Rugged Proximity Reader

ROXPROX™ SERIES

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

NEW DESIGN
PRX-1R

ISOProx II

Essex Electronics
1-800-KEYLESS  keyless.com
ROXPROX™ Series

Rugged Proximity Reader

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
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 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.

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
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</thead>
<tbody>
<tr>
<td>PRX–1/PRX–1R</td>
<td>Narrow Style RoxProx™ Reader with Essex Globe Design</td>
<td>4 ½”</td>
<td>1 ¾”</td>
<td>1 ½”</td>
</tr>
<tr>
<td>PRX–2/PRX–2R</td>
<td>U.S. Single Gang RoxProx™ Reader with Essex Globe Design</td>
<td>4 ½”</td>
<td>2 ¾”</td>
<td>1 ½”</td>
</tr>
</tbody>
</table>

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

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 |

Patents Pending

Scan with smart phone for more information.