

# IS2535T

## Microcontroller Based PIR Pet Immune 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. The design of the entire IS2500 series is sleek and attractive, all sensors share the same family look.

To suit your application, a selection can be made from different levels of pet immunity or for the high security setting using the high security fresnel lens.

The IS2535T sensor has an improved detection performance and false alarm immunity to maximise reliability.

And last but not least: This sensor conforms to European standards EN 50131-1 and TS 50131-2-2 Grade 2, Environmental Class II.



### Features:

- Range: 11 x 12 m
- 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 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
- 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 ray allows it to be used in quiet environments

# IS2535T

## Microcontroller Based PIR Pet Immune Sensor

### Specifications:

<b>Detection method:</b>	Dual element passive infrared
<b>Range:</b>	11 x 12 m
<b>PIR sensitivity:</b>	Lowest (3-5 steps), Low (2-4 steps), Medium (1-3 Steps) and High (1-2 steps)
<b>Pet immunity:</b>	0, 18 or 36 Kg
<b>Mounting height:</b>	2.3 m to 2.7 m
<b>Power requirements:</b>	8.5 - 15.4 Vdc, 17 mA @ 12 Vdc
<b>Alarm relay:</b>	Form A / 30 mA@24 Vdc; Max. 40 Ohm protective resistor
<b>Cover tamper switch:</b>	30 mA@24 Vdc
<b>Operating temperature:</b>	-10° to +55°C
<b>Temperature compensation:</b>	Advanced dual slope
<b>Relative humidity:</b>	5% - 95% non condensing
<b>RF Immunity:</b>	30 V/m from 10 to 1000 MHz
<b>WLI:</b>	More than 6500 Lux
<b>Dimensions:</b>	112 x 60 x 40 mm (HxWxD)
<b>Weight:</b>	87 gram
<b>Includes:</b>	Mounting hardware Lens masking Look down mask High security / Pet immune lenses

### Ordering:

IS2535T 11 m PIR motion sensor with Pet Immunity

### 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

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

### Honeywell Security & Custom Electronics

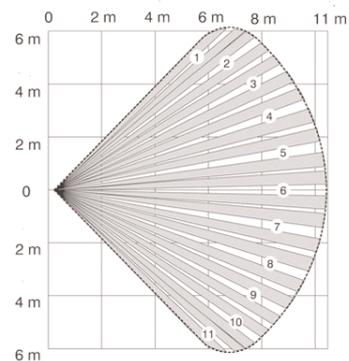
Newhouse Industrial Estate  
Motherwell  
Lanarkshire  
ML1 5SB  
Tel: +44 1698 73 8200  
Fax: +44 1698 73 8300  
www.honeywell.com/security/uk

HSCE-IS2535T-01-EN(11/05)DS-A  
November 2005  
© 2005 Honeywell International Inc.

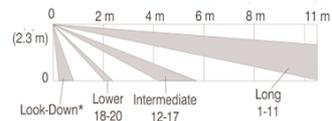
### Detection Patterns:

IS2535T

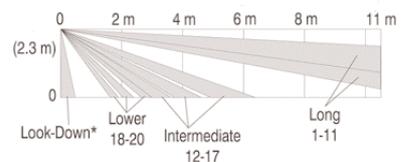
#### • Top View



#### • Side View High security lens



#### • Side View Pet immune lens



# Honeywell