

DS150i/DS151i Request-to-Exit Sensors

The Detector Series consists of the DS150i and DS151i Detectors 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.

■ Features

- 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

■ Basic Functions

Test features

Externally visible activation LED.

■ Approvals

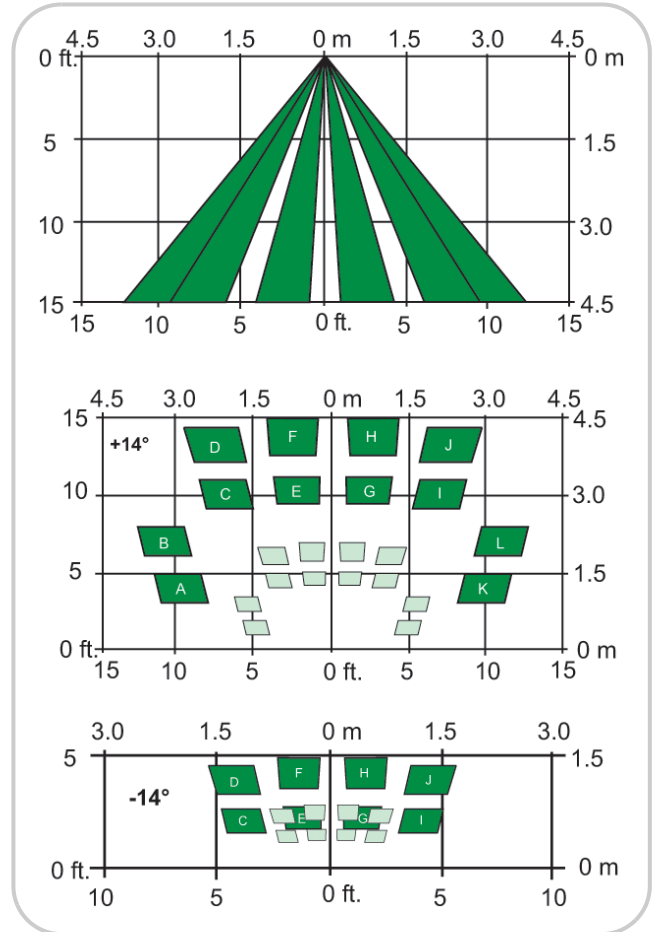
UL Standard UL294, Access Control System Units

Approval 

■ Planning

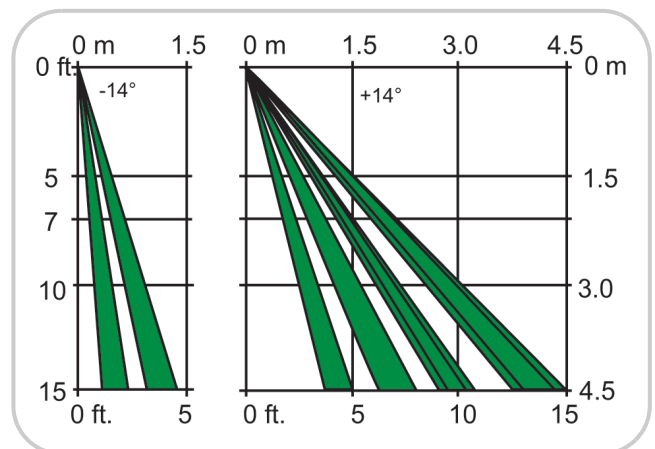
Front View/Top Views

A front view of the DS150i/DS151i coverage, as well as top view of the coverage patterns on the floor. The typical coverage measurements are 8 ft. x 10 ft. (2.4 m x 3 m).



Side View

A side view of the DS150i/DS151i coverage pattern.

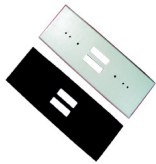


■ Technical Specifications

Alarm Output	2 Form "C" relay contacts
Enclosure Design	
Material:	High impact ABS plastic enclosure
Dimensions (HxWxD):	1.5 in. x 6.25 in. x 1.5 in. (3.8 cm x 15.9 cm x 3.8 cm)
Environmental Considerations	
Operating Temperature:	-20°F to +120°F (-29°C to +49°C)
Indicators	1 activation LED
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.
Mounting	
Location:	Surface mount on wall or ceiling
Power Loss Default	Programmable Fail Safe or Fail Secure modes.
Power Requirements	12 or 24 VAC, 12 or 24 VDC, 26 mA @ 12 VDC
Relay Latch Time	Adjustable to 60 seconds.
Timer Mode	Programmable resettable (accumulative) or non-resettable (counting) mode.

Hardware Options

TP160/TP161 Trim Plate



A trim plate for mounting the detector over a standard single gang box.

TP160: light gray, TP161: black

DS150i Surface Mount Detector in Light Grey Enclosure

Prod. ID DS150i



DS151i Surface Mount Detector in Black Enclosure

Prod. ID DS151i

