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.
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 Description: Base Part No.: 5375

Wiegand interface, charcoal gray, tri-state LED, internal beeper on
• LED and beeper operation
• custom label

Features

Specifications

Typical Maximum* Read Range
ProxCard® II card - up to 24” (60.9 cm)
ISOProx® II card - up to 20” (50.8 cm)
DualProx® 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: 1.08” x 1.18” 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.

HID Global Offices:

Corporate North America
15370 Barranca Pkwy
Irvine, CA 92618
U.S.A.
Phone: (800) 237-7769
Fax: (949) 732-2360

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

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

Europe, Middle East & Africa
Haverhill Business Park
Phoenix Road
Haverhill
Suffolk
CB9 7AE
England
Phone: +44 (0) 1440 714 850
Fax: +44 (0) 1440 714 840

hidglobal.com

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For best results, please print on recycled paper.

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