

ENFORCER

Sensors

Twin Photobeam Detectors

- E-960-D390** — 790 ft. (240m) indoors, 390 ft. (120m) outdoors
- E-960-D290** — 590 ft. (180m) indoors, 290 ft. (90m) outdoors
- E-960-D190** — 390 ft. (120m) indoors, 190 ft. (60m) outdoors
- E-960-D90** — 190 ft. (60m) indoors, 90 ft. (30m) outdoors

Features:

- Twin beams provide reliable perimeter security, minimizing false alarms from falling leaves, birds, etc.
- Lensed optics reinforce beam strength and provide excellent immunity to false alarms due to rain, snow, mist, etc.
- Weatherproof, sunlight-filtering case for indoor and outdoor use.
- Anti-frost system so that beam functions even in extreme conditions.
- Automatic input power filtering with special noise rejection circuitry.
- N.C./N.O. alarm output.
- N.C. tamper circuit included.
- Non-polarized power inputs.
- Quick, easy installation with built-in laser beam alignment system.
- Interruption time adjustable for nearly all situations.

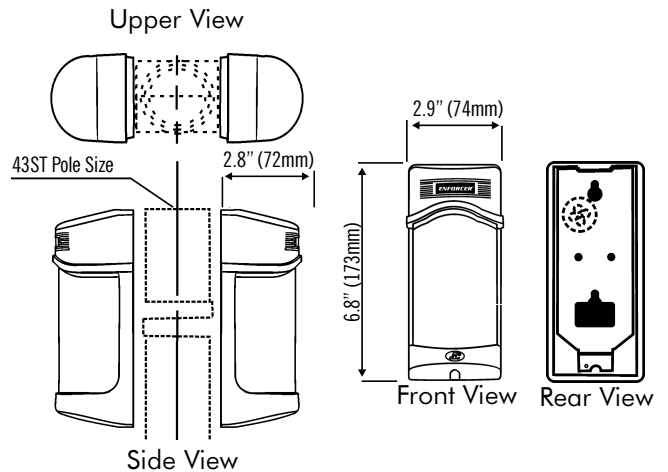
Specifications:

Model	E-960-D90	E-960-D190	E-960-D290	E-960-D390
Max. range (indoor)	190' (60m)	390' (120m)	590' (180m)	790' (240m)
Max. range (outdoor)	90' (30m)	190' (60m)	290' (90m)	390' (120m)
Current	47mA	56mA	60mA	62mA
Power	10~30VDC(Non-polarity)			
Detection method	Simultaneous break of 2 beams			
Interrupt speed*	50msec~700msec (variable)			
Alarm output	NO./NC. relay, 1A @ 120VAC			
Tamper output	NC. relay, 1A @ 120VAC			
Alarm LED	Red LED (Receiver) ON: When an alarm is initiated			
Tuning LED	Yellow LED (Receiver) ON: When an alarm is initiated			
Operation LED	Green LED (transmitter and receiver) ON: When power is applied.			
Laser wavelength	650nm			
Laser output power	≤ 5mW			
Alignment angle	Horizontal: ±90°, Vertical: ±5°			
Operating temperature	-13°F (-25°C) to +131°F (+55°C)			
Weight	2.47lbs. (1.12Kgs.)			
Case	PC Resin			

*This is the minimum time interval between breaking of both beams which will trigger the output. Setting the interval longer will reduce false alarms from birds or falling leaves, etc., while setting it shorter will detect faster moving objects.



Dimensions:



Typical Installations:

