

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



LIGHT GUARD PULSE

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

Communication	CDMA cellular telemetry, GSM cellular telemetry
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.

