# ADDM⊚RE

Wireless Curtain PIR Motion Sensor

Model: P800

1. INTRODUCTION

The Sensor works by detecting the human body's infrared spectrum. The Sensor has a 'narrow beam curtain' across a protected area. When the Sensor detects movements, a signal is sent to the Control Panel to trigger the Alarm System. The Sensor can be installed in areas such as; a door or window, a balcony or a corridor.

2. GET TO KNOW YOUR PRODUCT

1. Detection Lens
2. LED Indicator
3. Test Button
4. Bracket
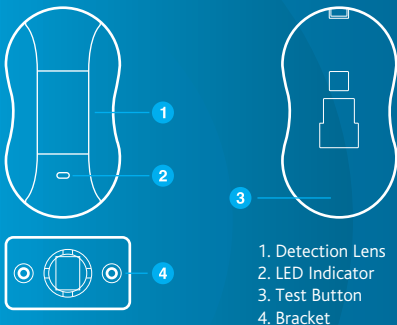
3. FEATURES

Accurate Detection
Detection coverage: 5m / 5°
Effectively identifies body heat when movement is detected

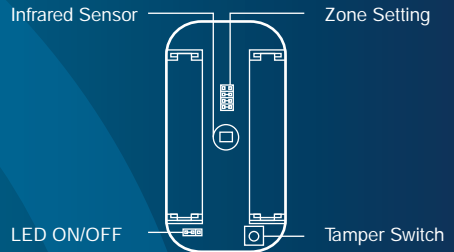**Compact Design**
Small in size, easy to install

Flexible Installation
Ceiling or wall mountable

Energy Saving
Energy-saving mode enables 1 year plus battery life

4. PCB LAYOUT

Infrared Sensor — Zone Setting
LED ON/OFF — Tamper Switch

Infrared Sensor: Detects the human body's infrared spectrum. Don't touch the surface by hand and keep it clean.

Tamper Switch: If the case is opened in working state, the tamper switch will send a signal to trigger the alarm system.

5. LED INDICATION

The LED indicator can be turned on or off by setting jumpers. See 'PCB Layout' above.

Flash Continuously: Under self-testing state
Flash Once: Intruder is detected
Flash Twice: Testing mode is finished, enters power-saving
Flash Once Every 3 Seconds: Low battery indication, please change batteries.

6. USAGE

Remove the battery activation strip to activate the batteries. It will enter working state after one minute of self testing.

Customer Helpline:
0345 257 2500

ERA

7. MODE SETTING

Testing Mode:

Press the Test Button, the Sensor enters testing mode and detects once every 10 seconds. After 3 minutes, the LED flashes twice, the Sensor enters the power saving mode.

Power-Saving Mode:

In working state, if the Sensor is triggered twice within 3 minutes, it will enter sleeping mode to save power. After no movement within the next 3 minutes, the Sensor goes back to working state.

8. INSTALLATION & NOTICE

Wall Mounting:

Fix the bracket vertically on the wall and fit the Sensor in the bracket. It is suggested to mount it at the height of 2m from the ground. An ideal position to mount the Sensor is near to entry and exit routes where an intruder could possibly break in.
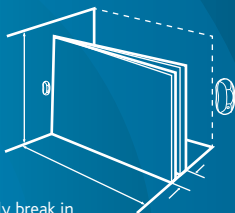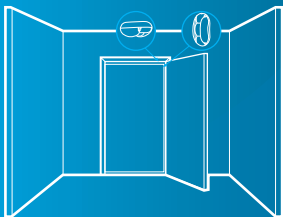
Ceiling Mounting:

Fix the bracket on the ceiling above the door or window and fit the Sensor in the bracket.
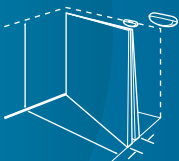
Mounting on Door:

Note: *Adjust the angle of the PIR Sensor to cover the required detection area.*

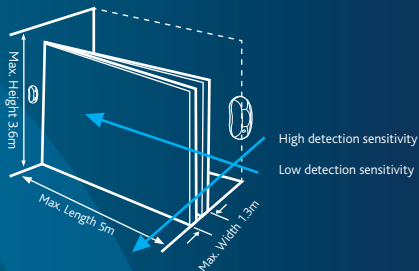Avoid mounting the Sensor close to an air conditioner, electronic fan, refridgerator, oven, heater and objects which cause fast temperature changes (avoiding mounting in direct sunlight). Avoid blocking the lens keeping the detection area clear.

9. ZONE SETTING

Please refer to your Alarm System manual for information on how to set each Zone using the Jumper Links on the PIRs PCB.

9. WALK TEST

After installation, power on the Sensor. After self-testing for 1 minute, press the Test Button, walk in the scope by crossing the infrared spectrum (see diagram below), and watch the LED indicator to make sure it is working. The LED indicator will flash once when body movement is detected.

Max. Height 3.6m

Max. Length 5m

Max. Width 1.3m

High detection sensitivity

Low detection sensitivity

10.CONNECT WITH CONTROL PANEL

When the Control Panel is in Learn Mode, press the Test Button twice to send a wireless signal. One beep is heard after the Control Panel receives a signal, which means the connection was successful.

Arm the system, trigger the Sensor again. The Control Panel will alarm immediately. This indicates the Sensor has successfully been connected with the Control Panel.

SPECIFICATIONS

Power Supply	DC 3V (AAA LR03 1.5V Battery x2pcs)
Static Current	<21uA
Alarm Current	<22uA
Detection Distance	5m
Curtain Detection Angle	15°
Transmitting Distance	< 80m (in open area)
Radio Frequency	433.92MHz (± 75KHz)
Housing Material	ABS Plastic
Operation Condition	Temperature: 0°C ~ +55°C Relative Humidity: < 80% non-condensing)
Detector Dimensions (L x W x H)	48 x 33 x 88mm
Mounting Plate Dimensions (L x W x H)	52 x 30 x 11.6mm