The REDSCAN RLS-3060 series is an innovative laser scan detector. It can detect a moving object's size, speed and distance from the detector and process that information with a unique algorithm, which results in high reliability detection with minimal false alarms. The detector can also be mounted vertically or horizontally according to the application and site conditions.

The REDSCAN RLS-3060SH is an advanced generation laser scan detector. It has both intelligent detection analysis functions and adjustable detection algorithm parameters that increase its range of applications. It provides flexible solutions that streamline video surveillance and a wide range of security applications.

The REDSCAN RLS-3060-SH can be installed directly on an IP security network and integrates with all major Video Management Software (VMS) platforms.

### FEATURES
- 30m radius for 190 degrees range
- Vertical and horizontal mounting
- Unique detection algorithm
- Automatic area setting function
- Environmental disqualification circuit
- Scene selection (outdoor, indoor, indoor ceiling/wall protection and vehicle)
- 4 independently adjustable detection areas and 4 linked outputs for PTZ camera control (on analog connection)
- 8 independently adjustable detection area and Redwall event codes for network recorder and video management software (on IP connection)
- Anti-rotation function
- Anti-masking function
- Fog cancellation algorithm (patent listed)
- Built-in heater
- Analog (dry contact) & IP connection
- Environmental resistance function
- Non detection area adjustment
- Alarm duration function

### OPTIONS
- RLS-AT: RLS Adjustment Tool Kit (Including REDSCAN MANAGER setup software and LAC-1)
- LAC-1: Laser Area Checker
- AWT-3: Area Walk Tester
- RLS-PB: Pole Mount Bracket
- RLS-SB: Adjustable Angle Mounting Bracket

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>RLS-3060SH</th>
<th>Sensitivity selector</th>
<th>H / M / L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection method</td>
<td>Infrared Laser Scan</td>
<td>Camera control output</td>
<td>N.O, 28 VDC, 0.5 x 4 outputs</td>
</tr>
<tr>
<td>Laser protection class</td>
<td>Class 1</td>
<td>Master alarm output</td>
<td>Form C, 28 VDC, 0.2 A max.</td>
</tr>
<tr>
<td>Coverage</td>
<td>Vertical area: Max, 60 m (Approx, 200 ft) at 10% reflectivity</td>
<td>Troubleshoot output</td>
<td>Form C, 28 VDC, 0.2 A max.</td>
</tr>
<tr>
<td></td>
<td>Horizontal area: Radius 30 m (Approx, 100 ft), Arc/190° at 10% reflectivity</td>
<td>Tamper output</td>
<td>Form C, 28 VDC, 0.2 A max.</td>
</tr>
<tr>
<td>Detection resolution</td>
<td>0.25°</td>
<td>Environmental disqualification circuit</td>
<td>Form C, 28 VDC, 0.2 A max.</td>
</tr>
<tr>
<td>Communication port</td>
<td>Ethernet, RJ-45, 10BASE-T/100BASE-TX</td>
<td>Environmental disqualification circuit</td>
<td>Form C, 28 VDC, 0.2 A max.</td>
</tr>
<tr>
<td>Protocol</td>
<td>UDP, TCP/IP, *Redwall Event Code</td>
<td>Environmental disqualification circuit</td>
<td>Form C, 28 VDC, 0.2 A max.</td>
</tr>
<tr>
<td>Power Input</td>
<td>24 VDC, 24 VAC</td>
<td>Alarm period</td>
<td>Approx, 2 sec., Off delay timer</td>
</tr>
<tr>
<td>Current draw</td>
<td>400 mA max, (24 VDC) 600 mA max. (24 VAC)</td>
<td>Operating temperature</td>
<td>-20 to 60 °C (-4 to 140° F)</td>
</tr>
<tr>
<td>Mounting height</td>
<td>Vertical area: 15 m (50 ft) (recommendation)</td>
<td>IP rating</td>
<td>IP66</td>
</tr>
<tr>
<td></td>
<td>Horizontal area: 5.7 m (28 ft) (recommendation)</td>
<td>Dimensions (H x W x D)</td>
<td>304 x 144 x 155 mm (12.3 x 5.7 x 6.1 in.)</td>
</tr>
<tr>
<td>Target object selector</td>
<td>8 / M / L</td>
<td>Weight</td>
<td>2.4 kg (85 oz.)</td>
</tr>
</tbody>
</table>

* Specifications may be modified without prior notice.
**Fence/wall top protection**
The REDSCAN will detect intruders climbing over a fence or a wall by creating a detection area above it.

**Switchable detection areas**
Users can define different detection settings for selected areas and apply different rules using the area masking/allocation functions. It allows the user to make some detection areas active during the day and others during the night using software provided by OPTEX.

**Loitering detection**
The REDSCAN will pick up suspicious loitering behavior, by monitoring if a person is staying longer than the preset time in the detection area.

**Area allocating**
The new area allocation functionality enable users to create a number of independent detection areas.

**Dimensions**

**Integration with VMS platforms**
The RLS-3060SH is currently fully integrated with Milestone XProtect platform and its event code is integrated with AXIS ACAP and Avigilon, ExacqVision and Genetec VMS. Please check the latest integration list by visiting www.optex-europe.com or www.optex-secure.com.