

IS215T

Passive Infrared Motion Sensor



The IS215T Motion Sensor offers quality detection in an attractive white housing. The IS215T is fully featured, flexible and simple to install for basic security applications.

FEATURES

New

Ultra Low current design

- 50% reduction in max current consumption

New

Silent Relay

- Can be used in quiet environments

New

Tamper Proof Design

- Alarm relay cannot be compromised with a magnet

New

Installer Friendly Settings

- Dip switch design offers easy to set parameters with no jumpers to mess with

New

Improved EMI Immunity

- Surface Mount Design reduces false activations due to RF interference

Attractive Sleek Design

- The stylish white housing is designed to blend with any room décor

Surfaced Run Wiring

- A large wiring channel allows for quick, neat installations

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 knockouts, the IS215T 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, black bug guard dramatically increases white light immunity to greater than 6500 Lux, reducing the chance of false activation

Bug Guard

- Prevents insect access into the sensor optics, reducing the chance of false activation

Applications

- Designed for residential and light commercial applications

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SPECIFICATIONS

Detection Method

- Dual element passive infrared

Coverage

- 40' X 40' (12m x12m)

Detection Zones

- 44 long range, 14 intermediate, 8 lower, 4 look-down (2 fields of view per PIR finger)

PIR Sensitivity

- Dip switch selectable - low (3-5 steps PC2 and High (2-4) steps PC1)

LED Enable

- Can be enabled/disabled by a dip switch

Mounting Height

- 7 ft. 6 inches (2.3 meters)

Power Requirements

- 10-14VDC
- 7mA @ 12VDC

Alarm Relay

- Form A (NC)\90mA @ 16VDC

Tamper Switch

- 30V, 0.5A.

Operating Temperature

- 14° – 131°F (-10° to +55°C)

Relative Humidity

- 5% to 95% noncondensing

RF Immunity

- 30V/m from 10-1000 MHz

White Light Immunity

- >6500 Lux

Dimensions

- 3 3/8" H X 2 3/8" W x 1 1/2" D (max protrusion) (86mm x 60mm x 38mm)

Weight

- 66.62g (2.35oz) packaged product 92.14g (3.25oz)

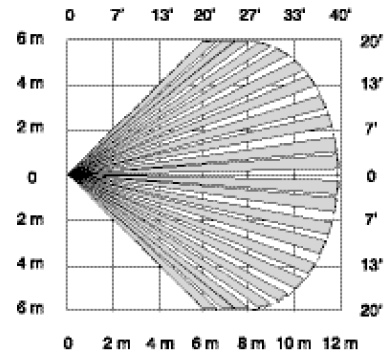
Agency Listing

- FCC
- IC
- EN50131-1 Security Grade 2, Environmental Class II
- Ctick
- cULus
- CE
- ANPI
- VSÖ
- SKAFOR
- NCP
- FG
- SBSC
- MABISZ
- Techom

DETECTION PATTERNS

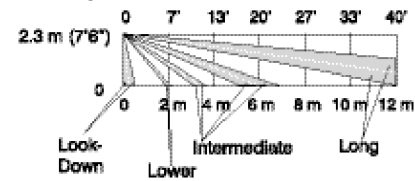
TOP VIEW

Wide Angle Lens



SIDE VIEW

Wide Angle Lens



ORDERING

IS215T Passive Infrared Motion Sensor
Accessories

0-000-110-01 SMB-10 : Universal White Swivel Mount Bracket

0-000-155-01 SMB-10T : Tampered Universal White Swivel Mount Bracket

0-000-111-01 SMB-10C : Universal White Ceiling Mount Bracket

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