

50ft Large Reflective Beam Sensor

E-931-S50RRLQ

The ENFORCER E-931-S50RRLQ 50ft Large Reflective Beam Sensor provides reliable long-range sensing of objects that come between the sensor and reflector and break the infrared beam. Its lensed optics reinforce beam strength and provides excellent immunity to false alarms due to rain, snow, mist, and minimizes false alarms from falling leaves, birds, etc. It is suitable for various types of detection such as perimeter security, opening a garage door or outdoor gate for approaching vehicles, measuring parking distances, industrial automation, entry notification for stores, alarm notification, and much more.



PATENTED

Features

- Up to 50ft (15m) sensing range
- Large sensor with patented design and large reflector for a large sensing area and easier alignment
- Reflective beam provides reliable perimeter security, minimizing false alarms from falling leaves, birds, etc.
- Lensed optics reinforce beam strength and provides excellent immunity to false alarms due to rain, snow, mist, etc.
- Response time adjustable from 50~700 ms for nearly all situations
- Sensor adjustable horizontally $\pm 90^\circ$ and vertically $\pm 5^\circ$
- Form C NO/NC alarm output
- Non-polarized power inputs, 12~250 VAC/VDC Operation
- LEDs to show power, beam signal, and triggered state
- N.C. Tamper switch rated 0.5A@30VDC
- IP55 Weatherproof, sunlight-filtering case for indoor and outdoor use
- Includes large reflector, hoods for sensor and reflector, and both wall- and pole-mounting hardware

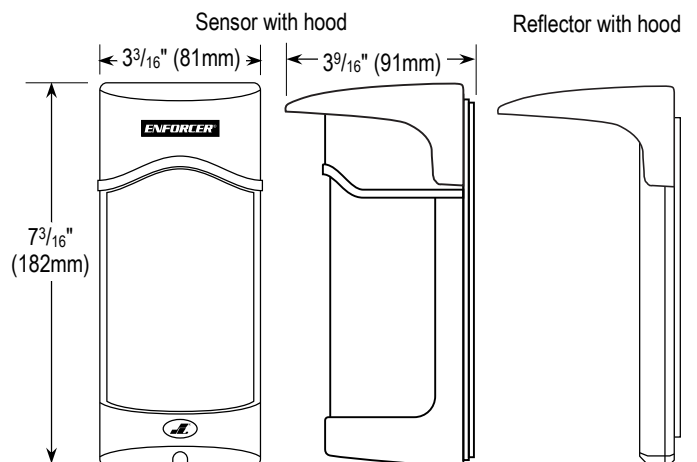
**Lensed
Optics**

**IP55
Weatherproof**

**Adjustable
Response
50~700ms**

**Up to
50ft**

Dimensions



NOTE: Sensor and reflector are the same dimensions with hoods

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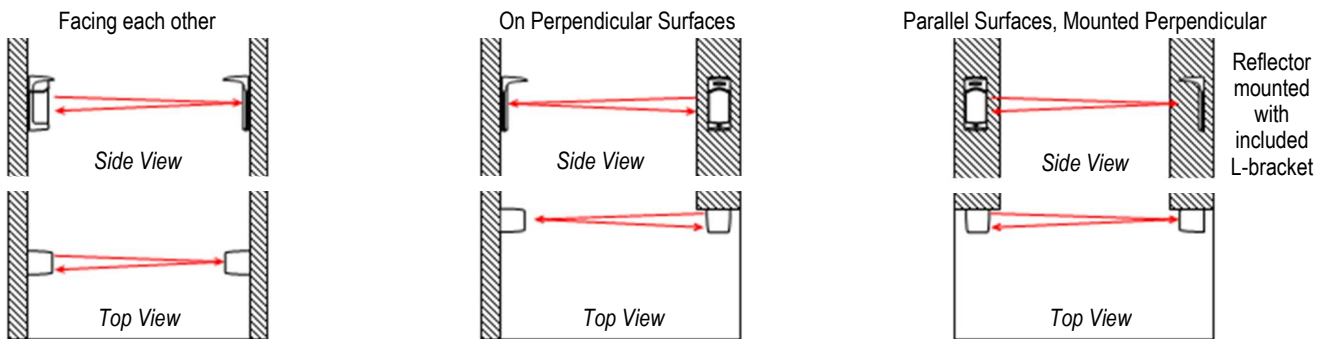
SECO-LARM® ENFORCER® CRIMEBUSTER® CBA® SLI®

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Specifications

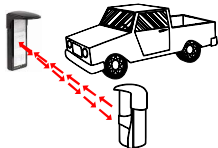
Type	Large Reflective Beam Sensor	
Operating voltage	12~250 VAC/VDC	
Current draw	100mA	
Sensing range	50ft (15m)	
Response time	50~700 ms (Programmable, factory default – 50ms)	
Alignment angle	Horizontal: $\pm 90^\circ$, Vertical: $\pm 5^\circ$	
Light source	IR LED	
LED Indicators	Red	No beam signal, triggered
	Yellow	Poor beam signal
	Green	Connected to power
Trigger output	NO/NC Relay	
Switching capacity	0.5A@120VAC, min. 1s	
Tamper switch	N.C. Switch, 0.5A@30VDC	
IP Rating	IP55, Weatherproof	
Operating temperature	-13°~131° F (-25°~55° C)	
Material	PC Resin	
Dimensions (both sensor and reflector)	3 ³ / ₁₆ "x7 ³ / ₁₆ "x3 ⁹ / ₁₆ " (81x182x91 mm)	
Weight	Sensor	14.5-oz (410g) (with hood)
	Reflector	8.8-oz (250g) (with hood)

Sample Wall Mount Configurations

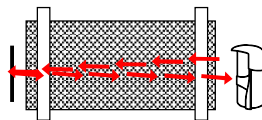


Sample Applications

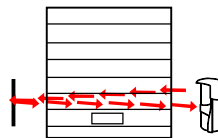
Parking Distance Monitor



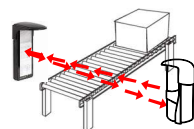
Entry Gate



Garage Door



Industrial Automation



Accessories

Large Reflector



E-931ACC-RLQ