

Dual-tech sensor

BP-PIRMW01



Features

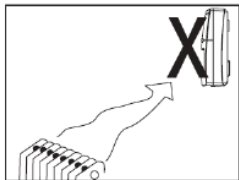
- Detection distance: 12m / 25°C
- Power supply voltage: DC9-16V
- Working current: $\leq 45\text{mA}$
- Maximum coverage area: 12m x 12m / 90°
- Alarm output: Reed switch, normally closed
- Less than 100mA / 30V, -10Ω internal impedance
- Wall or corner installation, the installation height is 1.8 ~ 2.4m above the ground

Technical specification:

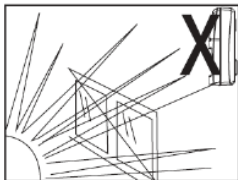
Specifications	
Model	BP-PIRMW01
Detection distance	12m / 25°C
Power supply voltage	DC9-16V
Working current	≤45mA
Infrared area	89
Maximum coverage area	12m x 12m / 90°
Alarm and Tamper	
Alarm output	Reed switch, normally closed Less than 100mA / 30V, -10Ω internal impedance
Tamper-proof interface	Normally closed, 50mA / 30VDC
Alarm output duration	2s
Alarm indication	
Yellow light	Microwave triggered alarm
Green light	Infrared triggered alarm
Red light	Alarm indication
Power-on self-test time	In 60 seconds, three indicators flash one by one during the self-test
Fault Prompt	
Preheating failure	Yellow light flashes 4 times within 5s
PIR signal failure	Green light flashes 3 times within 5s
MW signal failure	Yellow light flashes twice quickly within 5s
Working environment	
Indoor temperature	-10°C ~ +55°C
Anti-white light interference (indoor)	≥6500LUX
Anti-radiation interference	30V / m, 10MHz - 1000MHz
Appearance size (L*W*H without bracket)	124*71*41.5mm

Installation:

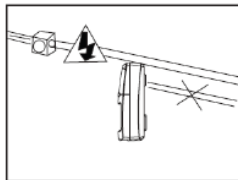
3.1 Installation notes



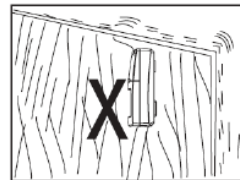
Don not face cool or heat source directly



Don not face the sunshine directly



Wire connection or detector should be away from High-voltage cable

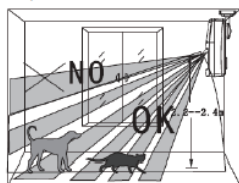


Don not install on unstable object

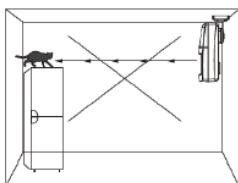


Don not install facing the metal wall

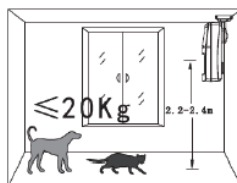
3.2 Pet-immunity manual



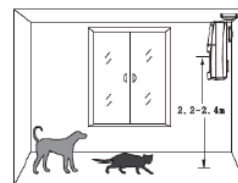
The top part of detection area is non pet-immunity area



Never face the detector to the place that pets can climb up directly



The immunity: $\leq 20\text{kg}$ pets



The pet immunity installation height: 2.2 - 2.4m