

# Outdoor Photoelectric Detector

OPT-SL-650QN

Long range 200m detection

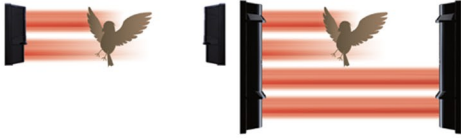


## Features

- 200m detection range
- Anti-frost hood cover
- Outdoor ready IP65
- Quad beam with aspherical lenses
- Beam blocking plate
- Sleek low profile design
- Wide beam & united appearance

### Wide beam & United appearance

The short range mode, SL-200QN with a wide beam pitch is now available. It dramatically reduces false alarms caused by birds and falling leaves. Moreover, it is also important that forms of long and short beams are united.

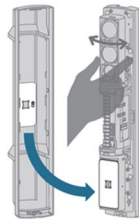


### Slim body & Light weight

20% reduction of the body size and 15% reduction of the weight come together in the SL series.

### Beam blocking plate

The plate can firmly be fixed on the lens unit without fear of being blown off by wind. The plates can be stored in the back of the front cover.



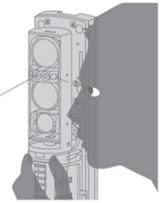
### Anti frost design (Hood design)

The hoods are positioned on the both of the upper beam and the lower beam to secure a high and stable beam power by preventing frost from attaching on the front cover.



### Sniper viewfinder™ with 2X magnification

The new telescope lens has a high level of visibility for optical alignment work.



### IP65 water proof structure

Rubber packing is used for all conceivable points where water or dust may penetrate, such as wiring holes, wire ports and the outer openings on chassis.



### Vivid interior color

Easy-to-see vivid interior color for optical alignment.

### Alignment dial

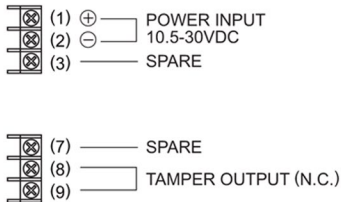
The alignment no longer requires a screwdriver. All you need is touch by your fingers for precise adjustment.

### Quad beam with aspherical lenses

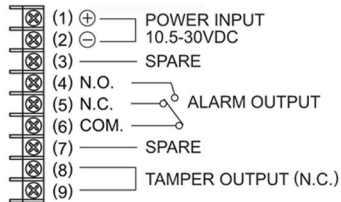
The high-grade aspherical lens create more sharply defined and precise active infrared beams.

## Terminal

### Transmitter



### Receiver



## Heating unit (HU-3) option



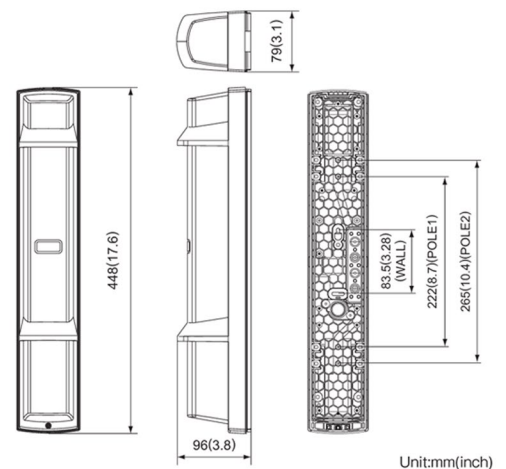
- Power input : 24VAC/DC
- Current draw : 420mA(max.) (Per 1 unit)
- Thermo switch : 60°C (140°F)

## Specifications

Model	SL-650QN
Maximum detection range	200m / 650ft.
Maximum arrival distance	2000m / 6500ft.
Detection method	Quad infrared beam interruption detection
Interruption time	Variable between 50/100/250/500 ms (4 steps)
Power source	10.5 - 30VDC
Current draw	40mA (Transmitter:10mA Receiver:30mA)
Output	Alarm output Form C relay : 30VDC, 0.2 A
	Alarm period 2sec (±1) (Nominal)
	Tamper output N.C. (contact output) : 30VDC, 0.1A Opens when cover removed.
Operating temperature	-25°C - +60°C (-13°F - 140°F)
Operating humidity	95% (max.)
Alignment angle	±90° Horizontal, ±10° Vertical
Dimension	H x W x D mm (inch) : 448(17.6) x 79(3.1) x 96(3.8)
Weight	2400g(84.7oz) (Total weight of Transmitter + Receiver, excluding accessories)
International protection	IP65

\* Specifications and design are subject to change without prior notice.

## Dimensions



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