DS150i Series Request-to-exit Detectors

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BOSCH
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.

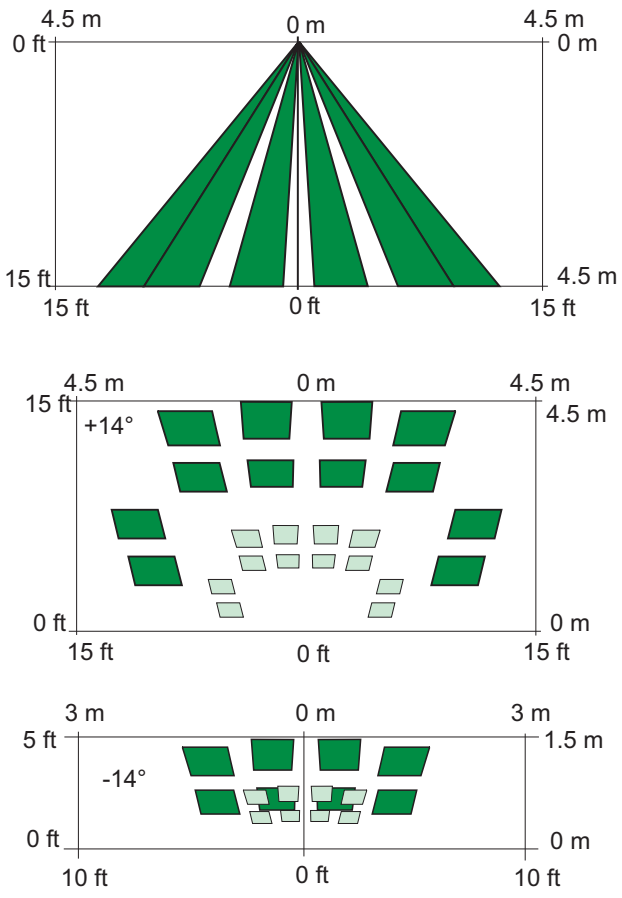
Functions

Test Features
Externally visible activation LED.

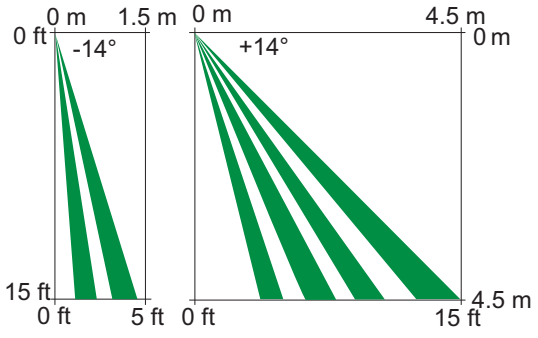
Certifications and approvals

Region	Certification	
Australia	RCM	[DS150i]
Europe	CE	EMC, LVD, RoHS
USA	UL	ALVY: Access Control Systems Units (UL294)

Installation/configuration notes



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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