

# IS215T

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## PIR motion sensor



The IS215T is an entry level passive infrared motion sensor. Dip switch setting, a large wiring channel and mounting flexibility make the IS215T easy to install.

Compromising the IS215T is inhibited by the look-down zones, tamper switch, sabotage-resistant lens design and the magnet-proof relay. All these factors make the IS215T an ideal sensor for residential and light commercial applications.

## Features:

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- Cannot be compromised by a magnet
- Dip switches for easy setting of parameters
- Improved RF immunity
- Large wiring channel on back to allow surface wiring
- Patented look-down mirror provides optimum detection directly beneath the sensor
- Wall-mount and corner mount knockouts provides mounting flexibility
- Sabotage-resistant lens design
- Selectable sensitivity
- Tamper switch: activates before access to the circuitry is possible
- White Light Immunity of minimum 6500 Lux reduces the chance of false activation
- Bug guard prevents insects access to the sensor optics which reduces the chance of false activation
- Designed for residential and light commercial applications
- Silent relay allows for use in quiet environments

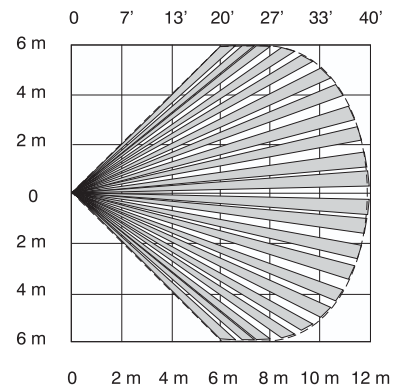
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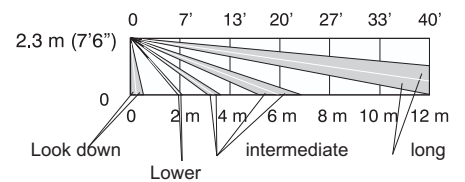
| Specifications        |   |
|-----------------------|---|
| Detection method      | Dual element passive infrared                                 |
| Range                 | 12 x 12 m   |
| Detection zones       | 44 long range, 14 intermediate, 8 lower and 4 look-down       |
| PIR sensitivity       | Low (3-5 steps) and High (1-3 steps) by dipswitch             |
| LED enable            | By dipswitch  |
| Mounting height       | 2.3 to 2.7 m  |
| Power requirements    | 10 - 14 Vdc, 7 mA @ 12 Vdc                                    |
| Alarm relay           | Form A (NC) / 90 mA @ 16 Vdc, max. 40 Ohm protective resistor |
| Tamper switch         | 500 mA @ 30 Vdc   |
| Operating temperature | -10°C to +55°C  |
| Relative humidity     | 5% - 95% non condensing                                       |
| RF Immunity           | 30 V/m from 10 to 1000 MHz                                    |
| White Light Immunity  | Better than 6500 Lux  |
| Dimensions            | 86 x 60 x 38 mm. (HxWxD)                                      |
| Weight                | 67g.  |

### Detection Patterns:

#### • Top View



#### • Side View



### Ordering:

IS215T          Passive infrared motion sensor

#### Accessories:

SMB10          White swivel mount bracket (5 pack)  
SMB10C        White ceiling mount bracket (5 pack)  
SMB10T        Tampered white swivel mount bracket (5 pack)

### Agency Listings:

- CE

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