

# DS150i Series Request-to-exit Detectors

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- ▶ 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

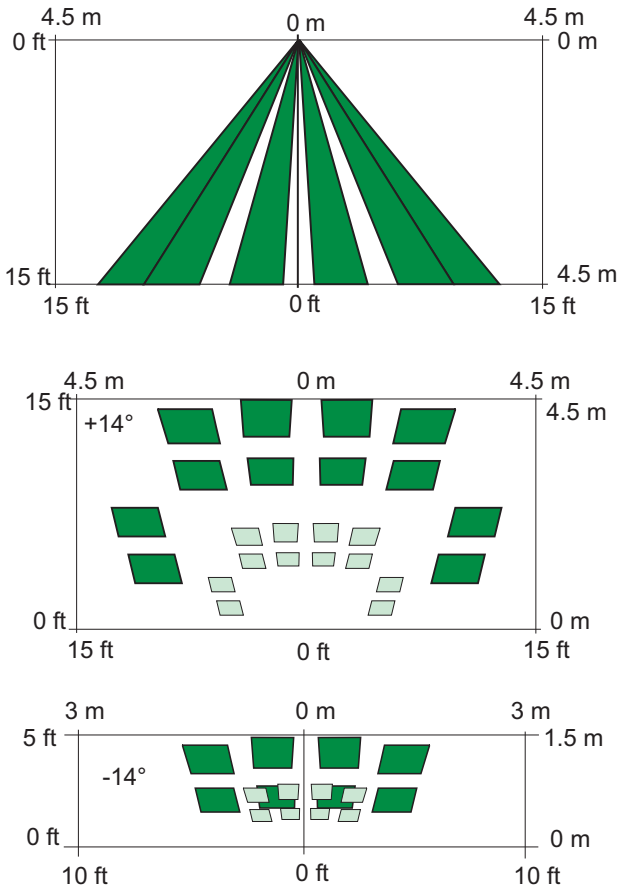
### Functions

#### Test Features

Externally visible activation LED.

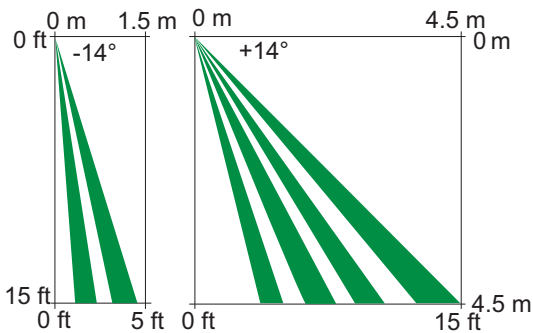
### Certifications and approvals

| Region    | Certification                                 |
|-----------|---|
| Australia | RCM [DS150i]                                  |
| Europe    | CE EMC, LVD, RoHS                             |
| 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**