

## Passive Infra Red Motion Sensor

*The IS-215T motion sensor offers quality detection and simple installation for basic security applications*



### Features

- **Attractive, Sleek Design**  
The smooth, white housing is designed to blend with any room decor.
- **Flush Mounting**  
A large wire channel allows for quick, neat installations.
- **Installer-friendly Terminal Blocks**  
A 45° terminal block offers a clear view of the wiring platform, even when the sensor is already mounted.
- **Look-down Zones**  
IntelliSense patented look-down mirror provides for optimum detection pattern directly beneath the sensor.
- **Mounting Flexibility**  
The unit easily mounts on walls or in corners for a full range of coverage. With subtle corner mounting knock-outs, the IS-215T maintains its streamlined aesthetics no matter where it is placed.
- **Sabotage-resistant Lens Design**  
The lens wraps around a retainer, making it more stable and difficult to sabotage.
- **Selectable Sensitivity**  
Sensitivity can be adjusted to match installation requirements.
- **Tamper Switch**  
The sealed tamper switch signals before any enclosure access is possible.
- **White Light Immunity**  
A white light absorbing, carbon-filled black bug guard dramatically increases white light immunity.
- **Bug Guard**  
Prevents insect access into the sensor optics, eliminating potential for false activation.
- **Applications**  
Designed for residential and light commercial applications.



## Specifications

### Physical

White, high impact ABS housing  
Height : 87 mm  
Width : 62 mm  
Depth : 40 mm  
Weight : 65.5 g

### Power Requirements

20 mA @ 12 VDC.

### Operating Voltage

10 ~ 14 VDC.

### Alarm Relay

Form A (NC) \ 100 mA @ 24 VDC.

### Tamper Switch

24V, 25 mA.

### Operating Temperature

-10°C ~ 49°C.

### RF Immunity

20 V/m from 10-1000 MHz.

### White Light Immunity

2.500 lux.

### PIR Sensitivity

Jumper selectable - high and low.

### LED Enable

Can be enabled/disabled by a jumper.

### Wire Channel

8 mm x 6.5 mm (w x d)

### Accessories

**SMB-10** : Universal white swivel mount bracket.

**SMB-10T** : Tampered universal white swivel mount bracket.

**SMB-10C** : Universal white ceiling mount bracket.

### Approvals

Available local approvals, to be requested from your distributor / dealer.



## Detection Patterns

### Detection Range

12 m x 12 m.

### PIR Fields of View

(2 fields of view per PIR finger)

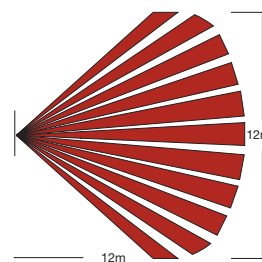
Long Range : 44

Intermediate : 14

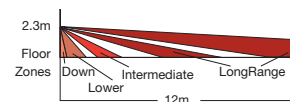
Lower : 8

Look-down : 4

**Top View**  
Wide Angle Lens



**Side View**  
Wide Angle Lens



For further information, please contact:

