



IS215TCE

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.

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 activation
- Bug guard prevents insects access to the sensor optics which reduces the chance of false activation
- Designed for residential and light-commercial applications
- Silent relay allows for use in quiet environments

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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
Temp. compensation:	Advanced dual slope
Relative humidity:	5% - 95% non condensing
RF Immunity:	30 V/m from 10 to 1000 MHz.
WLI:	Better than 6500 Lux
Dimensions:	86 x 60 x 38 mm. (HxWxD)
Weight:	67 gram

Ordering:

IS215TCE	Passive infrared motion sensor
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Accessories:

SMB-10:	White swivel mount bracket (5 pack)
SMB-10C:	White ceiling mount bracket (5 pack)
SMB-10T:	Tampered white swivel mount bracket (5 pack)

Agency Listings:

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

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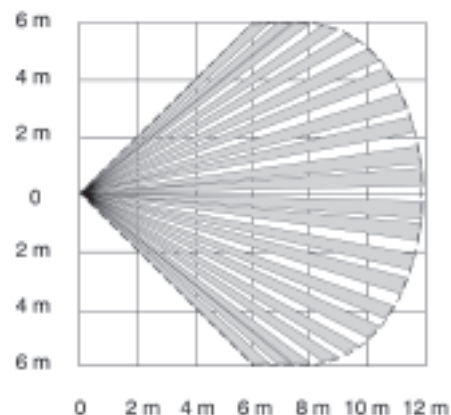
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Detection Patterns:

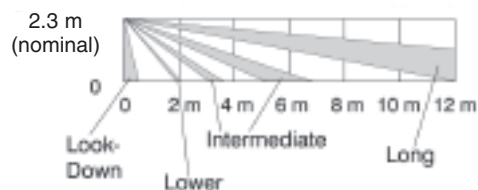
• Top View

Wide angle lens



• Side View

Wide angle lens



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

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