

DT7360-UK

CEILING MOUNT DUAL TEC® Motion Sensor



Microcontroller-based, ceiling mount DUAL TEC Motion Sensor. All the advantages of DUAL TEC motion sensor accuracy and reliability in a desirable ceiling mount design.

Features:

- **Microwave Advanced Processing (MAP)**

Incoming microwave and PIR signals are constantly monitored and individually qualified for intrusion characteristics. The timing and sequence of each of these signals must be qualified by MAP settings to specific environments, allowing for optimum catch performance and false alarm immunity.

- **Microwave/PIR Technology**

The use of dual technology provides the best detection available while virtually eliminating false alarms and costly service calls.

- **Built-in Diagnostics and Supervision**

Allows trouble conditions to be quickly identified, diagnosed and corrected.

- **Ceiling Mount Design**

360° field-of-view, mounting height from 2.4m to 4.9m, install as recessed or surface mount.

- **Microcontroller-initiated Self-tests**

Microcontroller automatically initiates self-tests at power-up, trouble conditions and programmed intervals.

- **Trouble Output**

After a trouble is confirmed with a self-test, the trouble output can be used to annunciate the trouble condition.

- **Full Supervision Microwave/PIR**

– Patented INFORMER® circuit constantly monitors microwave and PIR against blockage and misapplication.
– Independent circuit supervises both microwave and PIR against failure; at a loss of signal, microcontroller initiates self-test and unit switches automatically to single technology operation.

- **Mounting**

Surface or flush mount on ceilings (flush mount kit included); maximum standard range obtained at 3.4m. PIR mirror assembly included for installation on 3.7m to 4.9m ceilings.

DT7360-UK

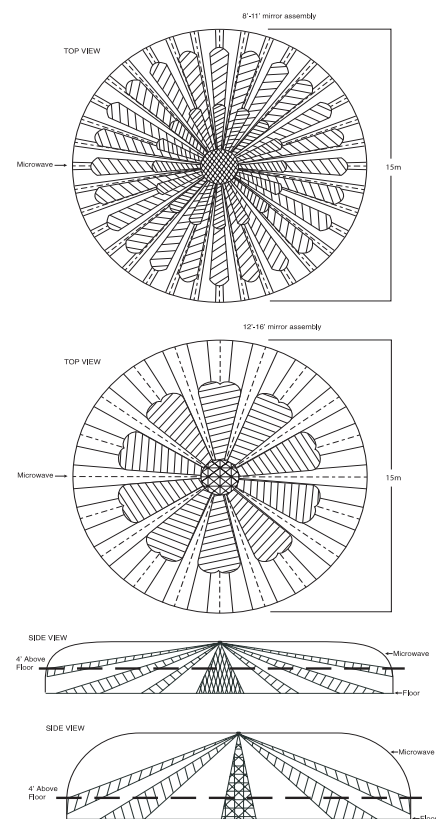
CEILING MOUNT DUAL TEC® Motion Sensor

Specifications:

Range	15m diameter, 7.6m radius
Detection zones	- With 2.4/3.4m mirror : 360°, 36 long range, 24 intermediate, 16 lower, 1 down - With 3.7/4.9m mirror : 360°, 40 long range, 20 intermediate, 1 down
PIR sensitivity	2 – 4 Steps within field of view
Frequency	24.200GHz (K-Band)
Mounting height	2.4/3.4m or 3.5/4.8m depending on mirror installed
Power requirements	10 – 14.5VDC, 40 mA typical
Alarm relay	Form A (NC) / 125mA@25 VDC, max. 22 Ohm, protective resistor
Ceiling and cover tamper switches	Form A (N.C.) switch rated 25 mA, 30 VDC
Operating temperature	-18°C to +65°C
Temp. compensation	Advanced dual slope
Relative humidity	5% - 95% non condensing
RF Immunity	30 V/m from 10MHz to 1000 MHz
PIR White Light Immunity	900 Lux (typical at 3m)
Dimensions	127 mm x 127 mm x 58 mm (h x w x d)
Weight	340 g.
Approvals	PD6662:2010, EN50131-1-4 Grade 2

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

Detection Patterns:



Ordering:

DT7360-UK

Ceiling mount DUAL TEC® motion sensor

Honeywell Security Group

Newhouse Industrial Estate

Motherwell

Lanarkshire

ML1 5SB

United Kingdom

Tel: +44 (0) 1698 738200

www.honeywell.com

HSC-DT7360-UK-01-UK(0714)DS-Z

July 2014

© 2014 Honeywell International Inc.

Honeywell