

# Rugged Proximity Reader



**ROXPROX™ SERIES**



## Extreme Proximity

- Superior Vandal Resistance
- All Weather IP66 Rated Design
- Stainless Steel Construction
- Genuine HID Technology™
- Audiovisual feedback
- Wiegand Output
- 125kHz Proximity
- Up to 2" Read Range
- Mullion or Single Gang
- Epoxy Encapsulated Electronics
- Laser Marked Graphics
- Custom Graphics Available



**Essex Electronics**  
1-800-KEYLESS [keyless.com](http://keyless.com)

Essex RoxProx™ is an extreme 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 both indoor and outdoor applications, RoxProx is the ultimate proximity reader solution for vandal prone areas and extremely harsh climates.



PRX-1



PRX-2

## 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 vandal prone areas. 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 (blue/green) illumination can also be host controlled.

### Mounting Method

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

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

### Custom Graphics Available

Laser Marked logo in Black or Custom Illumination Label.

## Specifications

### Power Requirements

5 or 12VDC Field Selectable

### Output

Wiegand output interfaces with most access control systems. Supports card formats up to 91 bits.

### 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	4 1/2"	1 3/4"	3/4"
PRX-2	4 1/2"	2 3/4"	3/4"

### Weight

PRX-1: 5 oz. (142 gm)

PRX-2: 7.1 oz. (200 gm)

### Patents Pending

## Ordering Guide

### Part Number

PRX-1

PRX-2

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

Surface Mount Spacer Ring for PRX-1

Surface Mount Back Box for PRX-2

100 ea. HID ProxCard® II Clamshell Cards

50 ea. HID ProxKey® II Keyfobs



PRXSR



BAK BOX-SGS



CARD - 1326



FOB - 1346

