

### Quad Photobeam Detector

**E-964-Q330Q** Outdoor range 330ft

**E-964-Q660Q** Outdoor range 660ft

#### Features

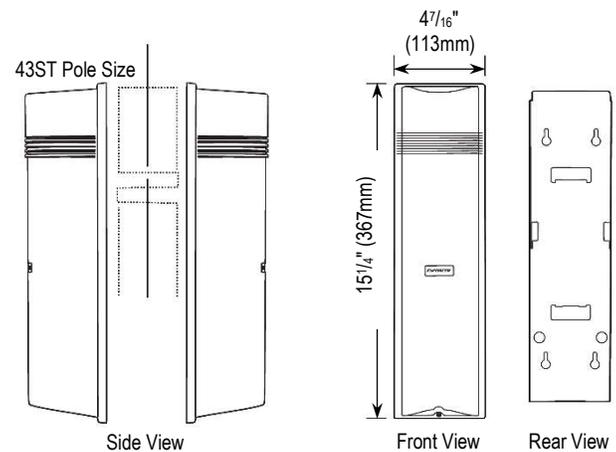
- Multi-frequency: Four selectable beam frequencies to eliminate interference between multiple units for flexible perimeter protection
- Automatic input power filtering with special noise rejection circuitry
- Environmental Output: Signal is sent if a degradation in environmental conditions is detected such as thickening fog to prevent false alarms
- Audible beam alignment (buzzer), beam strength indicator, and laser alignment make transmitter and receiver alignment faster
- Voltage testing points for fine tuning the beam alignment
- Input voltage: 12~24 VAC/VDC (non-polarized)
- Delay time adjustable for nearly all applications
- IP55 Weatherproof

#### Specifications

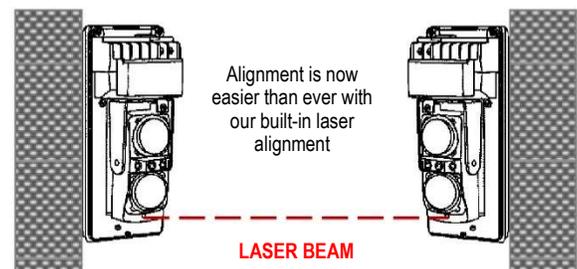
Model	E-964-Q330Q	E-964-Q660Q
Max. range (outdoor)	330'	660'
Max. range (indoor)	660'	1320'
Current (Tx & Rx)	115mA	125mA
Current (Tx & Rx & heaters)	270mA	290mA
Input Voltage	12~24VAC/VDC (Non-polarized)	
Delay time	50msec~700msec (Variable)	
Detection method	All 4 beams simultaneously broken	
Selectable beam frequencies	Four (4) channels	
Alarm output	Form "C" relay NO/NC/COM, 1A@125VAC/24VDC	
Tamper output (Tx & Rx)	N.C. switch. 1A@120VAC	
Environmental output	Selectable N.O. or N.C., 1A@125VAC/24VDC	
Beam-strength indicator	5 LEDs indicate signal strength from high to low	
Alarm LED (Rx)	Red LED - ON - Beam is broken or Tx & Rx misaligned.	
Power LED (Rx & Tx)	Green LED - ON - Power is connected.	
Laser wavelength	650nm	
Laser output power	5mW	
Alignment angle	Horizontal: ±90°, Vertical: ±15°	
Operating temperature	-13°~131° F (-25°~55° C)	
Heater operation	Turns ON @ 41°F (5°C), Turns OFF @ 77°F(25°C)	
Weight	5.7-lb. (2.6kg)	
Ingress protection	IP55	
Case	PC resin	
Dimensions	15 1/4" x 4 7/16" x 4 5/16" (387x113x110 mm)	



#### Dimensions



#### Laser Beam Alignment



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