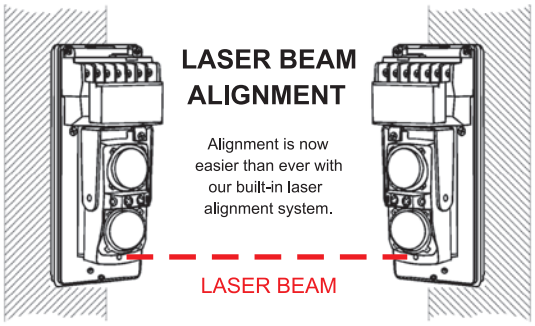
Twin Photobeam Detectors

E-960-D90Q Range: 90ft (30m) Outdoor, 190ft (60m) Indoor

E-960-D190Q Range: 190ft (60m) Outdoor, 390ft (120m) Indoor

E-960-D290Q Range: 290ft (90m) Outdoor, 590ft (180m) Indoor

E-964-D390Q Range: 390ft (120m) Outdoor, 790ft (240m) Indoor (Multi-frequency)



- Twin beams provide reliable perimeter security, minimizing false alarms from falling leaves, 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.
- NO/NC alarm output.
- N.C. tamper circuit included.
- Non-polarized power inputs.
- Quick, easy installation with built-in laser beam alignment system.
- Adjustable interrupt time (50~700 ms).
- E-964-D390Q is multi-frequency (four channels) to reduce interference.
- Covered under patents: USA: D485774, Taiwan: 89463 China: ZL03311103.0

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Specifications		E-960-D90Q	E-960-D190Q	E-960-D290Q	E-964-D390Q
Max. range (outdoor)		90′ (30m)	190′ (60m)	290′ (90m)	390′ (120m)
Max. range (indoor)		190′ (60m)	390′ (120m)	590′ (180m)	790′ (240m)
Standby current @ 12VDC(+/-10%)	TX	27.7mA	29.7mA	31mA	35.7mA
	RX	28mA	30mA	30.4mA	36mA
Triggered current @ 12VDC	RX	7.6mA	9.6mA	11.4mA	15.6mA
Number of beam channels		1	1	1	4
Operating voltage		10~30 VAC/VDC (Non-polarized)			
Interrupt time*		50~700 ms (Adjustable)			
Alarm output		NO/NC relay, 1A@120VAC			
Tamper output (TX & RX)		N.C. relay, 1A@120VAC			
LEDs		Alarm (red), Tuning (yellow), Operation (green)			
Laser wavelength		650nm			
Laser output power		≤5mW			
Alignment angle		Horizontal: ±90°, Vertical: ±5°			
Operating temperature		-13°~131° F (-25°~55° C)			

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

Dimensions: