

DS936 Low Profile Panoramic PIR Detector



The ceiling mount, low profile panoramic DS936 PIR Detector uses alternate polarity pulse count. It also uses a 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 sensitivity for standard, intermediate or high.

Test Features

Visible alarm LED that can be enabled or disabled. Noise voltage test pins provide precise pattern location and background disturbance evaluation using a standard volt meter.

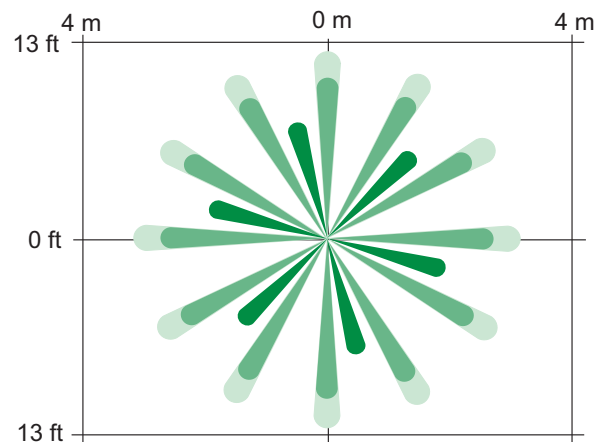
Regulatory information

Region	Regulatory compliance/quality marks	
Europe	CE	EMC, LVD, RoHS [DS936]
China	CSP	CSP2009031901000548 [DS936-CHI]
Russia	GOST	TC N RU 01-NL.MH09.B.00334 EAC
USA	UL	UL 639 - Standard for Intrusion Detection Units [DS936, DS936B]



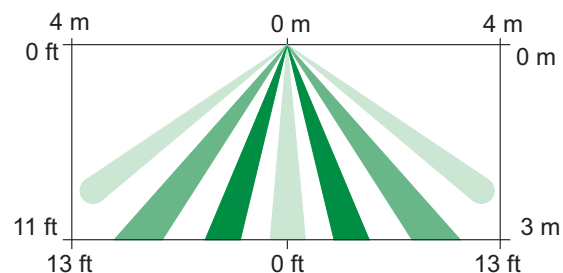
- ▶ Enhanced signal processing
- ▶ 360° x 7.5 m (24 ft) pattern
- ▶ Surface/semi-flush mountable

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

Mechanical

Material	High impact ABS plastic enclosure
Dimensions	3.05 cm x 11.7 cm (1.2 in. x 4.6 in.)
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
Enclosure material	High impact ABS plastic enclosure
Enclosure dimensions	3.05 cm x 11.7 cm (1.2 in. x 4.6 in.)

Environmental

Operating temperature and storage)	-29°C to +49°C (-20°F to +120°F)
Operating relative humidity	93%, non-condensing

Electrical

Current	15 mA at 12 VDC
Voltage	10 VDC to 15 VDC
Alarm output	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
Tampers output	Normally-closed cover activated tamper switch with separate terminals. Tamper contacts rated 125 mA at 28 VDC maximum.

Ordering information

DS936 Motion detector 360° ceiling 24ft (7.5m)

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 | 4.998.800.224 F.01U.414.142**

DS936B Motion detector 360° ceiling 24ft black

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 | F.01U.263.679 F.01U.414.145**

DS936-CHI Motion detector 360° ceiling 24ft (7.5m)

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 | F.01U.002.820**

Accessories

TC2000 3 FOOT TEST CABLE

Test cord for connecting a compatible detector's test pins to a voltmeter. It is 1 m (3 ft.) long.

Order number **TC2000 | 4.998.126.571**

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