

## Twin Photobeam Detector

**E-960-D90GQ**

Outdoor Range: Up to 90ft (30m)

ENFORCER Long Range Photobeam Detectors are easy-to-install with laser beam alignment and provide extended range. Designed to provide reliable perimeter security, both indoors and outdoors.

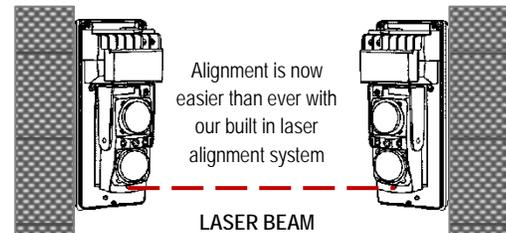


### Features:

- Twin beams minimize false alarms from falling leaves, birds, etc.
- Lensed optics reinforces beam strength and provides excellent immunity to false alarms due to rain, snow, mist, etc.
- Weatherproof, sunlight-filtering case
- Non-polarized power inputs
- Anti-frost system
- Automatic input power filtering with special noise rejection circuitry
- NO/NC trigger output
- N.C. tamper circuit included
- "U" brackets included for pole mounting
- Quick, easy installation with built-in laser beam alignment system
- Monitored output: N.C. or 10kΩ resistor on N.O. output



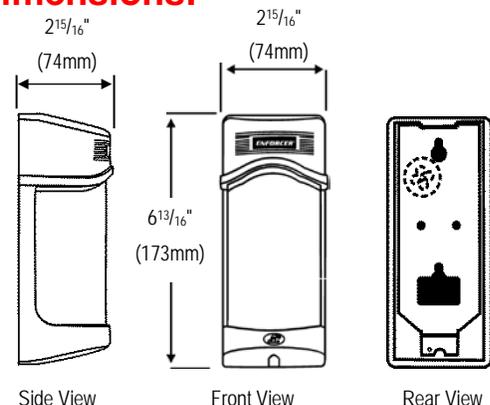
### Laser Beam Alignment:



### Specifications:

Max. range (outdoor)	90' (30m)	
Max. range (indoor)	190' (60m)	
Current (max.)	150mA	
Power	12-30 VDC/VAC, 60Hz, 200mA (non-polarized)	
Interrupt speed	10ms	
Trigger output	SPDT NO/NC/COM relay, 1@30VDC/VAC	
Tamper output	N.C. switch, 1A@30VDC/VAC	
LEDs	Red	ON indicates transmitter and receiver not aligned or beam is broken
	Yellow	ON indicates weak receiver signal or beam is broken
	Green	ON indicates unit connected to power
Laser wavelength	650nm	
Laser output power	≤5mW	
Alignment angle	Horizontal: ±90°, Vertical: ±5°	
Operating temperature	-13°-131° F (-25°-55° C)	
Weight	2.5-lb (1.1kg)	

### Dimensions:



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