



125 kHz Long Range
Proximity Reader



HID MaxiProx[®] 5375

MaxiProx® Reader

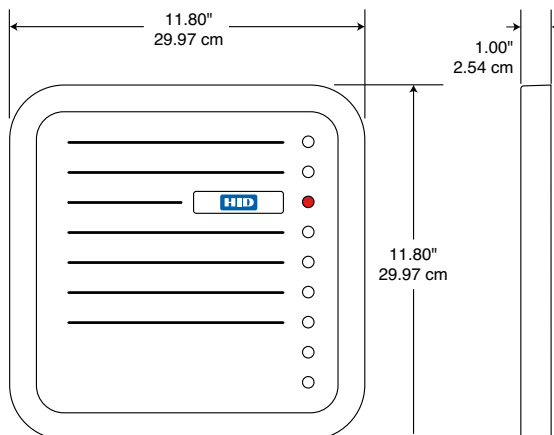


VALUE PRICED PROXIMITY CARD READER

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 a beeper and multicolor LED which can be host-and/or locally controlled.
- 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.

PHYSICAL ACCESS SOLUTIONS



FEATURES:

- **Security** - Includes a tamper switch to provide electronic notification of reader tampering. Recognizes card formats up to 85 bits.
- **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 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** - 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 and RS-422 protocol access control systems. The serial interfaces support baud rates of 1200, 2400, 4800, and 9600 baud
- **Options** - LED and beeper operation; custom label



SPECIFICATIONS

*Model Name	MaxiProx®
Model Number	5375
**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 key fob - up to 17" (43.2 cm) MicroProx® Tag - up to 15" (38 cm) ProxPass® Active Vehicle Tag - up to 6' (1.8 m)
Mounting	Mount on non-metallic surfaces for optimal read range performance.
Color	Gray
Keypad	No
Dimensions	11.8" x 11.8" x 1.0" (30.0 x 30.0 x 2.54 cm)
Power Supply	Configurable 12 or 24 VDC
Power Requirements (Standard Power)	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 noncondensing
Transmit Frequency	125 kHz
Environmental	IP55
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: 4000 feet (1219 m) Recommended cable is ALPHA 1297.
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
Housing Material	UL94 Polycarbonate
Warranty	Lifetime

Specifications

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)

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.

Power supply

Configurable 12 or 24 VDC
Linear power supplies are recommended.



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Specifications

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 kgm)

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