

DS433i Single Photoelectric Beam



The DS433i is a single-beam, indoor, flush mount photoelectric detector that is designed to mount in a standard single gang box. Its flush mount enclosure makes it an ideal choice where aesthetics are a concern. Internally pointable optics and the ability to mount in a standard single gang electrical box make it easy to install, especially for pre-wired applications.

■ Features

- Flush Mounting (standard single gang box or wall)
- Single Beam Detection
- Internally pointable optics
- AC/DC Operation
- Integral Cover Tamper

■ Basic Functions

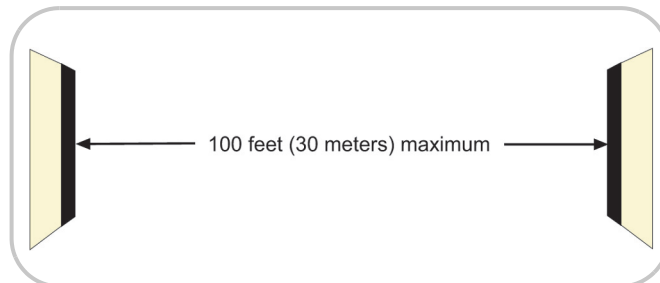
Test Features

- Red alarm LED activates upon detection. Green LEDs indicate normal operation.

■ Coverage

Standard Coverage

100 ft. (30 m)



■ Technical Specifications

Power Requirements	10 to 26 VDC; 8 to 18.5 VAC
Current Consumption (@ 12 VDC)	Transmitter: 7 mA max. Receiver: 25 mA max.
Alarm Output	Selectable Normally Open or Normally Closed output. Dry contacts rated 0.5 A @ 120 VAC; 1 A @ 24 VDC.
Tamper Output	Normally Closed, cover-activated, tamper switch.
Storage & Operating Temperatures	-4°F to +120°F (-20°C to +49°C).
Enclosure Design	Polyphenylene ether housing with Polycarbonate filter measures (HxWxD) 4.5 in. x 2.8 in. x 2.1 in. (11.4 cm x 7cm x 5.4 cm).

Standard Mounting	Flush mounting in a standard single gang electrical box or directly into wall.
Pattern Pointability	±15° horizontal, ±5° vertical.