

IS2535T



Microcontroller Based PIR sensor

Honeywell's new IS2500 series consists of a complete range of easy-to-install motion sensors featuring reliable detection. You can choose from a few levels of pet immunity or choose the high security setting (including high security fresnel lens) if pet immunity is not needed. We further improved the catch performance and false alarm immunity to maximise reliability.

First of all it has a remote LED enable input so you can activate the LED with a simple command from the control

panel. Furthermore, it offers alarm memory which, in combination with the arm/disarm input offer the possibility to indicate an alarm after the system was disarmed. And last but not least: This sensor conforms to European standards EN 50131-1 and TS 50141-2-2 Grade 2 Environmental Class II. Sleek and attractive, all IS2500 sensors share the same family look.

Features:

- Range: 11 x 12m
- Global compliance: meets many of the world motion sensor standards including the European TS 50131-2-2 Grade 2, Class II
- Selectable Pet immunity: 0, 18 or 36 Kg.
- Easy installation: 45° terminal blocks, EOL terminals
- Automatic walktest
- Selectable sensitivity: 4 settings to adapt to the environment
- Flexible mountings: wall and corner mount breakout holes available. Or use the SMB10 bracket range (swivel, ceiling, tampered)
- False alarm immunity: designed to meet tough false alarm standards. A microprocessor helps to separate false alarms from real alarms
- Advanced Dual slope temperature compensation
- Large wiring channel on back to allow surface wiring
- Sabotage-resistant lens design
- Patented look-down mirror provides optimum detection directly beneath the sensor
- 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 to access the sensor optics which reduces the chance of false activation
- Silent relay allows it to be used in quiet environments

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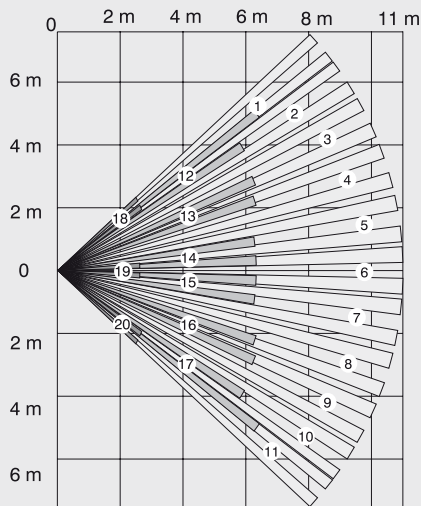
Specifications

Detection method	Dual element passive infrared
Range	passive 11m x 12m
PIR sensitivity	Lowest (3-5 steps), Low (2-4 steps), Medium (1-3 Steps and high (1-2 steps)
Mounting height	2.3m to 2.7m
Power requirements	8.5-15.4Vdc, 21mA @ 12Vdc
Alarm relay	Form C / 30 mA @24 Vdc, Max. 40 Ohm protective resistor
Tamper switch	30mA @24 Vdc
Operating temperature	-10° to + 55°C
Temperature compensation	Advanced dual scope
Relative humidity	5% - 95% non condensing
RF Immunity	30 V/m from 10 to 1000 MHz
WLI	More than 6500 Lux
Dimensions	112 x 60 x 40mm (H x W x D)
Weight	87gr
Includes	Mounting Hardware, Lens masking, look down mask

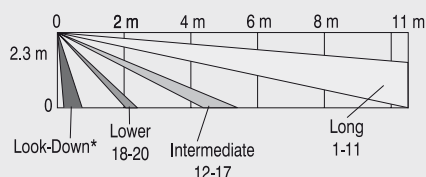
Honeywell reserves the right to alter the specification of products without prior notice

Detection patterns:

• Top View



• Side View



Ordering:

IS2535T

11m PIR motion sensor

Find out more:

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Agency Listings:

- EN50131-1 and TS50131-2-2 Grade 2, Class II
- CE

Accessories:



SMB10

White swivel mount bracket (5 pack)



SMB10C

White ceiling mount bracket (5 pack))



SMB10T

Tampered white swivel mount bracket (5 pack)

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