

Product Data Sheet

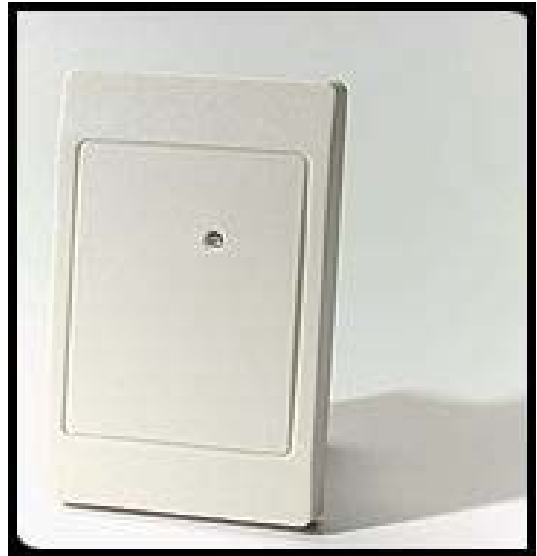
Morley/HID Thinline II Proximity Reader

The ThinLine II Proximity Card Reader provides performance and reliability with a low-profile appearance. Housed in a two-piece enclosure, the ThinLine II reader is potted for weather and hazard proofing. The reader eases installation and maintenance with the use of replaceable covers.

The ThinLine II reader is 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 multicolour 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 Morley/HID proximity cards programmed with magnetic stripe Track II data as well as standard Wiegand data.



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 on the read range performance.

Audio-visual indication: When a proximity card is presented to the reader, the red LED flashes green and the beeper sounds. The multicolour LED and beeper can also be controlled individually by the host system.

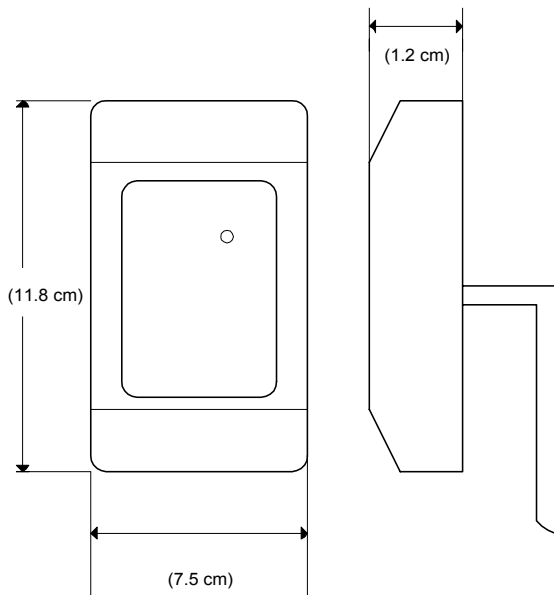
Diagnostics: On reader power up, an internal self-test routine checks and verifies the set-up configuration, determines the internal or external control of the LED and beeper, and initialises the reader operation.

Indoor/outdoor design:

The low profile Thinline II reader is an attractive addition to any office and is mounted in a rugged, weatherised polycarbonate housing to withstand harsh environments and provide a high degree of vandal resistance for outdoor installations.

Security: The Thinline II reader recognises over 137 billion unique codes.

Warranty: Thinline II readers are warranted against defects in materials and workmanship for 5 years from the date of shipment



Specifications

Typical maximum read ranges

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

Power Supply:

4.75-16VDC
 Linear power supplies are recommended

Current requirements:

Current (DC)	5v MaxDraw	12v MaxDraw
Average	50mA	60mA
Peak	80mA	160mA

Dimensions:

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

Material:

Polycarbonate UL94

Weight:

3.3oz (94gm)

Operating temperature:

-22° to 150°F (-30° to 65°C)

Operating humidity:

0-95% noncondensing

Transmit frequency:

125 kHz

Cable distance:

Wiegand interface: 150 m (500ft)
 Clock-and -data interface: 15m (50ft)
 Recommended cable is ALPHA 1295
 (22 AWG) 5 conductor stranded with overall shield
 or equivalent. Additional conductors may be
 required for LED or bleeper control.

Ordering Information

Part Number

105002 – Thinline II Proximity Reader

Options:

Colour - White, Beige or Black (White is standard unless otherwise requested)

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