Honeywell

IS215TCE / IS215TCE-MIC

PIR motion sensor



The IS215TCE is an entry level passive infrared motion sensor. It is fully featured with dual slope temperature compensation, shock algorithm and digital signal processing.
This sensor is designed to fully comply with EN50131-1 and TS50131-2-2 Grade 2, Class II.
Dip switch setting, a large wiring channel and mounting flexibility make the IS215TCE easy to install.
Compromising the IS215TCE is inhibited by the look-Down zones, tamper switch, sabotage-resistant lens design and the magnet-proof relay.

All these factors make the IS215TCE an ideal sensor for residential and light commercial applications.

IS215TCE-MIC

With its built-in microphone, the IS215TCE-MIC, Alarm verification will reduce significantly the alarm monitoring and intervention cost of the security installations.
Using the most proves motion sensors in security where already over a million is installed, Honeywell offers you a microphone on board where audible alarm verification can be perform over a simple pair of security cable.

Features:

- Meets EN 50131-1 and TS50131-2-2 Security Grade 2, Class II
- Environmental
- Advanced Dual slope temperature compensation
- Digital processing for improved catch and false alarm protection
- Shock algorithm to reduce false alarms
- Cannot be compromised by a magnet
- Dip switches for easy setting of parameters
- 10 min. walk test after start-up or trigger
- Improved RF immunity
- Large wiring channel on back to allow surface wiring
- Patented look-down mirror provides optimum detection directly beneath the sensor
- Wall-mount and corner mount knockouts provides mounting flexibility
- Sabotage-resistant lens design
- Selectable sensitivity
- Tamper switch: Is activated before access is possible
- White Light Immunity of minimum 6500 Lux reduces the chance of false activiation
- Bug guard prevents insects access to the sensor optics which reduces the chance of false activation
- Designed for residential and lightcommercial applications
- Silent relay allows for use in quiet environments

- **Built-in microphone (IS215TCE-MIC)** Adjusting level Microphone with potentiometer

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Specifications	
Detection method	Dual element passive infrared
Range	12 x 12 m
Detection zones	44 long range, 14 intermediate, 8 lower and 4 look-down
PIR sensitivity	Low (3-5 steps) and High (1-3 steps)
LED enable	By dipswitch
Mounting height	2.3 to 2.7 m
Power requirements	8.5 - 15.4 Vdc, 16 mA @ 12 Vdc
Alarm relay	Form A (NC) / 30 mA@24 Vdc, max. 40 Ohm protective resistor
Tamper switch	30 mA @ 24 Vdc
Operating temperature	-10°C to +55°C
Temperature compensation	Advanced dual slope
Relative humidity	5% - 95% non condensing
RF Immunity	30 V/m from 10 to 1000 MHz
White Light Immunity	Better than 6500 Lux
Microphone output	15 V peak-to-peak; 10 mA max (IS215TCE-MIC)
Dimensions	86 x 60 x 38 mm. (HxWxD)
Weight	67g.

Ordering:

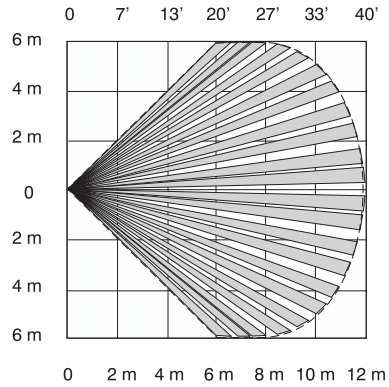
IS215TCE	Passive infrared motion sensor
IS215TCE-MIC	Passive infrared motion sensor with built-in microphone
Accessories:	
SMB10	White swivel mount bracket (5 pack)
SMB10C	White ceiling mount bracket (5 pack)
SMB10T	Tampered white swivel mount bracket (5 pack)

Agency Listings:

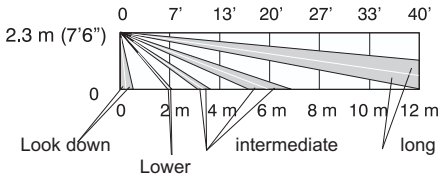
- EN50131-1 and TS 50131-2-2 Grade 2, Class II
- CE

Detection Patterns:

- **Top View**



- **Side View**



IS215TCE-MIC board



Honeywell reserves the right to alter the specification of products without prior notice

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