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

<table>
<thead>
<tr>
<th>Region</th>
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<tbody>
<tr>
<td>Australia</td>
<td>RCM</td>
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<td>Europe</td>
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<td>USA</td>
<td>UL</td>
<td>ALVY: Access Control Systems Units (UL294)</td>
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</table>
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 (cumulative) 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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