

IR8M, IRPI8M

Wireless passive infrared motion sensor

The IR8M/IRPI8M is the universal wireless infrared sensor for installation with the Honeywell intrusion panels range.

Features of the IR8M include compliance to TS EN50131-2-2 Grade 2, Class II, providing exceptional detection capabilities and are ideally suiting for use in both residential and commercial applications.

The IRPI8M features selectable pet immunity, providing incredible convenience. Choose from the highsecurity non-pet setting, the intermediate 18 kg. setting or the robust 36 kg. setting-all in one sleek, easy-to install unit.

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



KEY FEATURES

- The IR8M/IRPI8M has four levels of sensitivity. These sensitivity settings enable the product to be adapted for a wide range of installations
- Compatible with Domonial, Le Sucre™, Galaxy and Vista radio modules, the IR8M/IRPI8M reduces the number of PIRs you need to have in stock.
- Walk-Test Mode. This test is mandatory to ensure proper detection, and the Honeywell technology makes this really simple and quick to use
- The two different lenses supplied with the IRPI8M (Pet immune and high security) combined with four levels of sensitivity which can be adjusted by a switch, make it perfect for a wide range of installations.
- Compliant with EN50131-1 Grade 2, Class II and NF&A2P two shields
- Patented look-down mirror provides optimum detection directly beneath the sensor
- The IR8M/IRPI8M sensor mounts virtually anywhere – on walls, in corners or on ceilings
- Pet Immunity with adjustable sensitivity depending on the sensitivity required for each installation
- High performance wireless narrow band, FM radio frequency 868-870 MHz band with anti-jamming
- Advanced Dual slope temperature compensation

IR8M, IRPI8M Technical Specifications

PIR	
Detection range	11 x 12 m (at 2,30m mounting height) Look-down pattern for Hi-Security applications
Pet immunity (IRPI8M only)	Switch selectable pet immunity 0, 18 or 36 Kg
Sensitivity & Pulse count	Switch selectable – Lowest, Low, Medium, High
Lenses	Pet Immune lens (IRPI8M only) Optional Hi-Security lens (provided)
White light immunity	>6500 lux
POWER	
Battery	1 x CR123
Battery life	> 4, 5 years (> 3 years on Galaxy or Vista radio modules)
COMPATABILITY	
Domonial Le Sucre™ Galaxy Vista	All 868MHz versions All versions with Galaxy Radio module: RF-Portal (C079-2) With Radio module : 5882EUHS
TIMINGS	
Walk-test	Started at tamper opening and closure 10mn duration
Rearming	1min 30s to 3min
Supervised	Yes
MECHANICS	
Tamper	Front and back cover
Dimensions (mm)	112 x 60 x 40
Operating temperature	- 10°C to + 55°C
Storage temperature	-20°C to 70°C
Relative humidity	5% to 95%, non-condensing
Weight without batteries	84g
RADIO	
Dual-protocols: V2 GY and Alpha 868 MHz , FM narrow band 2000m range in open field	
APPROVALS	
EN50131-1 and TS50131-2-2 Security Grade 2, Environmental Class II (with high-security lens mounted), NF&A2P two shields (N°:2620002750B1 for IR8M, N° 2620002740B1 for IRPI8M)	

For more information

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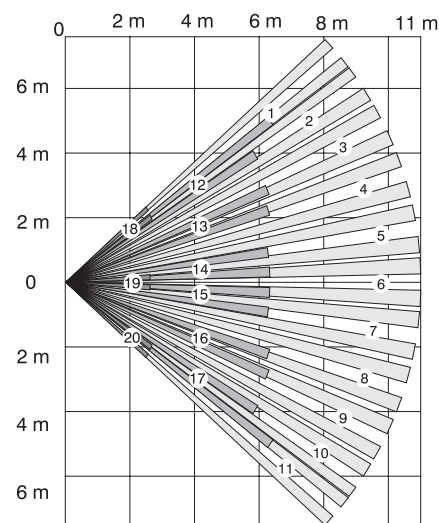
Honeywell reserves the right to alter the specification of products without notice.

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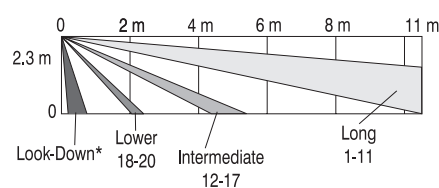
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Detection patterns:

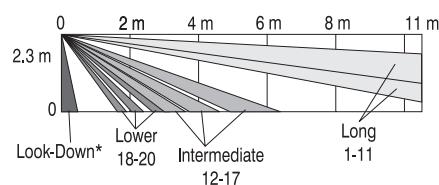
Above view



Side view (IRPI8M)



Side view (IR8M)



* Note: Enabling the look-down beams is not recommended in pet immune applications

ORDER CODES

IR8M	Wireless Pet immune PIR
IRPI8M	Wireless Pet immune PIR with pet immunity up to 36kg

Accessories

SMB10	Universal White Swivel Mount Bracket (5 pack)
SMB10C	Universal White Ceiling Mount Bracket (5 pack)

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