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.

PRX-1

New!!!

PRX-2R

Side View

.22" (.6cm)

1.5" [3.8cm]

Features

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

Vandal Resistant Construction
$\frac{1}{8}$" 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.

	Standby/Card Read
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 ½"	1 ¾"	1 ½"
PRX-2/PRX-2R	4 ½"	2 ¾"	1 ½"

Weight
PRX-1/PRX-1R: 5 oz. (142 gm)
PRX-2/PRX-2R: 7.1 oz. (200 gm)

Patents Pending

Ordering Guide

Part Number	Description
PRX-1	Narrow Style RoxProx™ Reader with Essex **Globe Design**
PRX-2	U.S. Single Gang RoxProx™ Reader with Essex **Globe Design**
PRX-1R	Narrow Style RoxProx™ Reader with Essex **RFID Design**
PRX-2R	U.S. Single Gang RoxProx™ Reader with Essex **RFID Design**
PRXSR	Surface Mount Spacer Ring for PRX-1 and PRX-1R
BAK BOX-SGS	Surface Mount Back Box for PRX-2 and PRX-2R
CARD-1326-100	100 ea. HID ProxCard® II Clamshell Cards
FOB-1346-50	50 ea. HID ProxKey® II Keyfobs

Scan with smart phone for more information.

PRXSR   **BAK BOX-SGS**   **CARD -1326**   **FOB - 1346**

Essex Electronics

1-800-KEYLESS ● keyless.com