

DS915 Recess Mount PIR Detector

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Invented for life



- ▶ Pulse count of one, two, or three
- ▶ Five field-changeable Fresnel lenses
- ▶ Semi-flush in standard switch box
- ▶ Ideal for new construction
- ▶ Internal vertical and horizontal pointability

The DS915 PIR Detector is designed to mount in a standard single gang electrical box or directly to a wall using the supplied flush mount ring. It uses alternate polarity pulse count processing, is internally pointable and uses grooves-in Fresnel lenses to provide six different coverage patterns.

Functions

Signal Processing

Alternate polarity pulse count. Field-selectable for one, two, or three pulses.

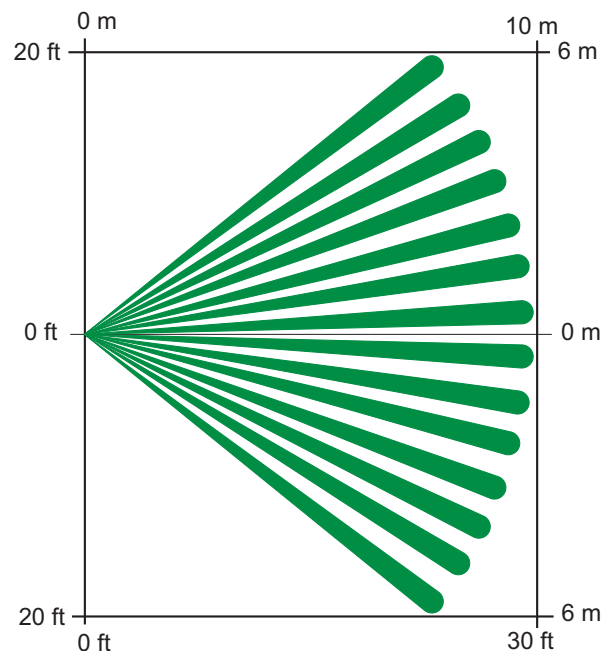
Test Features

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

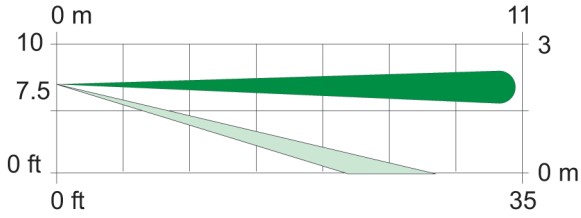
Certifications and approvals

Region	Certification
USA	UL ANSR: Intrusion Detection Units (UL639)

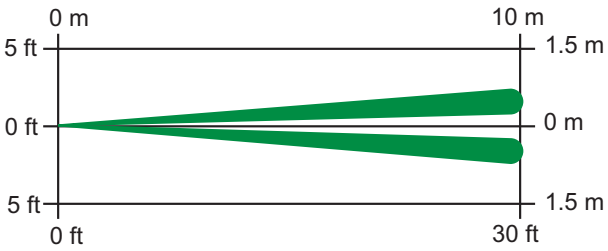
Installation/configuration notes



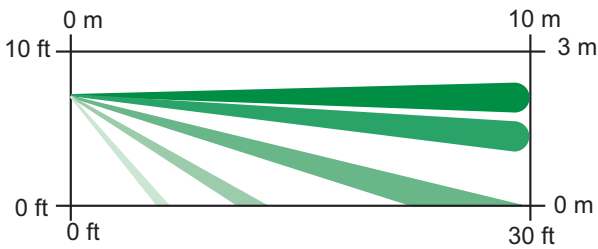
Top View
Standard Broad Coverage: 10 m x 12 m (30 ft x 38 ft)



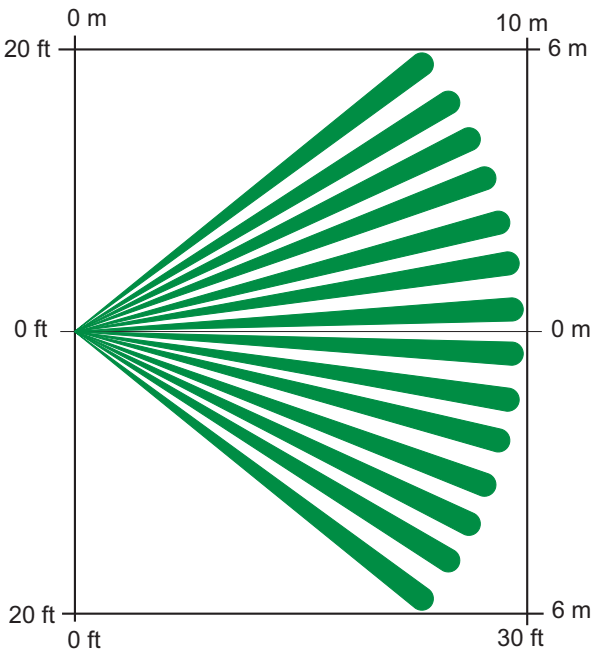
Side View
Standard Broad Coverage: 10 m x 12 m (30 ft x 38 ft)



Top View
Optional Barrier Coverage (OLB91): 10 m x 1.5 m (30 ft x 4.8 ft)



Side View
Optional Barrier Coverage (OLB91): 10 m x 1.5 m (30 ft x 4.8 ft)

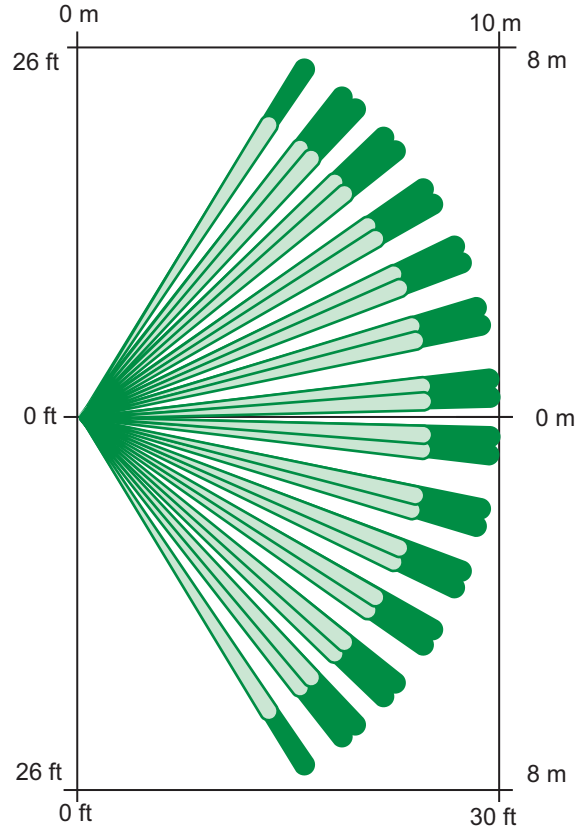


Top View

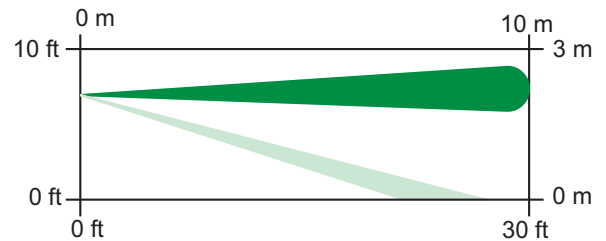
Optional Pet Coverage (OLP91): 10 m x 12 m (30 ft x 38 ft)



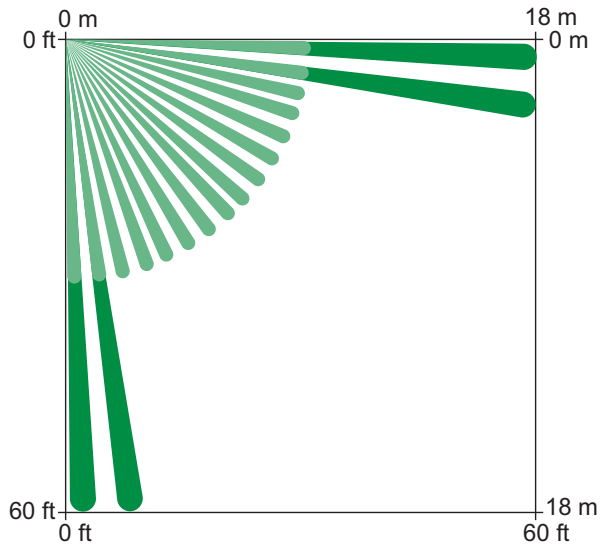
Side View
Optional Pet Coverage (OLP91): 10 m x 12 m (30 ft x 38 ft)



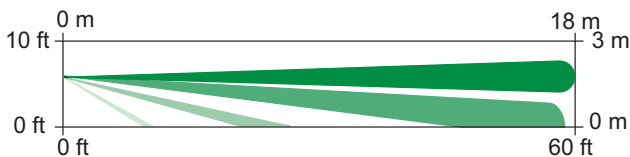
Top View
Optional Dense Wide Angle Coverage (OLW91): 10 m x 15 m (30 ft x 50 ft)



Side View
Optional Dense Wide Angle Coverage (OLW91): 10 m x 15 m (30 ft x 50 ft)

**Top View**

Optional Dual Corridor Coverage (OLC91): 18 m (60 ft) with 10 m x 10 m (30 ft x 30 ft) center

**Side View**

Optional Dual Corridor Coverage (OLC91): 18 m (60 ft) with 10 m x 10 m (30 ft x 30 ft) center

Technical specifications**Enclosure Design**

Dimensions:	12.5 cm x 8.4 cm x 2.0 cm (4.875 in. x 3.25 in. x 0.625 in.)
Material:	High impact ABS plastic enclosure

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>
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 2.6 m (6.5 ft to 8.5 ft) recommended
Pattern Pointability:	Coverage is adjustable +2° to -14° vertically, ±10° horizontally.

Power Requirements

Current Draw:	20 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.

Ordering information**DS915 Recess Mount PIR Detector**

Provides pulse count processing, movable lenses, and six coverage patterns.

Order number **DS915**

Accessories**OLB91-3 Barrier Lens Kit**

Provides barrier coverage with a 10 m x 1.5 m (30 ft x 4.8 ft) pattern. Shipped in packages of three. Order number **OLB91-3**

OLC91-3 Dual-corridor Lens Kit

Provides coverage for two corridors with two 18 m (60 ft) barriers and a 10 m x 10 m (30 ft x 30 ft) central coverage pattern. Shipped in packages of three.

Order number **OLC91-3**

OLP91-3 Pet Lens Kit

Provides pet-avoidance coverage with a 10 m x 12 m (30 ft x 38 ft) pattern. Shipped in packages of three.

Order number **OLP91-3**

OLW91-3 Dense Wide-angle Lens Kit

Provides dense wide-angle coverage with a 10 m x 15 m (30 ft x 50 ft) pattern. Shipped in packages of three.

Order number **OLW91-3**

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**

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