IntelliSense®

IS-215T
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 gr.

Power Requirements
20 mA @ 12 VDC.

Operating Voltage
10 ~ 14 VDC.

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

Tamper Switch
24V, 100 mA.

Operating Temperature
-10° ~ 49°C.

RF Immunity
20V/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
CE approved.

Further information on approvals,
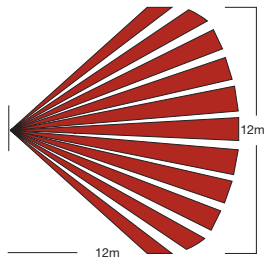to be requested from local distributors/dealers.

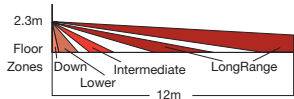## Detection Patterns

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

12m

12m

Side View
Wide Angle Lens

2.3m
Floor Zones
Down
Lower
Intermediate
LongRange
12m

For further information, please contact: