

Rugged Proximity Reader



ROXPROX™ SERIES



**NEW
DESIGN
PRX-1R**



Extreme Proximity

125kHz Proximity Reader
All Weather IP 66 Rated Design
Stainless Steel Construction
Genuine HID Technology™
Audio & Visual Feedback
Up to 2" Read Range
Mullion or Single Gang
Custom Graphics Available

**Essex
Electronics**
1-800-KEYLESS keyless.com

Essex RoxProx™ is a heavy duty 125 kHz proximity reader with Genuine HID Technology™. Built to last, this all weather IP66 rated Wiegand reader features stainless steel construction, epoxy encapsulated electronics, audiovisual feedback and a modern low profile design. Suitable for all indoor and outdoor applications, RoxProx is the rugged proximity reader solution for vandal prone areas and extremely harsh climates.



Features

All Weather Design

Epoxy encapsulated electronics in a weatherized enclosure provides superior performance in even the most extreme environment.

Vandal Resistant Construction

1/8" Stainless steel faceplate and fully sealed electronics enclosure designed for harsh environments. For enhanced vandal resistance, security screws are recommended. Consult your local fire district.

Audio/Visual Feedback

Audio and visual indication occurs when a credential is presented to the reader. Audio and bi-colored Illumination can also be host controlled.

PRX-1/PRX-2	Blue/Green
PRX-1R/PRX-2R	Red/Green

Mounting Method

PRX-1/PRX-1R: Mullion mount. Flush mount or optional spacer ring (PRXSR) for surface mount installation.

PRX-2/PRX-2R: Single Gang. Flush mount to a single gang switchbox or optional Backbox (BAK BOX-SGS) for surface mount installation.

Custom Graphics Available

Laser Marked in Black.

Specifications

Power Requirements

5 or 12VDC Field Selectable

Output

Wiegand output interfaces with most OEM access control panels. Supports card formats up to 91 bits including 26 Bit Wiegand.

Transmit Frequency

125 kHz

Maximum Read Range

Up to 2"

Current Draw

Standby: 50mA

Maximum: 150mA

Operating Temperature

- 40°F to + 160°F (- 40°C to + 70°C)

Operating Humidity

100% Relative Humidity

Operating Environment

IP66 Rated

Dimensions

	Height	Width	Depth
PRX-1/PRX-1R	4 1/2"	1 3/4"	1 1/2"
PRX-2/PRX-2R	4 1/2"	2 3/4"	1 1/2"

Weight

PRX-1/PRX-1R: 5 oz. (142 gm)

PRX-2/PRX-2R: 7.1 oz. (200 gm)



Ordering Guide

Part Number

PRX-1

PRX-2

PRX-1R

PRX-2R

PRXSR

BAK BOX-SGS

CARD-1326-100

FOB-1346-50

Description

Narrow Style RoxProx™ Reader with Essex **Globe Design**

U.S. Single Gang RoxProx™ Reader with Essex **Globe Design**

Narrow Style RoxProx™ Reader with Essex **RFID Design**

U.S. Single Gang RoxProx™ Reader with Essex **RFID Design**

Surface Mount Spacer Ring for PRX-1 and PRX-1R

Surface Mount Back Box for PRX-2 and PRX-2R

100 ea. HID ProxCard® II Clamshell Cards

50 ea. HID ProxKey® II Keyfobs



Scan with smart phone for more information.



PRX-1

New!!



PRX-2R



Side View



PRXSR



BAK BOX-SGS



CARD-1326



FOB-1346



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