5375 Series

MaxiProx® Reader

Proximity Card Reader

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 8' 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.

HID

MaxiProx® Reader

Features

Mounting: mount on non-metallic surfaces for optimal read range performance.

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.

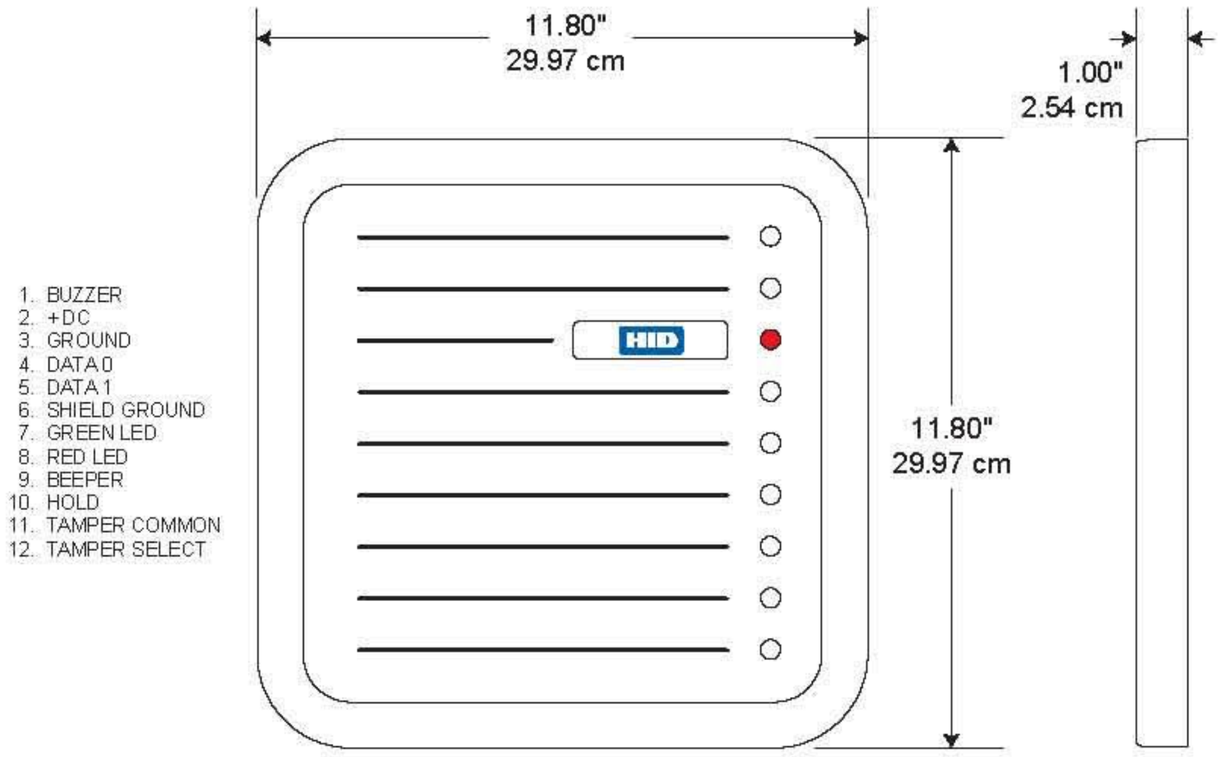
Easily interfaced: interfaces with all existing Wiegand, Clock-and-Data, RS-232, RS-422 and RS-485 protocol access control systems. The serial interfaces support baud rates of 1200, 2400, 4800, and 9600 baud.

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:
- 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 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 8' (2.5 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 kgm)

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.
LIT5375DS 8/02, supersedes 3/01

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