

IS2560TC

Fully Featured PIR Sensor A reliable PIR for home and office.

Honeywell's new IS2500 series consists of a complete range of easy-to-install motion sensors featuring reliable detection. We further improved the catch performance and false alarm immunity to maximise reliability. This fully featured IS2560TC offers a few features more compared to the IS2560T. 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:

- Ranges: 18 x 26 m (17 x 21 m in TS50131-2-2 and T014 installations)
- Global compliance: meets many of the world motion sensor standards including the European TS 50131-2-2 Grade 2, Class II
- Fully featured version: include remote LED enable and an alarm memory
- Easy installation: 45° terminal blocks, EOL terminals and an automatic walktest
- Selectable sensitivity: 4 settings to adapt to the environment
- Flexible mountings: wall and cornermount breakout holes available. Or use the SMB-10 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
- Patented look-down mirror provides optimum detection directly beneath the sensor
- Sabotage-resistant lens design
- 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

IS2560TC

Fully Featured PIR Sensor

Specifications:

Detection method:	Dual element passive infrared
Range:	18 x 26 m (TS50131-2-2 and T014 Range: 17 x 21 m)
PIR sensitivity:	Lowest (3-5 steps), Low (2-4 steps), Medium (1-3 steps) and High (1-2 steps)
Arm/Test inputs:	Selectable polarity
Mounting height:	2.3 m to 2.7 m
Power requirements:	8.5-15.4 Vdc, 21 mA @ 12 Vdc
Alarm relay:	Form C/ 30 mA@24 Vdc; Max. 40 Ohm protective resistor
Tamper switch:	30 mA@24 Vdc (cover wall)
Operating temperature:	-10° to +55°C
Temperature compensation:	Advanced dual slope
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 40 mm (HxWxD)
Weight:	87 gram
Includes:	Mounting Hardware Lens masking Look down mask

Ordering:

IS2560TC	18 m PIR motion sensor with remote LED enable and alarm memory
----------	--

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)

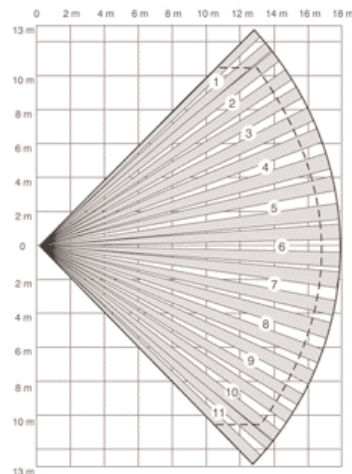
Agency Listings:

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

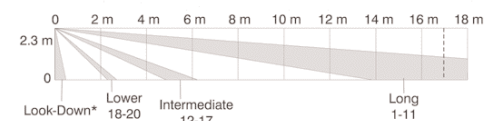
Detection Patterns:

IS2560TC

• Top View



• Side View



Dashed line = TS50131-2-2- and T014 detection pattern

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

Honeywell Security & Custom Electronics

Newhouse Industrial Estate
Motherwell
Lanarkshire
ML1 5SB
Tel: +44 1698 73 8200
Fax: +44 1698 73 8300
www.honeywell.com/security/uk

Honeywell Security

Network 121
1446 WV Purmerend
The Netherlands
Tel +31 299-410200
Fax +31 299-410201
www.honeywell.com/security/nl

HSCE-IS2560TC-01-EN(11/05)DS-A
November 2005
© 2005 Honeywell International Inc.

Honeywell