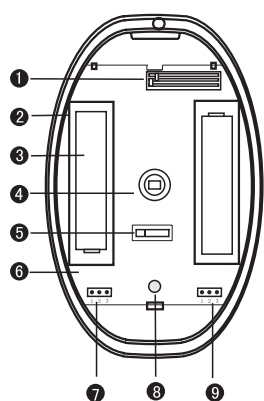


MANUAL FOR INTELLIGENT CURTAIN INFRARED DETECTOR

PRODUCT INTRODUCTION

The product is wireless passive infrared detector with high stability. It has adopted advanced technology in signal processing and provided superhigh detection ability and anti error alarm. The detector will detect movement of human automatically when intruder pass through the detected area, and it will send out alarm signal to alarm host if there is movement. The product is suitable for the safety of residential house, villas, factories, markets, warehouses, office building etc.

PRODUCT PROFILE



- ① Code Jumper
- ② Battery case
- ③ Battery
- ④ Infrared sensor
- ⑤ Anti-temper switch
- ⑥ PCB
- ⑦ LED Jumper
- ⑧ LED Indicator
- ⑨ Alarm Delay Jumper

MAIN FEATURE

- ASIC Adopted
- Automatically identify valve control
- Send alarm signal by RF
- Adjustable detecting distance
- CPU process
- Low power indication
- SMT design adopted, Anti RFI & EMI
- Anti RF interference (20V/m~1GHz)
- Alarm delay optional
- Low power consumption
- Auto temperature compensation

TECHNICAL SPECIFICATION

Operating voltage: DC 3V (2*AA battery)

Static current: $\leq 15\mu A$

Alarm current: $\leq 10mA$

Battery life: 1 year

Detecting distance: 9m

Detecting angle: 15°

Self-testing time: about 60S

Radio frequency: 315MHz or 433MHz

Radio distance: more than 100m (open area)

Low battery indicator: yellow LED

Alarm indicator: red LED

Range of coverage: 11 distance, 8 middle, 5 vicinities

Sensor: dual element infrared sensor

Operating temperature: $-10^\circ C \sim +50^\circ C$

Environment humidity: $\leq 95\% RH$ (no congelation)

Anti RF interference: 10MHz—1GHz 20V/m

Installation mode: wall mounted or hanged in corner

Installation height: 1.7 to 2.5m (2.2m is Proposed)

Outline Size: 69.5L*40W*110H mm

INSTALLATION

1. Installation at the out door, place with pets, air-condition nearby, direct sunshine, heat source and under the rotating objects should be avoided.
2. Surface of installation should be firm with no vibration.
3. Installing the detector in the place where intruder pass easily.

INSTALLATION STEP

1. Install the bracket on suitable position.
2. Open the front housing, and remove the PCB.
3. Fix the rear housing onto the bracket.
4. Fix the PCB, then install batteries.
5. Install the front housing.

OPERATING INSTRUCTION

Function Setting

1. Delay Jumper: used to set alarm delay time. When set to Test Mode (5 seconds), it will be triggered every 5 seconds when it has been triggered, while set to Work Mode (5 minutes), it will be triggered every 5 minutes when it has been triggered.
Short 1&2: delay 5s (test mode)
Short 2&3: delay 5 minutes (work mode)
Shut off: delay 10 minutes (work mode)
2. Code Jumper: used to set address code and zone code with alarm host. A0—A7 is address code, which should correspond with alarm host. (No need for 1527 code IC) D0—D3 is data code for setting defence zone.
3. LED Jumper: Control LED indicator with no effect of the detector. When the indicator turns yellow, please charge the battery in time.

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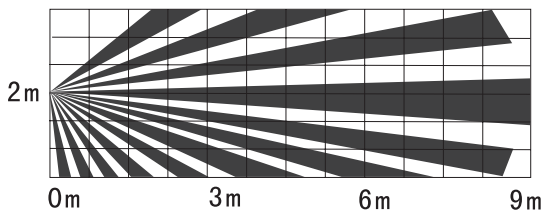
Product testing

1. Before testing, Please set the Delay Jumper in the state of Test Mode.
2. LED flashes once power on, then the detector comes into the state of self-check, it takes about 60s. Aafter that it is in the state of normal work.
3. After the self-check, Conner should walk parallel with the wall installed detector in the testing area. LED lighting means the detector is in the state of alarm.

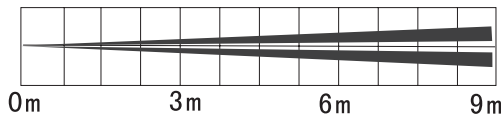
NOTICE

1. Please install and use the detector according to this manual, don't touch the surface of sensor for avoiding affecting the sensitivity of the detector. Please shut off power and then clean the sensor by soft cloth with little alcohol if cleaning needed.
2. The product can reduce accident but may not perform as expected. The user is advised to take all necessary precautions for his/her safety and the protection of his/her property.
3. In order to ensure it can work normally, the power should be kept to supply and get on walking test periodically, once a week is better.

Detecting Area View



Planform



Side View