

# ThinLine II™ Proximity Card Reader

## 5395 Series



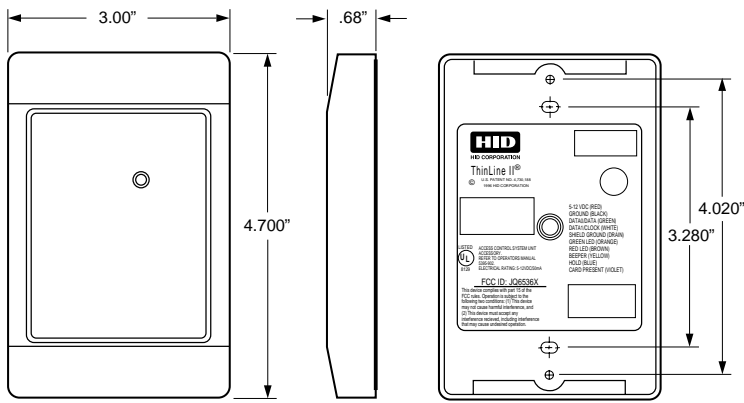
The ThinLine II Proximity Card Reader provides performance and reliability with a low-profile appearance. Housed in a newly designed two-piece enclosure, the ThinLine II reader is potted for weather and hazard proofing. This industry-standard sized switch plate enclosure eases installation and maintenance with the use of replaceable covers. The ThinLine II reader is now available in white, beige, charcoal gray and black to match virtually any office decor.

The ThinLine II reader provides high reliability, consistent read range characteristics, and low power consumption in a single, easy-to-install package. Standard capabilities include multicolor LED and internal control or host control of the LED and beeper. The ThinLine II reader will mount on a single-gang electrical box, and can be mounted directly on metal with minimal impact on the read range performance.

The ThinLine II reader is available with either a Wiegand interface or a clock-and-data magnetic stripe interface. The clock-and-data interface version reads HID proximity cards programmed with magnetic stripe Track II data as well as standard Wiegand data.

The ThinLine II reader is one more step in demonstrating HID's commitment to bringing advanced technology to the radio frequency identification market.





## 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:

4.70" x 3.00" x 0.68"  
(11.9 x 7.6 x 1.7 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:

3.3 oz. (94 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:** ThinLine II™ readers are designed to mount on a single-gang electrical box for easy installation. The readers can be mounted directly on metal with minimal impact on the 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 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 ThinLine II 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 ThinLine II reader interfaces with all existing Wiegand protocol access control systems. ThinLine II 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 ThinLine II reader recognizes over 137 billion unique codes.

**Warranty:** ThinLine II 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:	<ul style="list-style-type: none"> <li>• Color (White, Beige, Charcoal Gray or Black)</li> <li>• LED and Beeper Operation</li> </ul>	

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

Specifications subject to change without notice.

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