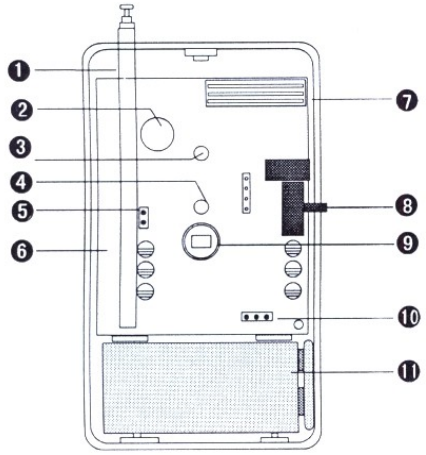
PRODUCT INTRODUCTION

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



❶ Antenna
❷ SAW filter
❸ Alarm LED
❹ Low battery LED
❺ LED Jumper
❻ PCB
❼ Code Jumper
❽ Power Switch
❾ Infrared Sensor
❿ Delay Jumper
⓫ 9V Battery

MAIN FEATURE

- ASIC Adopted
- Auto temperature compensation
- Send alarm signal by RF
- No wiring, install conveniently
- Low battery indication
- SMT design adopted

TECHNICAL SPECIFICATION

Operating voltage: 9V (powered by battery)
Static current: ≤25uA
Alarm current: ≤15mA
Detecting distance: 12m
Detecting angle: 110°
Code form: 2262 or 1527
Radio frequency: 315MHz or 433MHz
Radio distance: 200m (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℃ to +50℃
Environment humidity: ≤ 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: 59L*45W*107H 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.
4. Fixing bracket on the wall by screw.
5. Hang the detector, it will work normally after turning on the power switch.

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 (5minutes), it will be triggered every 5 minutes when it has been triggered.
   Short 1&2: delay 5s (test mode)
   Short 2&3: delay 50s (test mode)
   Short off:delay5 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: for setting LED ON or OFF without effect of the detector work.
   Short 1&2: set LED ON
   Short 2&2: set LED OFF
   LED can be shut for concealment of the detector after test.

Product testing

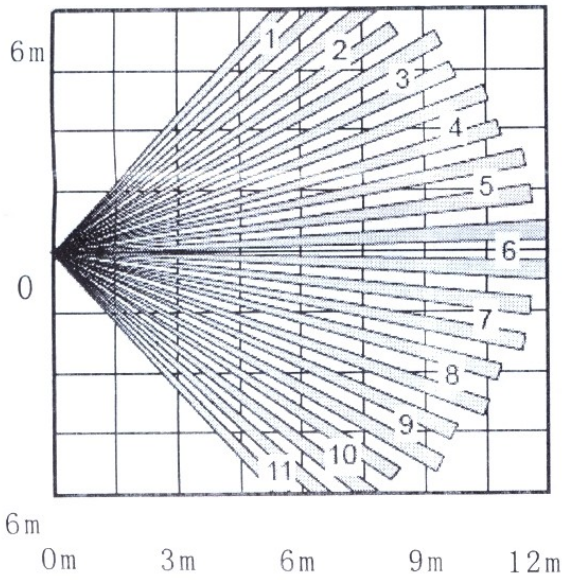
Turning on power and LED indicator will flashed for 1s, the detector comes into state of self-check, it takes about 30s, after that it is in the state of normal work. Conner

should walk parallel with the wall installed detector in the testing area. LED lighting means the detector is in the

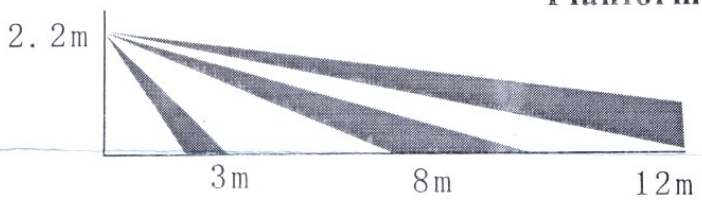
NOTICE

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