

IS215TCE

Passive Infrared Motion Sensor



The IS215TCE Motion Sensor offers quality detection in an attractive white housing. The IS215TCE is fully featured, flexible and simple to install for basic security applications.

FEATURES

Global Compliance

- Meets EN 50131-1, Grade 2 Class II
- Meets TS EN50131-2-2 Grade 2, Class II

Temperature Compensation

- Advanced Dual Slope

Microprocessor Controlled

- Digital processing for improved detection and False alarm protection

Shock Algorithm

- Reduces false alarms

Tamper Proof Design

- Alarm relay cannot be compromised with a magnet

Installer Friendly Settings

- Dip switches are easier to program and can not be lost unlike jumpers

Improved EMI Immunity

- Surface mount design reduces false activation 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 IS215TCE 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 false activations

Bug Guard

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

Applications

- Designed for residential and light commercial applications

Silent Relay

- Can be used in quiet environments

Automatic Walk Test

- Saves time on installation

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

PIR Sensitivity

- Dip switch selectable - Low (3-5 Steps PC2) and High (1-3 Steps PC1)

LED Enable

- Can be enabled/disabled by Autowalk a dip switch

Mounting Height

- 7' 6" to 9' (2.3m to 2.7m)

Power Requirements

- 8.5 – 15.4VDC
- 16mA @ 12VDC

Alarm Relay

- Form A (SPST)30mA @ 24VDC MAX 40 Ohm protective resistor

Tamper Switch

- 24VDC, 30mA

Temperature Compensation

- Advanced Dual Slope

Operating Temperature

- 14° – 131°F (-10° to +55°C)

Relative Humidity

- 5% – 95% non condensing

RF Immunity

- 30V/m from 10-1000 MHz.

White Light Immunity

- >6500 Lux

Weight

- -66.62g (2.35 oz)
- Packaged Product 92.14 g (3.25 oz)

ORDERING

IS215TCE Passive Infrared Motion Sensor

ACCESSORIES

- 0-000-110-01** SMB-10 : Universal White Swivel Mount Bracket (5 Pack)
- 0-000-155-01** SMB-10T : Tampered Universal White Swivel Mount Bracket (5 Pack)
- 0-000-111-01** SMB-10C : Universal White Ceiling Mount Bracket (5 Pack)

Dimensions

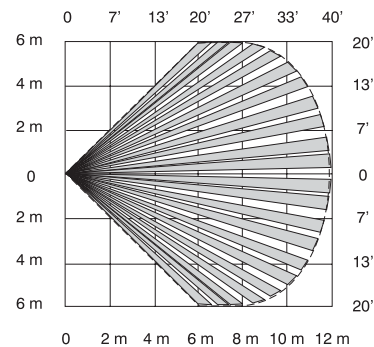
- 3 3/8" H X 2 3/8" W x 1 1/2" D (max protrusion)
(86mm x 60mm x 38mm)

Agency Listing

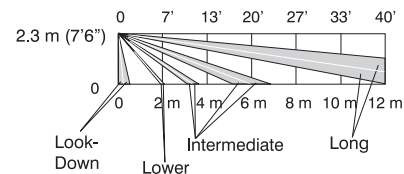
- FCC
- IC
- EN50131-1 and TS 50131-2-2 Security Grade 2, Environmental Class II
- Ctick
- cULus
- CE
- SIA PIR-01s
- Techom
- MABISZ
- FG, Skafor, SBSC, ANPI, NCP, Incert - pending

DETECTION PATTERNS

TOP VIEW
Wide Angle Lens



SIDE VIEW
Wide Angle Lens



Honeywell Security & Custom Electronics

Honeywell International Inc.
PO Box 9035
Syosset, NY 11791
www.honeywell.com

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