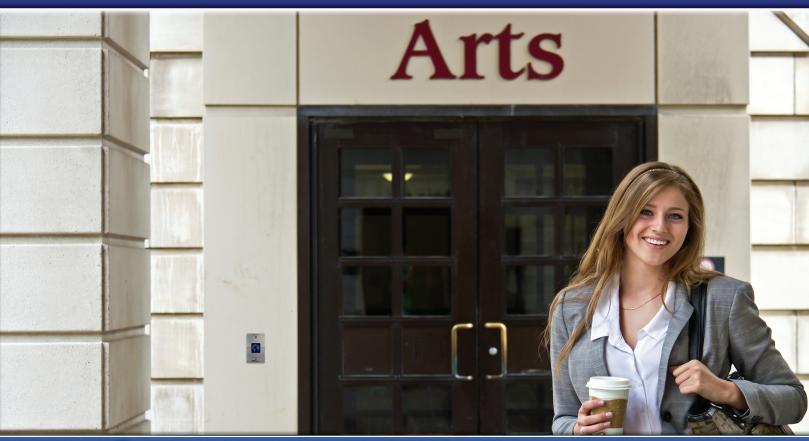# Premium Prox

RoxProx II™

Rugged 125kHz Proximity Card Reader

Essex RoxProx II™ is an industrial grade proximity card reader with Genuine HID Technology™. Built to withstand harsh environments yet attractively designed to complement any decor.

PRX2-1S

PRX2-2B

- ➤ 125 kHz Proximity
- ➤ All Weather IP 66 Rated
- ➤ Stainless Steel Construction
- ➤ Vandal and Ligature Resistant
- ➤ Audio & Visual Feedback
- ➤ Up to 4" Read Range
- ➤ Mullion or Single Gang
- ➤ Stainless or Black Finish
- ➤ Customization Options
- ➤ Designed and Manufactured in the USA

PROX BY HID

GENUINE HID TECHNOLOGY™

Essex Electronics

1-800-KEYLESS   keyless.com

RoxProx II™ is a heavy duty, contactless 125 kHz proximity card reader with Genuine HID Technology™. RoxProx II features stainless steel construction, epoxy encapsulated electronics, audiovisual feedback and a ruggedized, ligature resistant design. RoxProx II is suitable for use in indoor and outdoor environments including behavioral health facilities, vandal prone areas and extremely harsh climates. Custom laser marked graphics are available.

PRX2-1B

PRX2-2S

.19" (.5cm)   1.5" (3.8cm)

Side View

Features

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

Vandal Resistant Construction
304 Stainless steel faceplate.
Optional black powder coat finish available.

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
PRX2-1: Mullion mount. Flush mount or optional spacer ring (SR-1) for surface mount installation.

PRX2-2: Single Gang. Flush mount to a single gang switchbox or optional extension Back box (BAK BOX-SGE) or angled stainless steel Back box (BAK BOX-SGS) for surface mount installation.

Custom Graphics Available
Contact Essex for details

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 4"

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
PRX2-1	4 ½"	1 ¾"	1 ½"
PRX2-2	4 ½"	2 ¾"	1 ½"

Weight
PRX2-1: 5 oz. (142 gm)
PRX2-2: 7.1 oz. (200 gm)

Ordering Guide

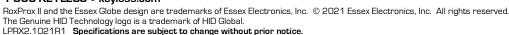| Part Number	Description
PRX2-1B	RoxProx II™ 125kHz Proximity Reader, Narrow, Black Faceplate
PRX2-1S	RoxProx II™ 125kHz Proximity Reader, Narrow, Stainless Faceplate
PRX2-2B	RoxProx II™ 125kHz Proximity Reader, Single Gang, Black Faceplate
PRX2-2S	RoxProx II™ 125kHz Proximity Reader, Single Gang, Stainless Faceplate
SR-1	Spacer Ring for Narrow Readers
BAK BOX-SGE	Surface Mount Extension Back Box for Single Gang Readers
BAK BOX-SGS	Angled Stainless Steel Back Box for Single Gang Readers

SR-1

BAK BOX-SGE

BAK BOX-SGS

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