

# Twin Photobeam Detectors

E-960-D90GQ Outdoor Range: Up to 90ft (30m)
E-960-D190GQ Outdoor Range: Up to 190ft (60m)\*
E-960-D290GQ Outdoor Range: Up to 290ft (90m)\*

**E-964-D390GQ** Outdoor Range: Up to 390ft (120m)\*

### 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
- NC/NO Trigger output
- NC Tamper circuit included
- "U" Brackets included for pole mounting
- Quick, easy installation with built-in laser beam alignment system
- Monitored Output:
  - N.C.
  - -10kΩ Resistor

## Specifications:

Model		E-960-D90GQ	E-960-D190GQ	E-960-D290GQ	E-964-D390GQ
Max. Range (outdoor)		90' (30m)	190' (60m)	290' (90m)	390' (120m)
Max. Range (indoor)		190' (60m)	390' (120m)	590' (180m)	790' (240m)
Current (Max)		150mA			
Power		12-30V DC/AC 60Hz, 200mA (non-polarized)			
Interrupt speed		10ms			
Trigger output		SPDT NO/NC/COM relay, 1A@30 VDC/VAC			
Tamper output		N.C. switch, 1A@30 VDC/VAC			
LEDS	Red	ON indicates transmitter and receiver not aligned or bream 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)			

<sup>\*</sup>Special order. Contact SECO-LARM for details.

#### SECO-LARM® U.S.A., Inc.

16842 Millikan Avenue, Irvine, CA, 92606

Phone: (949) 261-2999 | (800) 662-0800 Fax: (949) 261-7326 Website: www.seco-larm.com Email: sales@seco-larm.com

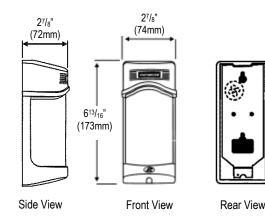




### **Laser Beam Alignment:**



#### **Dimensions:**





Copyright 2016 © SECO-LARM U.S.A., Inc. All rights reserved.

All trademarks are the property of SECO-LARM U.S.A., Inc. or their respective owners.

The SECO-LARM policy is one of continual development. For that reason, SECO-LARM reserves the right to change prices and specifications without notice. SECO-LARM is not responsible for misprints.