ANSEE

HW-915
Wireless IR Motion Detector

This is a high stability wireless infrared detector with advanced signal analysis and processing technology. It has very high performance on detection and anti false alarm. When an intruder goes into the detecting area, the detector will automatically detect the human activities, and send wireless signal to alarm host. This detector is widely used in villa, factory building, market, warehouse, office building and other places where need safety precautions.
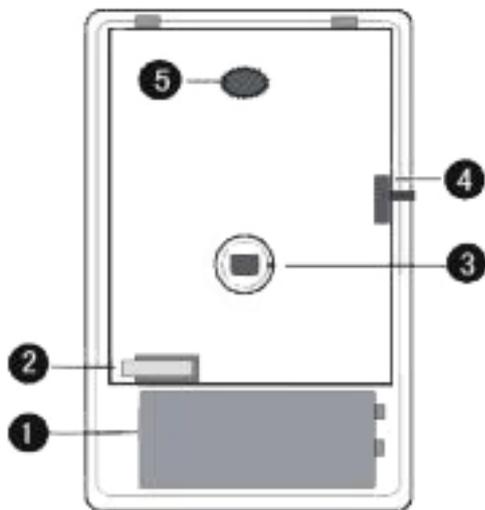
Features

- Wireless communication with Alarm Host

- Intelligent environment analysis to avoid fault report

- Rolling code for anti-crack

- Auto Temperature Compensation

- Anti High-frequency interference

- Super low power consumption

Specifications

Model Name	HW-915(Infrared Detector)
Working Voltage	9V 6F22 battery
Alarm Current	≤ 30mA
Standby Current	≤ 25uA
RF Distance	≥ 30M (open area)
Mounting Type	Wall Mounting
Install Height	2.2M
Detection Angle	110° (15° for curtain type)
Detection Range	8~12m(25℃)
Radio Frequency	915MHz/FSK
Measurement	107*58*42 mm

Direction for Use

1. PCB Board Layout
   - ① Battery.
   - ② Tamper Switch
   - ③ Sensor
   - ④ Power Switch
   - ⑤ Working indicator

2. Working Indicator.
   - ① LED Flashes fast: Detector is under self−checking status
   - ② LED Flashes once: Alarm Detection
   - ③ LED Flashes twice: Self−checking completed and goes into work status

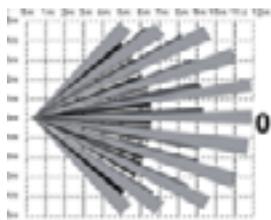3. Flow of work:
   Power on==> 30s self−checking==>Work Status

4. Product Test :
Push the power switch to "ON" position. The detector will send out radio wave signal for 2 seconds, and the LED will flash fast which means the detector goes into self−checking status (for 30seconds). After that, the detector goes into test status. Please move back and forth in the detection area. If the LED is normal on, it means the detector has detected human motion and trigged alarm, also sent wireless alarm signal to alarm host at the same time.
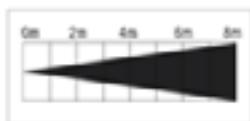
Installation Method

1. Chose an appropriate location. (Recommended height:2.2M)
2. Avoid to install the detector in the following place: outdoor, near Air conditioner or heat source, unreachable for pet, sun−irradiation area.
3. The detector should be installed in places where illegal invasion is most likely to happen.
4. No blind part exists in the protection.
5. Please keep detector away from hot air or cold air exit.
6. Fix the detector bracket on the wall with screws, then buckle the detector into the holder
7. Adjust the detect angle according to actual situation.

Detection Range

Vertical view of detection range

Vertical view of curtain type contection range

Lateral view of detection range

Lateral view of curtain type contection range

Attentions

1* The detection range of PIR detector might be effected by the environmental temperature.

2* Anti theft products can increase the safety factor, but not 100% guarantee, the user should also improve the safety awareness to avoid any property loss .

3* After detector test completed, it's highly suggested to disconnect the LED jumper to enhance the concealment of detector(LED indicator doesn't work).

4* When batter voltage is under preset value, the LED will flash fast and send out alarm signal to remind the user to replace battery.