BOSCH

Invented for life

DS150i Series Request-to-exit Detectors

- ▶ **Single or double door use**
- ▶ **Wall or ceiling mountable**
- ▶ **Internal vertical pointability**
- ▶ **Wrap-around coverage pattern**
- ▶ **Selectable relay trigger mode**
- ▶ **Selectable fail safe/fail secure modes**

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.
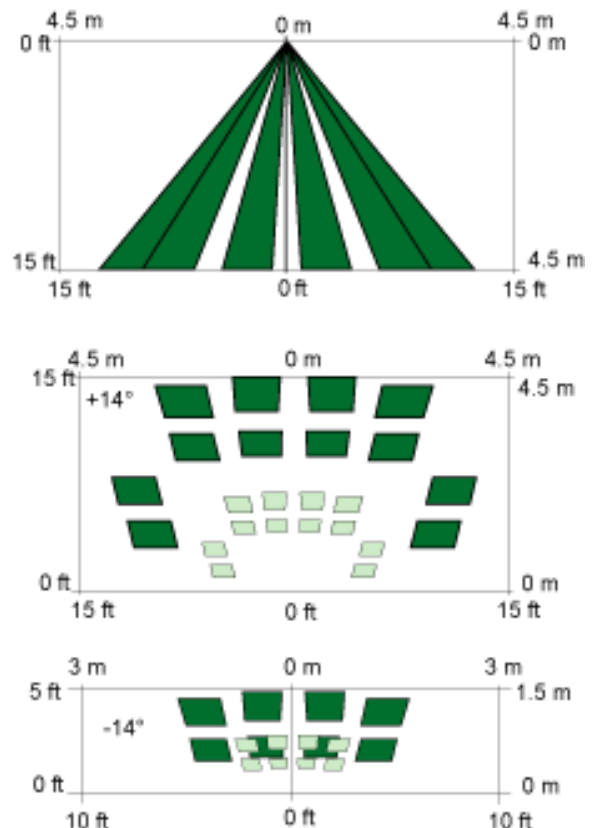
Functions

Test Features

Externally visible activation LED.

Certifications and Approvals

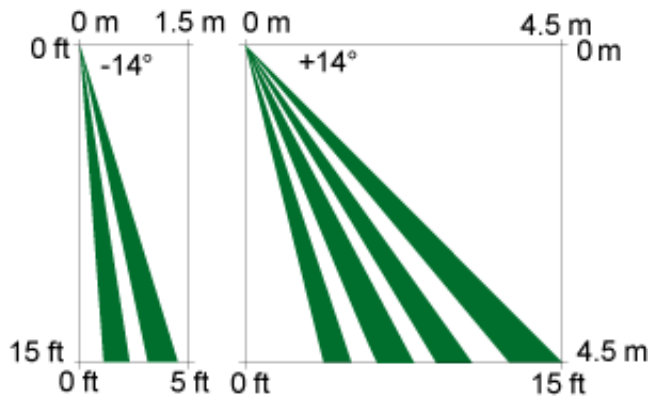|	
UL Standard	UL294, Access Control System Units
Approval	C€

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 Gray enclosure. For use in request-to-exit (REX) applications. Provides 2.4 m x 3 m (8 ft x 10 ft) coverage.	DS150i
DS151i Request-to-exit PIR Detector Black enclosure. For use in request-to-exit (REX) applications. Provides 2.4 m x 3 m (8 ft x 10 ft) coverage.	DS151i

Accessories

TP160 Trim Plate A light gray trim plate used when mounting the detector over a standard single-gang box.	TP160
TP161 Trim Plate A black trim plate used when mounting the sensor over a standard single-gang box.	TP161