Remotely Monitor and Control Your Streetlights

Guard Against Theft and Damage 24/7

- Immediately detect theft and damage even when your system is not energized
- Remote control and scheduling reduces energy costs and increases lamp life
- Gain real insight to improve operational efficiency
- Pedestal-based installation and cost-effective hardware saves time and money
- Flexible for use with LED, HPS, and mixed lighting circuits
The Elecsys Light Guard Pulse is a pedestal-based remote monitoring and control system that monitors the operation and integrity of your lighting circuits 24/7. Controlled via an intuitive and secure cloud-based data system, users can access real-time status and receive system alarm notifications via email or text. With the Light Guard Pulse, you can gain operational insight from an HPS system today and have the flexibility to migrate to an LED system in the future with no additional upgrades.

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communication</strong></td>
<td>CDMA cellular telemetry, GSM cellular telemetry</td>
</tr>
</tbody>
</table>
| **Input Connections (analog)** | Channels 1 – 6: 0-333 mVAC (1% of measurement accuracy and 1mV resolution)  
Channel 11-16: Cable theft / damage monitor  
Channel 17: Photocell  
Channel 18: Streetlight control relay  
Available sample frequencies: 250ms, 500ms, 1sec, 10sec, 30sec, 1min, 10min, 1hr, 4hrs, 8hrs, 12hrs, 24hrs |
| **Input Connection (digital)** | Channel 7: Digital input for external motion detector  
Channel 8: Digital input for external power meter (pulse accumulation)  
Channel 9: Door sensor input  
Channel 10: AC detection probe |
| **Power**              | Power required: 10-35VDC or 12-25VAC external power input  
Internal rechargeable NiCd battery pack provides backup power for alarm notification in the event of a power failure  
Power consumption: 1.8W @15V typical, 20W transmitting |
| **Operating Environment** | Temperature: -40°C to +85°C (-20°C to +70°C in battery backup power mode)  
Humidity: 0-95% non-condensing  
Enclosure: Lockable NEMA 4X polycarbonate |
| **Size**               | 6.5” (155mm) x 8.5” (215mm) x 4” (102mm) |
| **Installation**       | Universal brackets included for mounting inside or outside a cabinet. |