



# Motion Detector

M800PIR

*Passive Infrared (PIR) Detector*

## Product

*Cutting edge technology and easy installation, this PIR motion detector is perfect in any home, it features:*

- Sealed optics - immune to light, insects - reducing false alarms
- Based on advanced proprietary technology
- Multi-zone spherical lens for exceptional detection coverage (120° horizontal, 105° vertical)
- Requires 2 AA alkaline batteries
- Red LED walk-through test mode (10 min.)
- Pet immune lens

## Lifestyle

*The We.R family creates a better home & family lifestyle experience:*

- User-friendly
- Utilizes top-level technology
- Fully RF wireless communication and battery operated
- Easy to install
- Comfortable state-of-the-art design

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation

**WARNING!** To comply with FCC RF exposure compliance requirements, the device should be located at a distance of at least 20 cm from all persons during normal operation. The antennas used for this product must not be co-located or operated in conjunction with any other antenna or transmitter.

## Certifications and approvals:



## Specifications

### COMMUNICATION:

- Up to 500m RF range (open air)
- ECOP bi-directional radio protocol
- Modulation and Frequency: DSSS, 2.4 GHz

### WIRELESS SECURITY:

- 4G DragonFlyEye™ technology
- Tamper Alarm – when the unit is tilted
- Data Security: 128bit AES encryption
- Unique electronic serial number
- Supports automatic over-the-air software upgrade programming and configuration
- Temperature compensation for the IR

### POWER SUPPLY:

- Long operation period (up to 60 months)
- 2 AA alkaline batteries

### SIZE & WEIGHT:

- Size: H-50mm / L-114mm / W-60mm
- Weight: 90 grams + 30 grams (batteries)

### ENVIRONMENT:

- Storage Ambient Temperature range:  
with alkaline batteries: -20°C - 50°C  
with lithium batteries: -20°C - 60°C
- Operating Ambient Temperature range:  
with alkaline batteries: 0°C - 50°C  
with lithium battery: -5°C - 60°C
- Humidity: Up to 95% non-condensing

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Essence Home & Family Ltd.) could void the user's authority to operate the equipment.

For more information, go to: [www.essence-grp.com/pages/WeR/Home](http://www.essence-grp.com/pages/WeR/Home)

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