

DS150i Series Request-to-exit Detectors

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Invented for life



- ▶ Single or double door use
- ▶ Wall or ceiling mountable
- ▶ Internal vertical pointability
- ▶ Wrap-around coverage pattern
- ▶ Selectable relay trigger mode

The DS150i Series consists of the DS150i Detector (light gray) and the DS151i Detector (black). They are specifically designed for Request-to-exit (REX) applications. The DS150i and DS151i detect motion in their coverage area and signal an access control system or door control device.

Installation/configuration notes

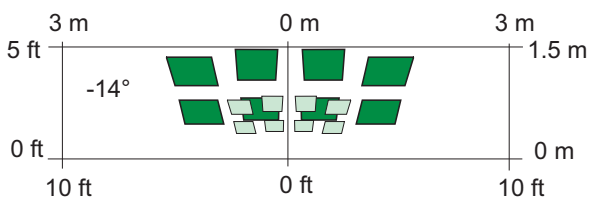
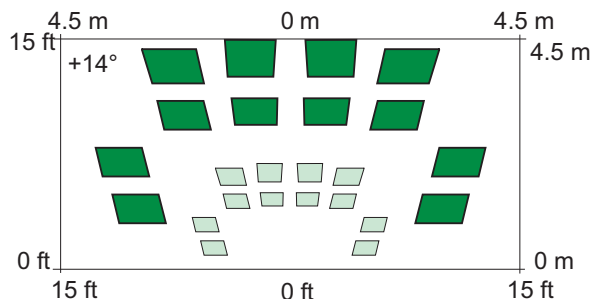
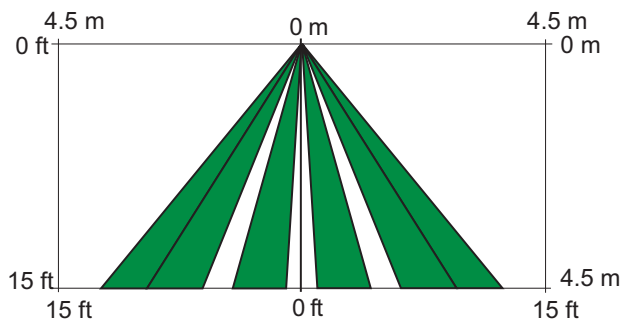
Functions

Test Features

Externally visible activation LED.

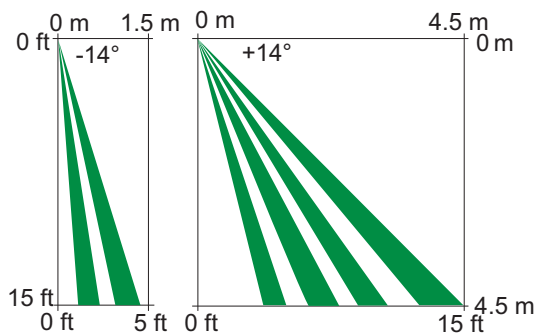
Certifications and approvals

Region	Certification	
Australia	RCM	[DS150i]
Europe	CE	2004/108/EC EMC Directive; 2006/95/EC Low-Voltage Directive; 2011/65/EU Restriction of the use of certain hazardous substances in electrical and electronic equipment
USA	UL	ALVY: Access Control Systems Units (UL294)



Front View and Top Views

A front view of the DS150i and DS151i coverage, as well as top views of the coverage pattern on the floor. The typical coverage measurements are 2.4 m x 3 m (8 ft x 10 ft).



Side View

A side view of the DS150i and DS151i coverage pattern.

Technical specifications

Electrical

Current Draw:	26 mA at 12 VDC
Voltage:	12 VAC or VDC; 24 VAC or VDC

Mechanical

Alarm Output:	Two Form C relay contacts
Indicators:	One activation LED
Relay Latch Time:	Adjustable to 60 sec
Enclosure Dimensions:	3.8 cm x 15.9 cm x 3.8 cm (1.5 in. x 6.25 in. x 1.5 in.)
Enclosure Material:	High impact ABS plastic enclosure
Power Loss Default Mode:	Programmable fail-safe or fail-secure modes.
Timer Mode:	Programmable reset (accumulative) or non-reset (counting) mode.
Mounting Location:	Surface mount on wall or ceiling

Environmental

Operating Temperature:	-29°C to +49°C (-20°F to +120°F)
Radio Frequency Interference (RFI) Immunity:	No alarm or setup on critical frequencies in the range from 26 MHz to 1000 MHz at 50 V/m.

Ordering information

DS150i Request-to-exit PIR Detector

For use in Request-to-EXit (REX) applications. Provides PIR, 2.4 m x 3 m (8 ft x 10 ft) coverage. Order number **DS150i**

DS151i Request-to-exit PIR Detector

Black enclosure. For use in Request-to-EXit (REX) applications. Provides PIR, 2.4 m x 3 m (8 ft x 10 ft) coverage. Order number **DS151i**

Accessories

TP160 Trim Plate

A light gray trim plate used when mounting the detector over a standard single-gang box. Order number **TP160**

TP161 Trim Plate

A black trim plate used when mounting the sensor over a standard single-gang box. Order number **TP161**

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