Honeywell | Intruder Detection Systems

DT8M

Wireless DUAL TEC® Motion Sensor with Pet Immunity Option

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 DT8M 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 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 also comes with a pet immune lens which can be fitted to suit residential sites where pets are present.

The pet immune lens provides selectable pet immunity up to 45kg and 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 DT8M 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

FEATURES

- Superior detection through wireless K-band technology: Compared to other dual sensors which do not use K-band frequency, the DT8M 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 overlaping 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 lens gives installers the best quality of detection and the ability to ignore pets' movement in 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 Galaxy Dimension, the Galaxy Flex, Domonial and Le Sucre™ panels.

DT8M Wireless DUAL TEC® Motion Sensor with Pet Immunity Option

SPECIFICATIONS

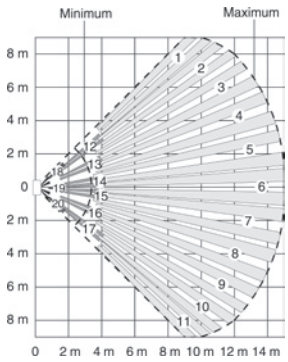
Detection	Range	15m x 18m (with wide angle lens installed) 11m x 12m (with pet immune lens supplied)
	Detection zones	Wide Angle Lens / Pet Immune Lens
	Pet immunity(1)	Up to 45kg
	PIR sensitivity	4 programmable levels Low (3-5 steps) and High (2-4 steps)
	Microwave frequency	24.2GHz
	PIR White Light 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	Galaxy Flex and Galaxy Dimension(3) with C079-2 wireless receiver
	Domonial	Domonial(4)
	Le Sucre™	All versions
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 II(2)	

NOTES:
(1) Valid for DT8M with pet immune lens installed
(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 Galaxy Dimension panel firmware from version V6.5 onwards.
(4) Valid for Domonial panel firmware from version Ixx onwards.

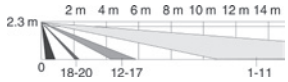
DETECTION PATTERNS

Wide angle lens

Top View

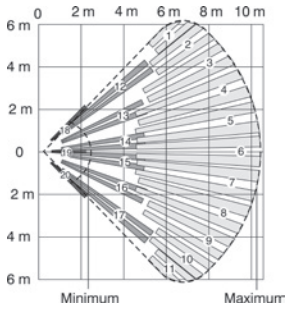


Side View

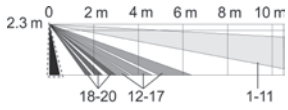


Pet immune lens

Top View

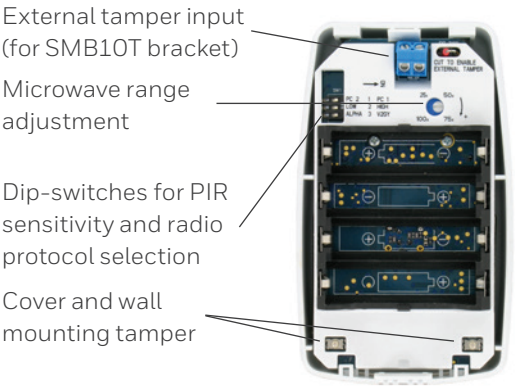


Side View



ORDERING REFERENCES

DT8M	Wireless Dual Technology motion sensor (Separate pet immune lens included)
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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Honeywell reserves the right to alter the specification of products without notice

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