

IS216/IS216T

PASSIVE INFRARED MOTION SENSOR



The IS216 family of PIR motion sensors offer quality detection in an attractive white housing that blends with any décor. The IS216 is flexible and simple to install for basic security applications—mounting easily on walls or in corners. The IS216T contains the same great features as well as a case tamper.

FEATURES

- **UV Tolerant Lens**

Can withstand high UV environments with minimal degradation

- **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**

Honeywell 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 IS216 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 (IS216T only)**

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

- **Black Bug Guard**

Prevents insects from entering 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

IS216/IS216T

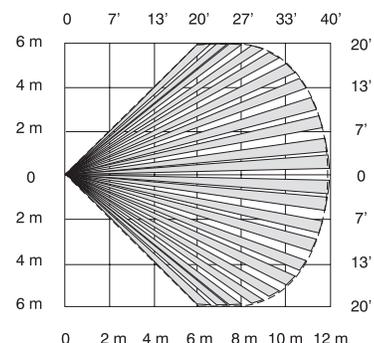
PASSIVE INFRARED MOTION SENSOR

SPECIFICATIONS

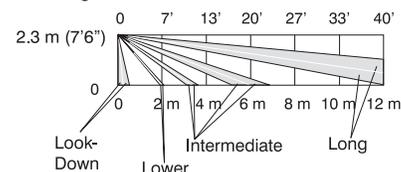
- **Detection Method:**
 - Dual element passive infrared
- **Coverage:**
 - 40' X 40' (12m x12m),
90° wide angle
- **Detection Zones:**
 - 44 long range, 14 intermediate,
8 lower, 4 look-down
- **PIR Sensitivity:**
 - DIP switch selectable -
Low (3-5 Steps PC2)
and High (1-3 Steps PC1)
- **LED Enable:**
 - Can be enabled/disabled by
Autowalk 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° F – 131° F (-10° C 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)
- **Dimensions:**
 - 3 3/8" H X 2 3/8" W x 1 1/2" D
(86mm x 60mm x 38mm)
- **Agency Listing:**
 - FCC
- IC
- EN50131-1 and TS 50131-2-2
Security Grade 2, Environmental
Class II
- Ctick
- CE
- UL639 listed
- cUL listed to ULCS306-03

DETECTION PATTERNS

TOP VIEW
Wide Angle Lens



SIDE VIEW
Wide Angle Lens



ORDERING

IS216	Passive Infrared Motion Sensor
IS216T	Passive Infrared Motion Sensor with Tamper

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)

For more information:

www.honeywell.com/security/hsc

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