

DS422i/DS426i Dual-Beam Photoelectric Detectors



The DS422i and DS426i are dual-beam photoelectric detectors designed for indoor and outdoor applications. Consisting of a separate transmitter and receiver, they are designed to activate an alarm when an intruder passes within the direct line of sight between the transmitter and receiver.

■ Features

- Dual-Beam detection
- Range up to 200 ft. (60 m) outdoors, 600 ft. (180 m) indoors
- Selectable response time
- Small unobtrusive design

■ Approvals

UL Standards

UL639, Intrusion Detection Units

■ Planning

Mounting Considerations

May be surface or pole mounted.

■ Technical Specifications

Enclosure Design

Dimensions (HxWxD): 6.75 in. x 3.25 in. x 3.5 in.
(17.1 cm x 8.2 cm x 8.7 cm)

Material: Smoked Lexan®

Environmental Considerations

Temperature (Operating): -13°F to 130°F (-25°C to 55°C)

Outputs

Alarm: Form "C" relay contacts rated 0.5 A max at 30 V

Tamper: Normally Closed cover-activated tamper switch contacts rated 0.5 A at 30 V

Pattern Pointability: Adjustable $\pm 90^\circ$ horizontally, $\pm 24^\circ$ vertically

Trigger Response Time: Selectable from 50 ms to 700 ms

Power Requirements

Voltage (Input): 12 VDC to 28 VDC

DS422i Short-Range Photoelectric Detector

Prod. ID	DS422i
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This short-range detector has a range of 100 ft. (30 m) outdoors or 300 ft. (90 m) indoors.

■ Technical Specifications

Power Requirements

Current Draw:	40 mA max. at 12 VDC
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DS426i Long-Range Photoelectric Detector

Prod. ID	DS426i
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This long-range detector has a range of 200 ft. (60 m) outdoors or 600 ft. (180 m) indoors.

■ Technical Specifications

Power Requirements

Current Draw:	55 mA max. at 12 VDC
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