

DS936 Low Profile Panoramic PIR Detector



Security Systems



- Enhanced signal processing
- 360° x 7.5 m (24 ft) pattern
- Surface/semi-flush mountable
- Internal pointability
- Sealed detector chamber
- Mounting height 2 m to 3.6 m (7 ft to 12 ft)

The ceiling mount, low profile panoramic DS936 PIR Detector uses alternate polarity pulse count. It also uses a pointable Fresnel lens to provide up to 7.5 m (24 ft) of coverage and may be mounted on the surface, or semi-flush directly to a ceiling or a standard octagonal electrical box.

Functions

Enhanced Signal Processing

Field-selectable for standard, intermediate or high.

Test Features

External visible alarm LED. Internal noise voltage test pins provide precise pattern location and background disturbance evaluation using a standard analog meter.

Certifications and Approvals

UL Standard

UL639, Intrusion Detection Units

Approval

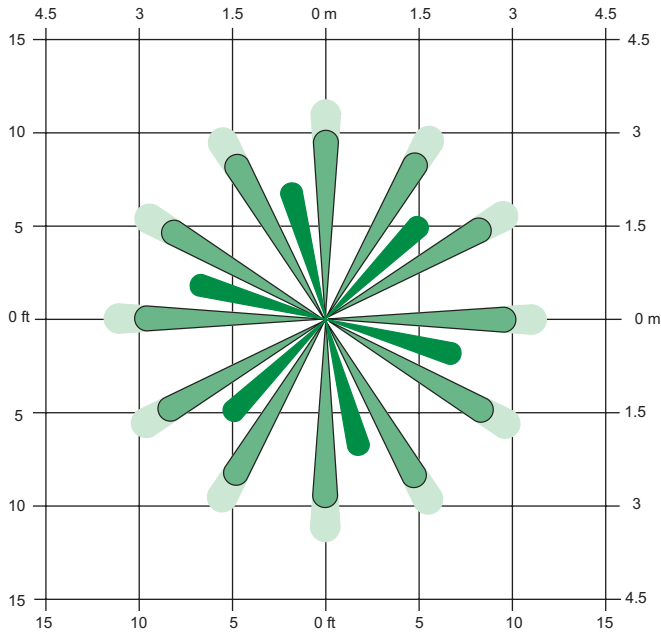
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Installation/Configuration Notes

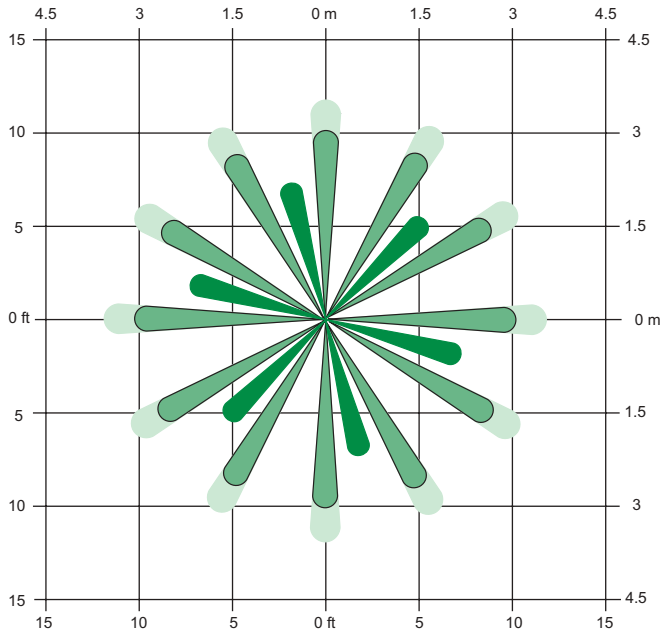
Broad: Up to 7.5 m x 360° (24 ft x 360°)

Provides 360° coverage pattern. Coverage diameter is approximately two times the mounting height.

Top View



Side View



Technical Specifications

Pattern Pointability	±15° rotational
Radio Frequency Interference (RFI) Immunity	No alarm or setup on critical frequencies in the range from 26 MHz to 950 MHz at 50 V/m.

Enclosure Design

Material:	High impact ABS plastic enclosure
Dimensions (H x D):	3.05 cm x 11.7 cm (1.2 in. x 4.6 in.)

Environmental Considerations

Operating Temperature:	-29°C to +49°C (-20°F to +120°F) <i>For UL Certificated installations, 0°C to +49°C (+32°F to +120°F)</i>
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Mounting

Height Range:	2 m to 3.6 m (7 ft to 12 ft)
Location:	Surface or semi-flush on ceiling or on standard 10 cm (4 in.) octagonal electrical box

Outputs

Alarm:	Normally-closed reed relay rated at 3.0 W, 125 mA at 28 VDC for resistive loads and protected by a 4.7 Ω resistor in the common C leg.
Tamper:	Normally-closed cover activated tamper switch with separate terminals. Tamper contacts rated 125 mA at 28 VDC maximum.

Power Requirements

Current:	20 mA at 12 VDC
Voltage:	10 VDC to 15 VDC

Ordering Information

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Hardware Accessories

TC6000 Test Cord	TC6000
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