

HID MAXIPROX READER

125 kHz Long Range Proximity Reader



HID's MaxiProx Reader is ideal for installations incorporating parking control and long read range applications. The MaxiProx reader packages all the electronics in one rugged, attractive and easy-to-install housing.

Feature List:

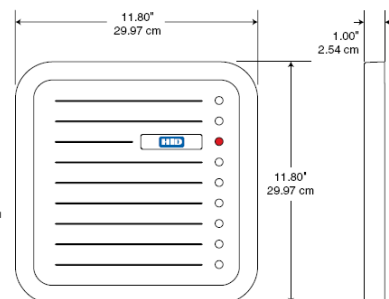
- * Long read range distance (up to 6' with ProxPass).
- * Autotune allows read range to be maintained within four inches of metal.
- * Wiegand, Clock-and-Data and selectable serial outputs available.
- * "Parking hold" feature allows connection to a loop detector to ensure accurate detection of vehicles in parking lanes.
- * Compatible with all HID cards and tags with formats up to 85 bits.
- * Multicolor LED with internal or host control of the LED and beeper.
- * Two MaxiProx units can operate one meter apart for "HI-LO" (truck and car) installations.
- * Reader supervision signal for CASI-RUSCO panels.
- * Mounting: Mount on non-metallic surfaces for optimal 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's operation.
- * Indoor/outdoor Design: Sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments as well as provide a high degree of vandal resistance for reliable performance anywhere.
- * Easily Interfaced: Interfaces with all existing Wiegand, Clock-and-Data, RS-232, RS-422 and RS-485 protocol access control systems. The serial interfaces support baud rates of 1200, 2400, 4800, and 9600 baud.
- * Security: Includes a tamper switch to provide electronic notification of reader tampering. Recognizes card formats up to 85 bits.

Technical Specifications:

Dimensions	: 11.8" x 11.8" x 1.0" (30.0 x 30.0 x 2.54 cm)
Material	: Polycarbonate UL 94
Power supply	: Configurable 12 or 24 VDC Linear power supplies are recommended.
Current Requirements	: DC Current at 12V: Avg. 200mA, Peak 700mA, DC Current at 24V: Avg. 260mA, Peak 1.2A
Operating Temperature	: -22° to 150° F (-30° to 65° C)
Operating Humidity	: 0-95% relative humidity non-condensing
Weight	: 51 oz. (1.4 kg)
Transmit Frequency	: 125 kHz
Read Range:	

Part Number	Credential Type	Read Range
224-HID-CCH30	ProxCard II Card	Up To 24" (60.9 cm)
224-HID-ICH30	ISOProx II Card	Up To 20" (50.8 cm)
224-HID-KCH30	ProxKey II Keyfob	Up To 17" (43.2 cm)
224-HID-TCH30	ProxPass Active Tag	Up To 6' (2 m)

* Depending on local installation conditions.



1. BUZZER
2. +DC
3. GROUND
4. DATA 0
5. DATA 1
6. SHIELD GROUND
7. GREEN LED
8. RED LED
9. BEEPER
10. HOLD
11. TAMPER COMMON
12. TAMPER SELECT

Ordering Information:

Part Number	: 223-HID-MAXI
Product Name	: HID Prox Reader - MAXI
Product Description	: HID Proximity 125 kHz Reader: Long Range MAXI Prox Reader Read Range up to 6 Feet