

# MiniProx™ Proximity Card Reader

## 5365 Series



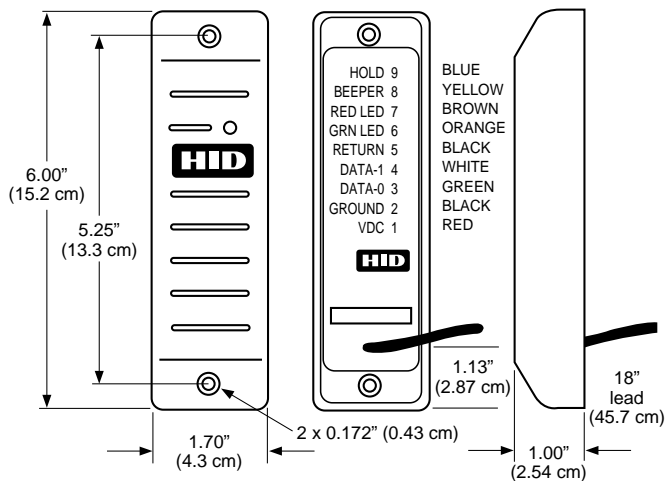
The MiniProx Proximity Card Reader boasts a slim design to match any decor. The attractive design allows the MiniProx reader to be mounted indoors or out. A new standard feature on the MiniProx reader is potting of all reader electronics, making this reader weatherized.

The new MiniProx reader accepts 5-16 volts, so that one model can meet most voltage requirements. The MiniProx reader is available with either Wiegand interface or clock-and-data magnetic stripe interface. The 5-volt capability allows existing swipe-type access control installations to be easily upgraded to proximity technology, simply by changing the existing reader heads and cards. The clock-and-data magnetic stripe version reads all HID proximity cards and outputs the card data in a Track II format. No rewiring or pulling of new cable is necessary.

The MiniProx reader offers high reliability, consistent read range characteristics, and low power consumption in a single, easy-to-install package. Standard capabilities include multicolor LED, compatibility with all standard access control systems, and internal or host control of the LED and beeper. The MiniProx reader is designed for mounting directly on metal with no change in read range performance.

HID's commitment to bringing advanced technology to the radio frequency identification market is again demonstrated in the new MiniProx proximity card reader.





## Specifications

### Typical maximum\* read range:

ProxCard® II card	up to 5.5" (14 cm)
ISOProx® II card	up to 4" (10 cm)
ProxKey™ II keyfob	up to 2" (5 cm)
ProxCard® Plus card	up to 1.5" (4 cm)

### Dimensions:

6.0" x 1.7" x 1.0"  
(15.2 x 4.3 x 2.54 cm)

### Material:

Polycarbonate UL 94

### Power supply:

4.75-16 VDC

Linear power supplies are recommended.

### Current requirements:

	5 VDC:	12 VDC:
Average	40 mA	50 mA
Peak	60 mA	120 mA

### Operating temperature:

-22° to 150° F (-30° to 65° C)

### Operating humidity:

0-95% relative humidity noncondensing

### Weight:

With terminal strip	3.5 oz. (99 gm)
With pigtail	3.8 oz. (108 gm)

### Transmit frequency:

125 kHz

### Certifications:

UL 294 listed

FCC part 15, United States

DTI (MPT 1337), United Kingdom

CE Mark approved

BZT pending

### Cable distance:

Wiegand interface: 500 feet (150 m)

Clock-and-data interface: 50 feet (15 m)

Recommended cable is ALPHA 1295 (22 AWG)

5 conductor stranded with overall shield or equivalent. Additional conductors may be required for LED or beeper control.

\*Depending on local installation conditions.

## Features

**Mounting:** MiniProx™ readers are designed to be unobtrusive and to mount directly on metal such as door mullions.

**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 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:** The MiniProx reader is sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments as well as provide a high degree of vandal resistance. This allows reliable performance anywhere.

**Easily interfaced:** The MiniProx reader interfaces with all existing Wiegand protocol access control systems. MiniProx readers output data in Wiegand format, plus optional Clock-and-data magnetic stripe format. The Clock-and-data magnetic stripe output interfaces with systems that originally read Track II magnetic stripe data using TTL level outputs of data, clock, and card present.

**Security:** The MiniProx reader recognizes over 137 billion unique codes.

**Warranty:** MiniProx readers are warranted against defects in materials and workmanship for life from date of shipment. (See complete warranty policy for details.)

## Part numbers

Base Part No.: 5365 Wiegand Interface

Base Part No.: 5368 Clock-and-data Interface

Description: Tri-State LED, Internal Beeper On

Options:

- Color (Gray or Beige)
- Connection (Terminal Strip or Pigtail)
- LED and Beeper Operation
- Custom Label

(Please see "How to Order" guide for a description of the options and associated part numbers.)

Specifications subject to change without notice.

LIT5365DS 12/97, supersedes 1/96

Printed in the U.S.A.

© HID Corporation, 1994



9292 Jeronimo Road, Irvine, California 92618-1905 U.S.A.  
Tel: (714) 598-1600 (800) 237-7769 Fax: (714) 598-1690  
Internet Address: <http://www.prox.com>