RoxProx™ Series

EXTREME PROXIMITY

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

Essex Electronics

1-800-KEYLESS • keyless.com

Proudly Made in the USA

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 ideal proximity reader solution for vandal prone areas and extremely harsh climates.

PRX-1SR

Features

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

Vandal Resistant Construction
⅛" 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 occur when a credential is presented to the reader. Audio and bi-colored illumination can also be host-controlled.

	Standby / Card Read
PRX-1S / PRX-2S	Blue / Green
PRX-1SR / PRX-2SR	Red / Green

Mounting Method
PRX-1S / PRX-1SR: Mullion mount. Flush mount or optional spacer ring (SP-1 or SR-1) for surface mount installation.

PRX-2S / PRX-2SR: 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.

PRX-2S

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-1S / PRX-1SR	4 ½"	1 ¾"	1 ⅛"
PRX-2S / PRX-2SR	4 ½"	2 ¾"	1 ⅛"

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

ORDERING GUIDE

Part Number	Description
PRX-1S	Mullion/Narrow RoxProx™ Reader with Essex Globe Design
PRX-2S	U.S. Single Gang RoxProx™ Reader with Essex Globe Design
PRX-1SR	Mullion/Narrow RoxProx™ Reader with Essex RFID Design
PRX-2SR	U.S. Single Gang RoxProx™ Reader with Essex RFID Design
SP-1	Surface Mount Plastic Spacer for PRX-1S and PRX-1SR
SR-1	Surface Mount Metal Spacer for PRX-1S and PRX-1SR
BAK BOX-SGS	Surface Mount Back Box for PRX-2S and PRX-2SR

.22"
[.6cm]
1.5"
[3.8cm]
Side View

SP-1 or SR-1   **BAK BOX-SGS**

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