

PHOTOELECTRIC DETECTOR

Smart Line™ series

SL-200QN: 60m/200ft.

SL-350QN: 100m/350ft.

SL-650QN: 200m/650ft.

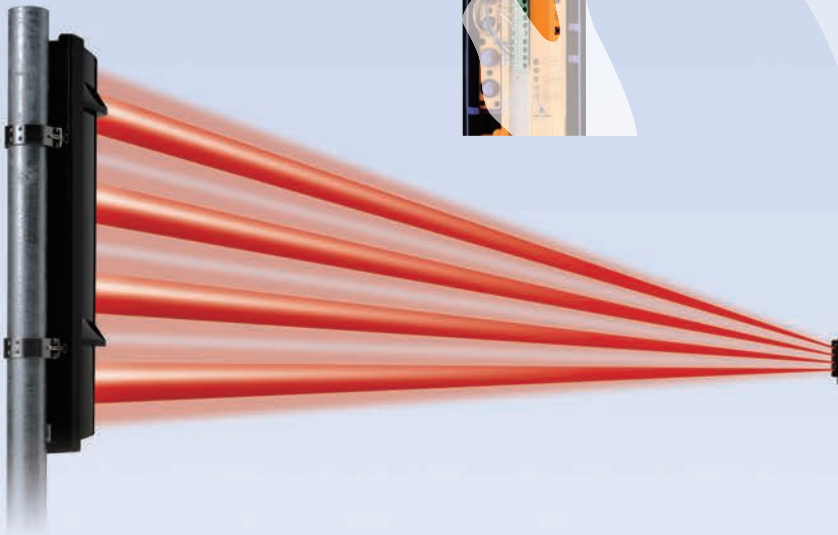
*Sniper viewfinder
with 2X magnification.*



Conventional



Sniper viewfinder



Various option

Anti Bird Cap ABC-4

Prevent birds and small animals to stop on the detector.
Keep away streaming rain and snow from the front of the detector.



Back Cover BC-4

Conceal the back side of a pole mounted detector.



Pole Side Cover PSC-4

Conceal the gap between two pole mounted detectors in back to back.



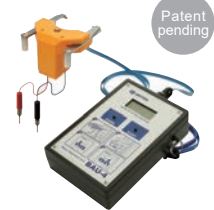
Patent pending

Conduit Bracket CBR-4



Beam Alignment Unit BAU-4

Align optical axis automatically. (applicable only to receiving units)



Patent pending

New Mechanical Design
Wide beam & United appearance

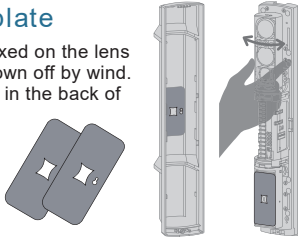
The short range mode, SL-200QN with a wide beam pitch is now available. It dramatically reduces false alarms caused by birds and falling leaves. Moreover, it is also important that forms of long and short beams are united.


Slim body & Lightweight

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

Beam blocking plate

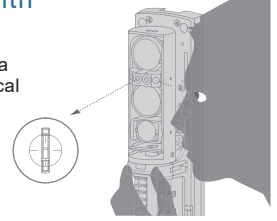
The plate can firmly be fixed on the lens unit without fear to be blown off by wind. The plates can be stored in the back of the front cover.


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

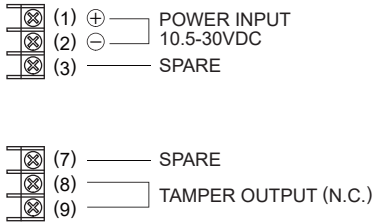
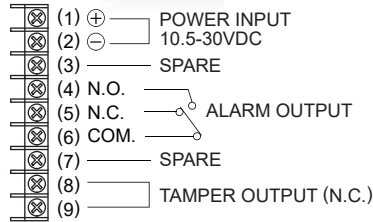
Easy-to-see vivid interior color for optical alignment.

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.

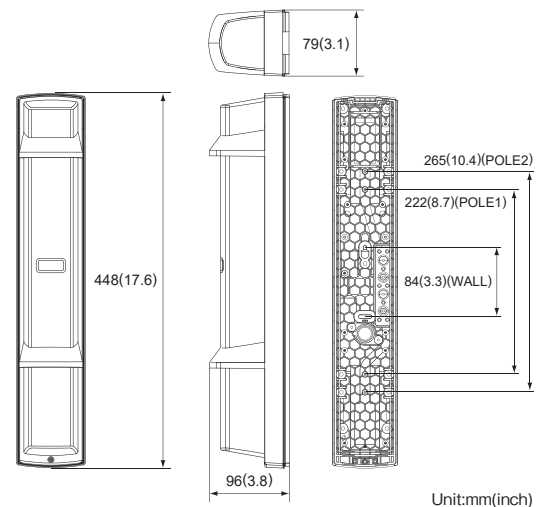
TERMINAL
Transmitter

Receiver

Heating unit HU-3 (option)


Model	HU-3
Power input	24VAC/DC
Current draw	420mA(max.) (Per 1 unit)
Thermo switch	60°C (140°F)
Operating temperature	-35°C - +60°C(-31°F - +140°F)
Weight	20g(0.7oz) (Heater(x2))
Packages	Heater(x2), Connector(x4), Waterproof agent

SPECIFICATIONS

Model	SL-200QN	SL-350QN	SL-650QN
Maximum detection range	60m / 200ft	100m / 350ft	200m / 650ft
Maximum arrival distance	600m / 2000ft	1000m / 3500ft	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	38mA (Transmitter:8mA Receiver:30mA)	39mA (Transmitter:9mA Receiver:30mA)	40mA (Transmitter:10mA Receiver:30mA)
Output	Alarm output	Form C relay : 30VDC, 0.2A	
	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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