

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.

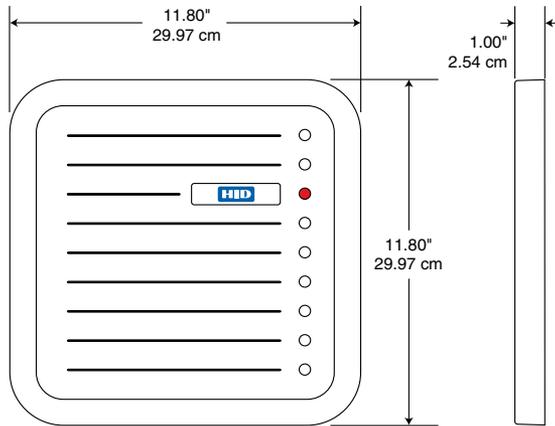
Features

- ▶ 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.

Features

Specifications

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	Base Part No.: 5375
Description	Wiegand interface, charcoal gray, tri-state LED, internal beeper on
Options	<ul style="list-style-type: none"> • LED and beeper operation • custom label <p>(Please see "How to Order Guide" for a description of the options and associated part numbers).</p>



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' (2 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 24VDC
 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

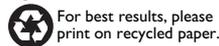
Weight: 51 oz. (1.4 kg)

Transmit Frequency: 125 kHz

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 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.

hidcorp.com

HID Global Offices:

Corporate North America
 9292 Jeronimo Road
 Irvine, CA 92618-1905
 U.S.A.
 Phone: (800) 237-7769
 Phone: (949) 598-1600
 Fax: (949) 598-1690

Asia Pacific
 19/F 625 King's Road
 North Point
 Island East
 Hong Kong
 Phone: +852 3160-9800
 Fax: +852 3160-4809

Latin America
 Circunvalacion Ote. #201 B
 Despacho 2
 Col. Jardines del Moral
 Leon 37160, Gto.
 Mexico
 Phone: +52 477 779 1492
 Fax: +52 477 779 1493

Europe, Middle East & Africa
 Homefield Road
 Haverhill, Suffolk
 CB9 8QP
 England
 Phone: +44 (0) 1440 714 850
 Fax: +44 (0) 1440 714 840