Essex RoxProx II™ is a heavy duty 125 kHz proximity reader with Genuine HID Technology™. Suitable for all indoor and outdoor applications, RoxProx II features stainless steel construction, epoxy encapsulated electronics, audiovisual feedback in a robust yet elegant low profile design. RoxProx II is the ideal proximity reader solution for vandal prone areas and extremely harsh climates. Custom laser marked graphics available.

**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 (Blue/Green) Illumination can also be host controlled.

**Mounting Method**
PRX2–1: Mullion mount. Flush mount or optional spacer ring (PRXSR) for surface mount installation.

PRX2–2: Single Gang. Flush mount to a single gang switchbox or optional Backbox (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**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRX2–1</td>
<td>Narrow Style RoxProx II™ Reader with Essex Globe Design</td>
</tr>
<tr>
<td>PRX2–2</td>
<td>U.S. Single Gang RoxProx II™ Reader with Essex Globe Design</td>
</tr>
<tr>
<td>PRXSR</td>
<td>Surface Mount Spacer Ring for PRX2–1</td>
</tr>
<tr>
<td>BAK BOX–SGS</td>
<td>Surface Mount Back Box for PRX2–2</td>
</tr>
<tr>
<td>CARD–1326–100</td>
<td>100 ea. HID ProxCard® II Clamshell Cards</td>
</tr>
<tr>
<td>FOB–1346–50</td>
<td>50 ea. HID ProxKey® II Keyfobs</td>
</tr>
</tbody>
</table>

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