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.

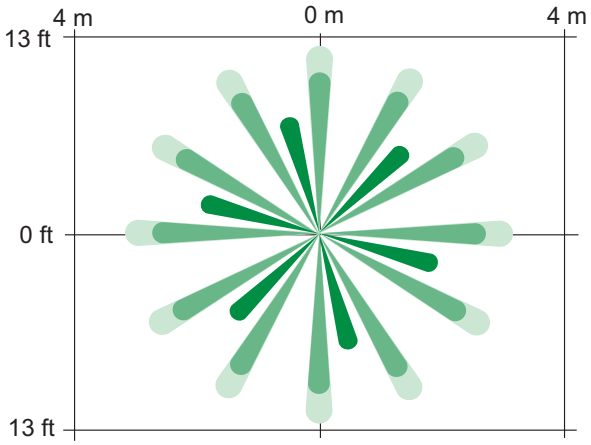
Certifications and approvals

Europe DS936 complies with EN50131-1, Grade 2

Region	Certification	
Europe	CE	EMC, LVD, RoHS [DS936]
Russia	GOST	EAC
USA	UL	[DS936]

Region	Certification	
	UL	UL 639 - Standard for Intrusion Detection Units
China	CCC	2009031901000548

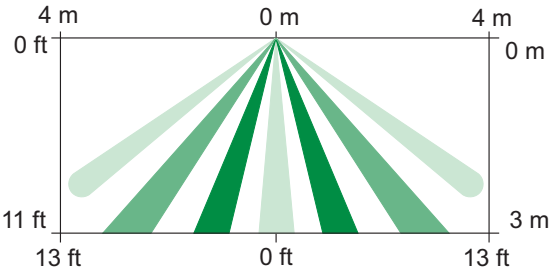
Installation/configuration notes



Top View

Available from A1 Security Cameras
www.a1securitycameras.com email: sales@a1securitycameras.com

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.

Parts included

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

Temperature (operating)	-29°C to +49°C (-20°F to +120°F) *For UL Certificated installations, 0°C to +49°C (+32°F to +120°F)*
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.

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**

Available from A1 Security Cameras
www.a1securitycameras.com email: sales@a1securitycameras.com

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