

ThinLine II™ Proximity Card Reader

5395 Series



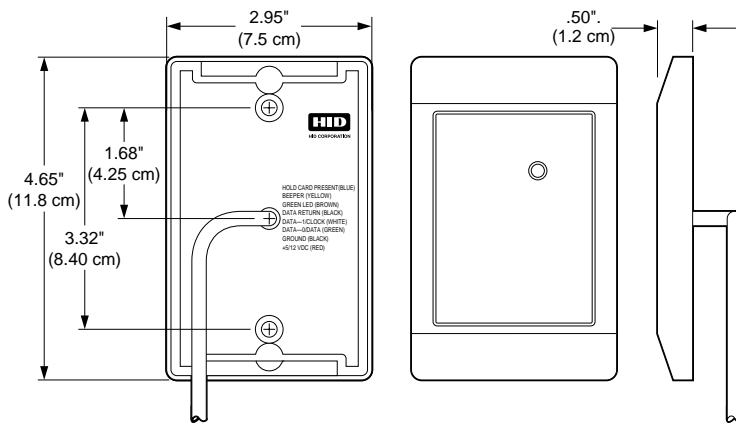
The ThinLine II Proximity Card Reader provides the same performance and reliability as the MiniProx™ proximity reader, but with a low-profile appearance. Housed in an industry-standard switch plate, this reader is an attractive addition to any office or building. The ThinLine II reader is available in white, beige, 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 clock-and-data magnetic stripe interface. The clock-and-data magnetic stripe version reads HID proximity cards programmed with magnetic stripe Track II data as well as standard Wiegand data.

Offered with a lifetime warranty, the ThinLine II reader is built to last. The ThinLine II reader is one more step in demonstrating HID's commitment to bringing advanced technology to the radio frequency identification market.





Features

Mounting: ThinLine II™ readers are designed to mount on a single-gang electrical box for easy installation, and 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 also can 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.

Indoor/outdoor design: The low-profile ThinLine II reader is an attractive addition to any office and is mounted in a rugged, weatherized polycarbonate housing to withstand harsh environments and provide a high degree of vandal resistance for outdoor installations.

Easily interfaced: The ThinLine II reader interfaces with all existing access control systems and can be operated with any facility code and card number format requirements. ThinLine II readers communicate in all Wiegand formats. 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.)

Specifications

Typical maximum read range:

ProxCard II™ card	4-5.5" (10-14 cm)
ISOProx™ card	2-4" (5-10 cm)
ProxKey II™ keyfob	1-2" (2.5-5 cm)

Power supply:

4.75-16VDC
Linear power supplies are recommended.

Current requirements:

Current (DC)	5V Max. Draw	12V Max. Draw
Average	50 mA	60 mA
Peak	80 mA	160 mA

Dimensions:

4.65" x 2.95" x 0.50" (11.8 x 7.5 x 1.2 cm)

Material:

Polycarbonate UL

Weight:

3.3 oz. (94 gm)

Operating temperature:

-22° to 150° F (-30° to 65° C)

Operating humidity:

0-95% noncondensing

Transmit frequency:

125 kHz

Certifications:

UL 294 listed
FCC part 15, United States
DTI (MPT 1337), United Kingdom
CE Mark pending
BZT pending

Cable distance:

Wiegand interface: 500 feet (150 m) max.
Clock-and-data interface: 50 feet (15 m)
Recommended cable is Alpha 1295 (22 AWG)
5 conductor with overall shield. Additional conductors may be required for LED or beeper control.

Specifications subject to change without notice.
5395 11/96, supersedes 8/95
Printed in the U.S.A.

Part numbers

Base Part No.:	5395	Wiegand Interface
Base Part No.:	5398	Clock-and-data Interface
Description:	Tri-State LED, Internal Beeper on	
Options:	<ul style="list-style-type: none"> • Color (White, Beige, or Black) • LED and Beeper Operation 	

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



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