HID THINLINE II READER

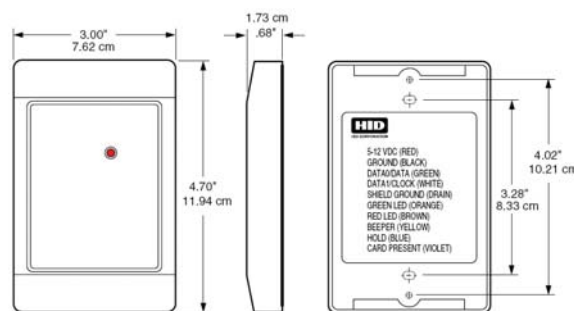## 125 kHz Wall Switch Proximity Reader

Providing performance and reliability, HID's attractive, unobtrusive ThinLine II Proximity Card Reader is housed in a two-piece, weatherproof secure potted enclosure.

Feature List:

∗ Easily installed and maintained with the use of replaceable covers.

∗ Available with a Wiegand or Clock-and-Data interface.

∗ Provides high reliability, consistent read range and low power consumption.

∗ Features include multicolor LED and internal control or host control of the LED and beeper.

∗ Mounts directly on metal with minimal impact on the read range performance.

∗ Aesthetic design available in two cover designs and four colors to match any décor.

∗ Includes multilingual installation manual.

∗ Mounting: Mounts on a single-gang electrical box for easy installation. Mounts directly on metal with minimal impact on read range performance.

∗ Audiovisual Indication: A red LED flashes green and the beeper sounds when reader is presented with a proximity card. 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 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: Sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments, providing reliable performance and a high degree of vandal resistance.

∗ Easily Interfaced: Wiegand output model interfaces with all existing Wiegand protocol access control systems. Clock-and-Data (magnetic stripe) model interfaces with most systems that accept magnetic stripe readers.

∗ Security: Recognizes card formats up to 85 bits, with over 137 billion unique codes.

Technical Specifications:

Dimensions	: 4.70″ x 3.00″ x 0.68″ (11.9 x 7.6 x 1.7 cm)
Material	: Polycarbonate UL 94
Power supply	: 5-16 VDC
	Linear power supplies are recommended.
Current Requirements	: Average: 30 mA (5 VDC); 20 mA (12 VDC)
	Peak: 110 mA (5 VDC); 115 mA (12 VDC)
Operating Temperature	: -22° to 150° F (-30° to 65° C)
Operating Humidity	: 0-95% relative humidity non-condensing
Weight	: 3.3 oz. (94 gm)
Transmit Frequency	: 125 kHz
Excite frequency	: 125 kHz
Read Range:	

Part Number	Credential Type	Read Range
224-HID-CCH30	ProxCard II Card	Up To 5.5″ (14 cm)
224-HID-ICH30	ISOProx II Card	Up To 5″ (12.7 cm)
224-HID-KCH30	ProxKey II Keyfob	Up To 2″ (5.1 cm)

Depending on local installation conditions.

Ordering Information:

Part Number	: 223-HID-TL
Product Name	: HID Prox Reader - Thin Line II
Product Description	: HID Proximity 125 kHz Reader: ThinLine II with Up to 5.5" Read Range