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.

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HID®

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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: warranted against defects in materials and workmanship for life from date of shipment (see complete warranty policy for details).
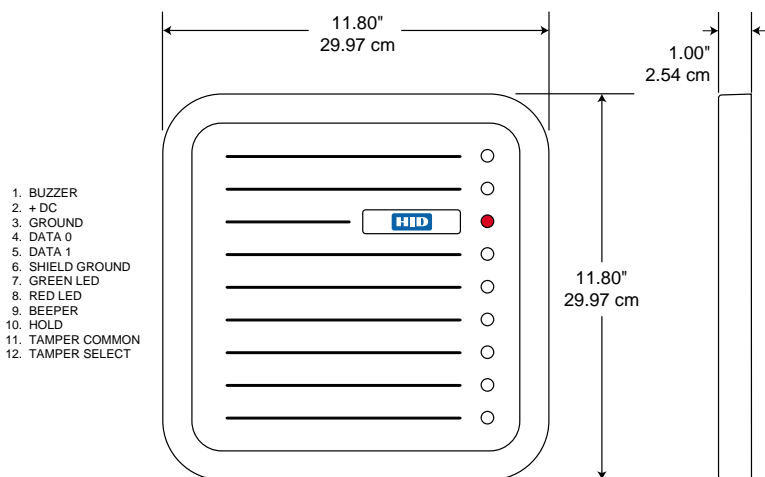
Part number:
Base Part No.: 5375
Description: Wiegand interface, charcoal gray, tri-state LED, internal beeper on
Options:
 • LED and beeper operation
 • custom label
(Please see "How to Order Guide" for a description of the options and associated part numbers).

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

11.80"
29.97 cm

1.00"
2.54 cm

11.80"
29.97 cm

HID

Specifications

Typical maximum* read range:
ProxCard® II card - up to 29″ (73 cm)
ISOProx® II card - up to 20" (50 cm)
ProxKey™ II keyfob - up to 17" (43 cm)
ProxCard® Plus card - up to 13" (25 cm)
SmartProx™ card - up to 17″ (43 cm)
ProxPass® - up to 8′ (240 cm, 2.4 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 3/01, supersedes 7/00

www.HIDCorp.com

ISO 9001
ANSI • RAB
ACCREDITED

HID CORPORATION

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BarcodesInc

About BarcodesInc

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BarcodesInc is North America's leading provider of barcode, mobile computing, point of sale and RFID products and solutions. For over fifteen years, we have worked hard to earn a reputation for being dedicated, reliable and customer-oriented.

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BarcodesInc continues to grow year after year. We have one overriding objective: Focus on you, the customer. We work hard to listen carefully and tailor our solutions to meet your needs. Then, we make ordering easy for you while providing a great value. Our goal is to build a growing relationship with you, and we appreciate the opportunity to serve you.

Why Choose BarcodesInc?

Dedicated Account Team

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

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Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

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Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

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Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the same day.

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BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

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Every phone call and email is responded to promptly, completely and accurately by our customer service team.

7Sek DWfgd e

Damaged, defective or incorrectly ordered goods may be returned without hassle.

BRANDS

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Intermec

Honeywell

DATALOGIC

SATO

datamax·o'neil

EPSON

elo TOUCHSYSTEMS

star

unitech

POLYCOM

CISCO

Microsoft

hp invent

symbol

AND MORE