

# 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

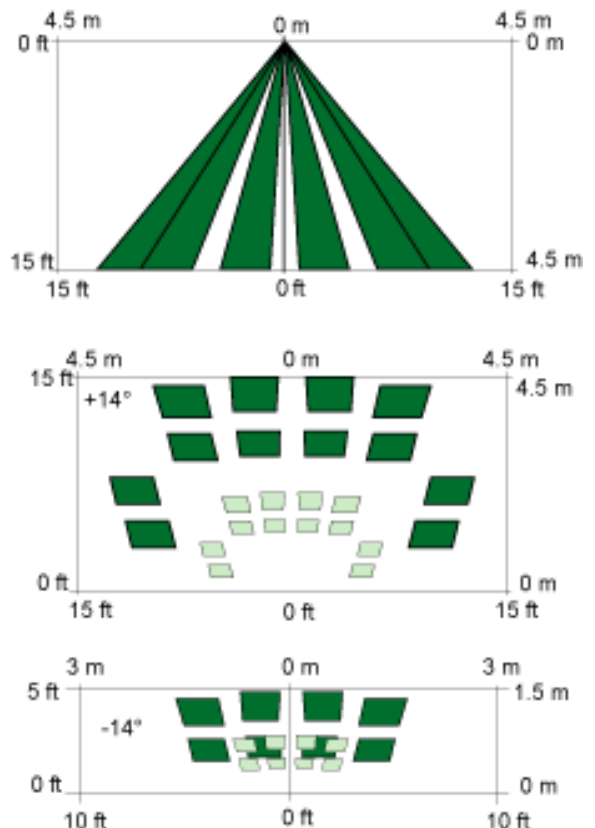
### Test Features

Externally visible activation LED.

## Certifications and Approvals

UL Standard	UL294, Access Control System Units
Approval	CE

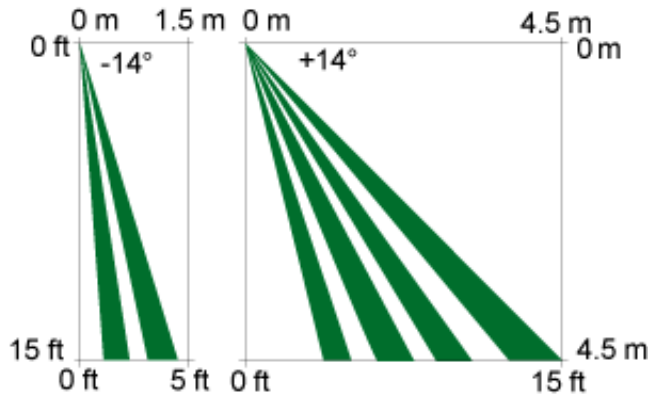
## Installation/Configuration Notes



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