

Photoelectric Detectors

DS416 Single Beam Photoelectric Detector

DS416

Specify optional accessories, if necessary.



The DS416 is a single-beam photoelectric detector that is designed for indoor and outdoor applications. Consisting of a separate transmitter and receiver, it is designed to activate an alarm when an intruder passes within the direct line of sight between the transmitter and receiver. Its compact design makes it an ideal choice for short range outdoor applications.

■ Features

- Single Beam Detection
- 30 ft. (9 m) range
- Internally pointable optics
- AC/DC operation

■ Basic Functions

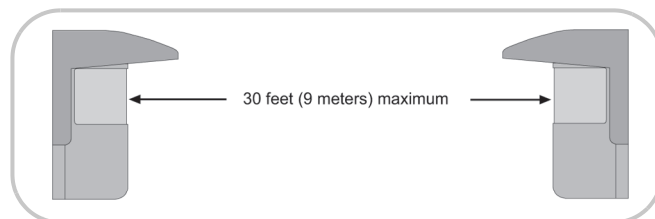
Test Features

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

■ Coverage

Standard Coverage

DS416: 30 ft. (9 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 relay contact rated 0.5 A @ 120 VAC; 1.0 A @ 24 VDC.
Alarm Memory	Alarm LED can be set to latch on continuously for 45 minutes.
Tamper Output	Normally Closed, cover-activated, tamper switch contacts rated 0.5 A @ 30 V.
Storage & Operating Temperatures	-4° to +120°F (-20°C to +49°C).
Pattern Pointability	Coverage is adjustable ±90° horizontally, ±5° vertically.
Enclosure Design	Smoked Lexan housing measures (HxWxD) 5.5 in. x 3.4 in. x 4.2 in. (14 cm x 8.6 cm x 10.7 cm).
Standard Mounting	Pole mount or surface mount.



detection systems

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