

Power supply:
Configurable 12 or 24 VDC
Linear power supplies are recommended.

Current Requirements:
DC Current at 12V: Avg. 200mA, Peak 700mA
DC Current at 24V: Avg. 260mA, Peak 1.2A

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

Operating Humidity:
0-95% relative humidity non-condensing

Weight: 51 oz. (1.4 kg)

Transmit Frequency: 125 kHz

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 interface: 500 feet (152 m)
Clock-and-data interface: 50 feet (15 m)
RS-232: 50-200 feet (15-61 m)
Recommended cable is ALPHA 1295 (22 AWG) 5 conductor minimum stranded with overall shield or equivalent. Additional conductors may be required for LED or beeper control.
RS-422 and RS-485: 4000 feet (1219 m)
Recommended cable is ALPHA 1297.

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MKT-MAXIPROX-DS-EN



ACCESS experience.

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