

IS215T

PIR motion sensor



The IS215T is an entry level passive infrared motion sensor.

Dip switch setting, a large wiring channel and mounting flexibility make the IS215T easy to install.

Compromising the IS215T is inhibited by the look-down zones, tamper switch, sabotage-resistant lens design and the magnet-proof relay.

All these factors make the IS215T an ideal sensor for residential and light commercial applications.

Features:

- Cannot be compromised by a magnet
- Dip switches for easy setting of parameters
- 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: activates before access to the circuitry 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) by dipswitch
LED enable	By dipswitch
Mounting height	2.3 to 2.7 m
Power requirements	10 - 14 Vdc, 7 mA @ 12 Vdc
Alarm relay	Form A (NC) / 90 mA@16 Vdc, max. 40 Ohm protective resistor
Tamper switch	500 mA @ 30 Vdc
Operating temperature	-10°C to +55°C
Relative humidity	5% - 95% non condensing
RF Immunity	30 V/m from 10 to 1000 MHz
White Light Immunity	Better than 6500 Lux
Dimensions	86 x 60 x 38 mm. (HxWxD)
Weight	67g.

Ordering:

IS215T	Passive infrared motion sensor
<i>Accessories:</i>	
SMB10	White swivel mount bracket (5 pack)
SMB10C	White ceiling mount bracket (5 pack)
SMB10T	Tampered white swivel mount bracket (5 pack)

Agency Listings:

- CE

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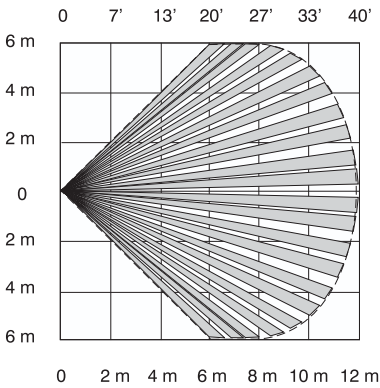
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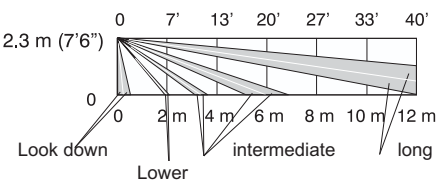
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Detection Patterns:

• Top View



• Side View



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