

Rugged Proximity Reader



Essex Electronics

- » U.S. Manufacturer with over 30 years experience
- » FAA Compliant Supplier
- » HID Premier Partner
- » OEM Supplier to the Security Industry

ROXPROX™ IP SERIES

- » 125kHz RFID Proximity
- » Genuine HID Technology™
- » Supports HID Corporate 1000
- » IK 10 Rated Impact Resistance
- » IP 65 Rated Ingress Protection
- » Ethernet Communication
- » Power Over Ethernet (PoE)
- » Programmable Audio & Visual Indicators
- » Firmware Upgradable Over Ethernet
- » Up to 2" Read Range
- » Built In Switch Monitoring
- » Stainless Steel Construction



**PROX BY
HID**

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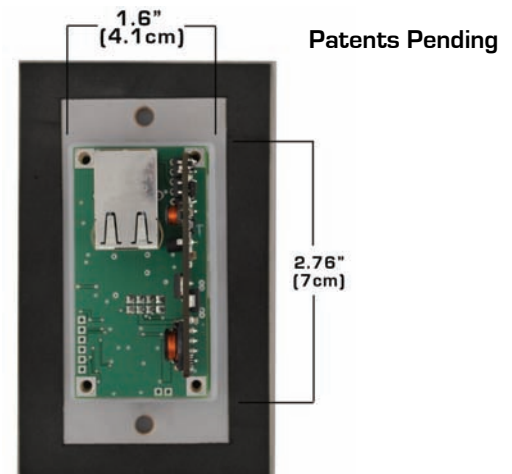
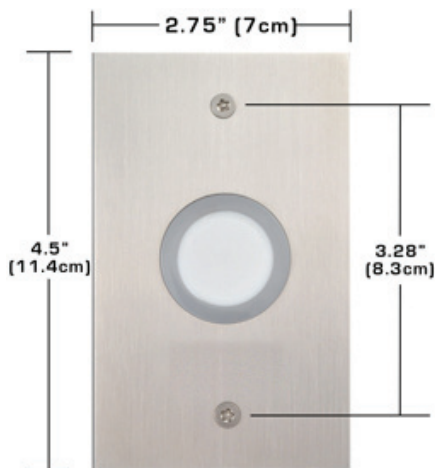
Essex RoxProx™ IP Series Proximity Readers are extremely rugged (RFID) communication devices designed specifically for vandal prone areas and extremely harsh environments. IP65 and IK10 rated, these 125 kHz Wiegand proximity readers feature stainless steel construction, circuit assembly encapsulation and Genuine HID Technology™ in a tamper resistant, low profile design. RoxProx IP communicates over Ethernet sending card data and receiving audio/LED feedback. A built in auxiliary switch input is provided to connect an auxiliary piezoelectric or mechanical switch with wiring full four state switch supervision.

Specifications

Power Input	PoE, Class 1, IEEE 802.3af, .9W
Communication	Ethernet, RJ-45, 10/100BASE-T
Maximum Read Range	Up to 2"
Transmit Frequency	125 kHz
RFID Technology	Genuine HID Technology™
Output	Supports HID Corporate 1000 and card formats up to 64 bits
IP Rating*	IP65
IK Rating	IK 10 (EN62262:2002)
Operating Environment	- 40°C to + 70°C, 100% Relative Humidity
Dimensions	PRX-1IP: H: 4 1/2" W: 1 3/4" D: 1 5/32" PRX-2IP: H: 4 1/2" W: 2 3/4" D: 1 5/32"
Weight	PRX-1IP: 5.3 oz. (150 gm) PRX-2IP: 7.4 oz. (210 gm)
Material	1/8" Stainless steel faceplate
Mounting Method	PRX-1IP: Mullion Mount PRX-2IP: Single Gang switchbox
Audio & Visual Feedback	Software Programmable / Host controlled. Audio (On, Off, Slow/Medium/Fast Beeps) Visual (On, Off, Slow or Fast)
Auxiliary Switch Input	Detect activation and full four state monitor of switch health (Piezoelectric or mechanical switch) Provides proprietary testing of piezoelectric switch functionality.
Auxiliary Proximity Input	Supports an additional proximity reader
Customization Options	Laser Marked Faceplate Graphics, Color Insert and LED Indicator (Standby, Card Read & Alarm)

Ordering

- PRX - 1IP** RoxProx IP Series Narrow Ethernet Proximity Reader
- PRX - 2IP** RoxProx IP Series Single Gang Ethernet Proximity Reader



* with reader installed on a single gang box

