

DS936 Low Profile Panoramic PIR Detector

www.boschsecurity.com



BOSCH
Invented for life



- ▶ Enhanced signal processing
- ▶ 360° x 7.5 m (24 ft) pattern
- ▶ Surface/semi-flush mountable
- ▶ Internal pointability
- ▶ Sealed detector chamber

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 can 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

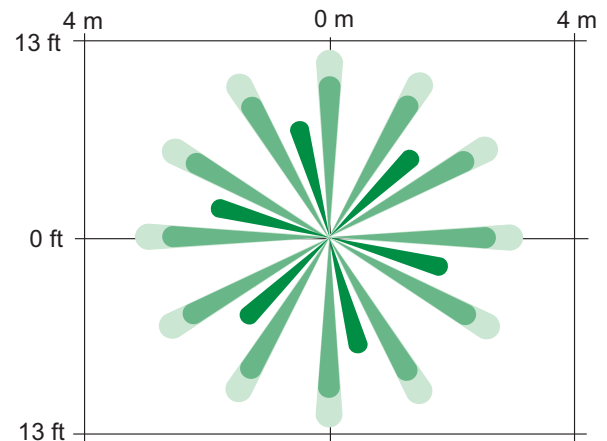
External visible alarm LED. Internal noise voltage test pins provide precise pattern location and background disturbance evaluation using a standard analog meter.

Certifications and approvals

Europe DS936 complies with EN50131-1, Grade 2

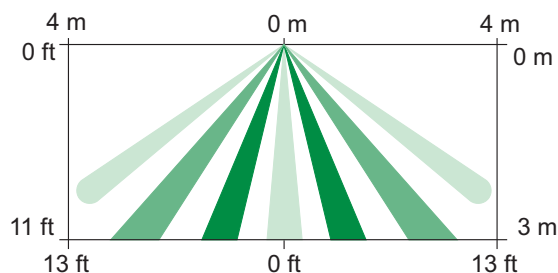
| Region | Certification | |
|--------|---------------|--|
| Europe | CE | DS936 |
| USA | UL | DS936: ANSR: Intrusion Detection Units (UL639) |
| China | CCC | 2009031901000548 |

Installation/configuration notes



Top View

Broad Coverage: Up to 7.5 m x 360° (24 ft x 360°). Provides 360° coverage pattern. Coverage diameter is approximately two times the mounting height.



Side View

Broad Coverage: Up to 7.5 m x 360° (24 ft x 360°). Provides 360° coverage pattern. Coverage diameter is approximately two times the mounting height.

Technical specifications

Enclosure Design

| | |
|-------------|---------------------------------------|
| Material: | High impact ABS plastic enclosure |
| Dimensions: | 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 Certified installations, 0°C to +49°C (+32°F to +120°F)</i> |
| 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. |
| DS936: | Complies with Environmental Class II (EN50130-5) |

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 |
| Pattern Pointability: | ±15° rotational |

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

DS936 Low-Profile Panoramic PIR Detector

Provides enhanced signal processing, 360° x 7.5 m (24 ft) pattern, mounts to surfaces, or mounts semi-flush into a ceiling.

Order number **DS936**

DS936B Low Profile Panoramic PIR Detector

Provides enhanced signal processing, 360° x 7.5 m (24 ft) pattern, mounts to surfaces, or mounts semi-flush into a ceiling. Black housing and white lens.

Order number **DS936B**

DS936-FRA Low Profile Panoramic PIR Detector

For use in France. Provides enhanced signal processing, 360° x 7.5 m (24 ft) pattern, mounts to surfaces, or mounts semi-flush into a ceiling.

Order number **DS936-FRA**

DS936-CHI Low Profile Panoramic PIR Detector

For use in China. Provides enhanced signal processing, 360° x 7.5 m (24 ft) pattern, mounts to surfaces, or mounts semi-flush into a ceiling.

Order number **DS936-CHI**

Accessories

TC6000 Test Cord

Test cord for connecting a compatible detector's test pins to a voltmeter. It is 4.6 m (15 ft) long.

Order number **TC6000**

Represented by:

North America:

Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security
Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

Bosch (Shanghai) Security Systems Ltd.
203 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

Latin America and Caribbean:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com