

# DT8M / DTPI8M

## Wireless DUALTEC® Motion Sensor



False alarms can occur in any commercial or residential environment, this can be caused by a number of factors including white light or pets, leading to additional operational costs and administrative disruptions.

The NEW DT(PI)8M Wireless DUAL TEC® motion sensor helps to resolve the problem of false alarms with its high security lens pre-mounted to (15m x 18m). This sensor achieves reliable protection with superior false alarm immunity by verifying the PIR signal with the microwave signal prior to any alarm decision. This also provides quicker detection that allows for a faster reaction to the alarm.

By combining infrared technology with the power of K-Band microwave technology the DT(PI)8M offers optimum detection performance, therefore reducing false alarms and the number of service calls, leading to both cost and time savings for the end user and the installer. This is an ideal solution for commercial sites such as offices and retail sites. It also provides a higher security solution for residential environments.

The product is also available in a ready-to-install, pre-configured pet immune version: DTPI8M, to suit

residential sites where pets are present. The DTPI8M with its selectable pet immunity up to 45kg, will prevent an alarm being triggered by pet movement. This provides peace of mind for the end user and it allows installers to bring a higher level of service to their customers.

Thanks to its fast and accurate detection, Honeywell's wireless DT8M motion sensor is one versatile solution that fits both commercial and residential applications where false alarm prevention can lead to lower intervention costs due to superior technology and sensor performance.

Now you can expand your business opportunities as the DT(PI)8M wireless technology is now part of a powerful commercial solution, offering both time and cost savings. It is also suitable for a wide range of installations, including residential environments, where security and practicality are real assets for the end-user.

**For more information on why Honeywell's wireless solutions are the right choice for you, please visit: [www.honeywell.com/security/uk/wireless](http://www.honeywell.com/security/uk/wireless)**

## Features:

- **Superior detection through wireless K-band technology:** Compared to other dual sensors which do not use K-band frequency, the DT(PI)8M significantly reduces service calls as the K-band signal does not penetrate walls and windows and detect movement which may cause a false alarm to occur. It also has no backlobe or crosstalk which may also trigger a false alarm. K-band also gives the best detection by acting quickly and overlapping the Passive Infrared (PIR) detection pattern more effectively.
- **Reliable detection with pet tolerance up to 45kg:** By combining uniform sensitivity optics with the advantages offered by K-Band technology, the pet immune DTPI8M(1) sensor gives installers the best quality of detection and the ability to ignore pets' movement. This version is particularly suited to residential installations.
- **Reliability and practicality:** With patented 'Agile Routing' technology, the system works with RF portals to reinforce the reliability of the security system. The sensor will automatically find the strongest bi-directional signal path and continue to send signals until it gets an acknowledgment, therefore minimising false alarms.
- **Easy to install:** The SMB10T mounting bracket is also available to use, providing tamper protection.
- **Compatible with commercial and residential Honeywell panels:** Thanks to the dual protocols ALPHA and V2GY, the wireless DUAL TEC® motion sensor is compatible with the NEW Galaxy Dimension, the updated G2, Domonial and Vista panels.

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Specifications		
Detection	Range	15m x 18m (with wide angle lens installed) 11m x 12m (with pet immune lens supplied)
	Detection zones	Wide Angle Lens / Pet Immune Lens
	Pet immunity <sup>(1)</sup>	Up to 45kg
	PIR sensitivity	4 programmable levels Low (3-5 steps) and High (2-4 steps)
	Microwave frequency	24.2GHz
	PIR White Light Immunity	6,500 Lux typical
	Fluorescent Light Filter	50 Hz
Power	Battery (Typical)	Four 1.5V AA Lithium Batteries (supplied)
	Battery life	V2GY mode : 3.5 years ALPHA mode : 5 years
Radio	RF frequency	868 MHz
	RF Type	Narrow Band, FM
	RF Range, Unobstructed	2000m
Compatibility	Galaxy	G2 <sup>(3)</sup> and Galaxy Dimension <sup>(4)</sup> with C079-2 wireless receiver
	Domonial	Domonial <sup>(5)</sup>
	Vista	Vista with 5882EUHS wireless receiver
Timings	Supervision time	V2GY mode : each 9 minutes ALPHA mode : each 18 minutes
Mechanics	Tamper	Case opening, Wall and Corner mounting
	Dimensions (h x w x d)	125mm x 75mm x 52mm
	Weight without batteries	240g
	Operating temperature	-10°C to 40°C
	Storage temperature	-20°C to 55°C
	Relative humidity	No condensation - 0 to 95%
Approvals	CE, PD6662, EN 50131-1 and EN 50131-2-4, Security Grade 2, Environmental Class III <sup>(2)</sup>	

### NOTES:

- (1) Valid for DTPI8M version
- (2) For EN 50131-2-4 compliant installations: set pulse count to 1, set sensitivity to High, and install cover screw.  
Mount the sensor at 2.3m with Wide Angle Lens [P/N 5-532-439-00] or Animal Immune Lens [P/N 5-532-489-00].
- (3) Valid for G2 panel firmware from version V1.5 onwards.
- (4) Valid for Galaxy Dimension panel firmware from version V6.5 onwards.
- (5) Valid for Domonial panel firmware from version Ixx onwards.

### Ordering references:

<b>DT8M</b>	Wireless Dual Technology motion sensor (Separate pet immune lens included)
<b>DTPI8M</b>	Wireless Dual Technology motion sensor, ready for pet immune use (factory mounted pet immune lens)

### Accessories:

<b>SMB10</b>	White swivel mount bracket (5 pack)
<b>SMB10C</b>	White ceiling mount bracket (5 pack)
<b>SMB10T</b>	Tampered white swivel mount bracket (5 pack)

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

### Find out more:

www.honeywell.com/security/uk  
 Fax: +44 (0) 1698 738300  
 email: HSUK64SalesTeam@Honeywell.com

### Honeywell Security Group

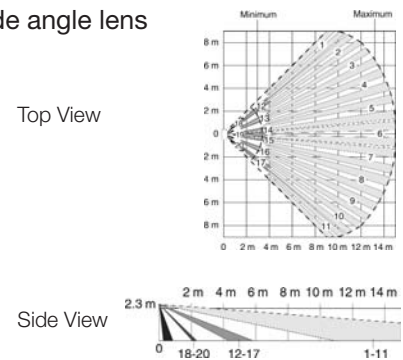
Newhouse Industrial Estate  
 Motherwell  
 Lanarkshire  
 ML1 5SB  
 Scotland  
 Tel:+44 (0) 1698 738200

Ampèrestraat 41  
 1446 TR Purmerend  
 Nederland  
 Tel: +31 (0) 299-410200  
 www.honeywell.com

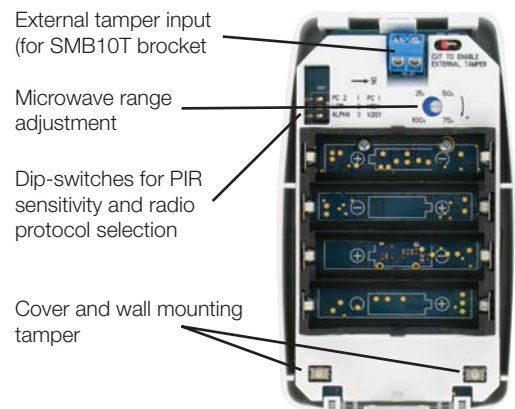
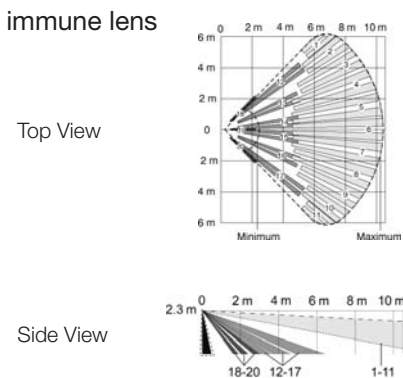
HSC-DT8M-01-EN(0110)DS-E  
 January 2010  
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### Detection Patterns:

#### Wide angle lens



#### Pet immune lens



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