

MS-801 wireless PIR Motion Detector

Product summary

A motion sensor (passive-infrared or PIR) detects movement within a specific area by sensing the infrared energy emitted from a body as it moves across the sensor's field of view. When this motion is detected, the sensor transmits an alarm signal to the control panel.

Use these motion sensors to protect locations where door/window sensors are impractical or not needed. For example, use a motion sensor to protect large areas or open floor plans. Motion sensors also provide backup protection for door/window sensors.

MS-801 series wide angle PIR motion detector integrated RF circuit, utilized unique customs & high durability fresnel lens, the combination of dual element passive infrared technology and microprocessor intelligent processing provides precious body detection and outstanding Pet immunity function.

The PIR motion detector utilizes ultra-low power consumption design to make long battery lifetime, also integrated with RF immunity, temperature protection and noise reduction so on technologies against false alarm technology, has high endurance with local temperature changing caused by curtain or sun light etc.

Feature:

- Attractive Sleek Design with stylish white housing.
- Comprehensive detection technology combined passive infrared and microprocessor intelligent processing to eliminate the change of false alarm.
- Intelligent temperature compensation circuit, reliability operation at high temperature.
- Low power consumption design, longer battery life.
- Optional for pulse accounting process (2/4), more application.
- Downward view (look-down) detection to eliminate dead detection area beneath the sensor.
- Built with tamper proof and self-test supervision function.
- Prevents insect access into housing, reducing the chance of false activation.

Appearances:



Technical Data:

Power Supply	3.6V (ER14505 2700mAh)
Battery Life Expectancy	4 years (for typical use)
Detection Method	Passive Infrared
Detection Area	12m x 12m
Operating Temperature	-10°C - +50°C
RF Interference	No Alarm at 10V/m
White light immunity	≥6500Lux
Detectable Walk Rate	0.3 -3.0 meter/sec (1~10 ft./sec)
Pet immunity	up to 40 kgs (66 lbs)
Dimensions	96.0x65.0x40.0mm
Compliance with Standards	Meet EN50131-2-2, UL639
Code Output	Alarm, Alarm Restore, Tamper, Tamper Restore, Supervisory, Low battery

Radio Frequency:

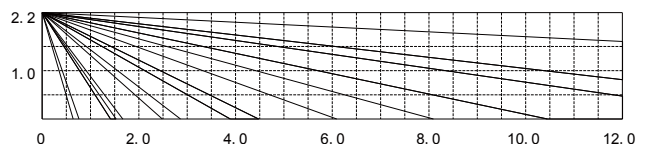
ZM-801-H, 345 MHz compatible with Honeywell & 2GIG wireless panel
ZM-801-2, 345 MHz compatible with 2GIG wireless panel
ZM-801-D, 433.92 MHz compatible with DSC wireless panel (except NEO)
ZM-801-G, 319.508 MHz compatible with GE Interlogix wireless panel

Range:

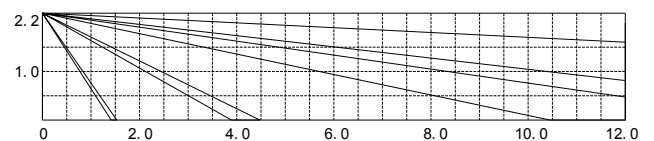
up to 30 meters indoors, depending on building materials used and the building structure

Detection area:

Standard area (unit: m)



Anti-pet area (unit: m)



Top view (unit: m)

