

MANUAL FOR WIDE ANGLE PIR DETECTOR

interference is general, adapt to general environment.

Short 2&3: class 2 pulse, the sensitivity is highest, and anti

RF interference is high, adapt to the environment with strong RF interference.

Shut off: class 3 pulse, the sensitivity is low, and the anti

RF interference is highest, adapt to the environment with exceeding RF interference.

3. LED Jumper: Control LED indicator, no effect of detector

normal work.

Short 1&2: set LED ON

Short 2&3: set LED OFF

LED can be shut off for concealment of the detector After after Test

Product testing

Turning on power and LED indicator on, the Detector comes into the state of self-check, it takes about 60s, after that it is in the state of normal work

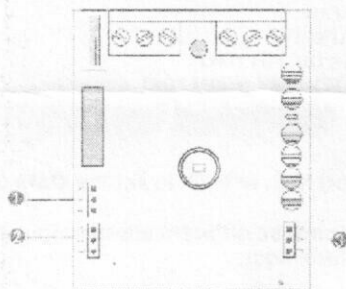
Corner should walk parallel with the wall installed detector in the testing area.

LED lighting means the detector is in the state of alarm.

NOTICE

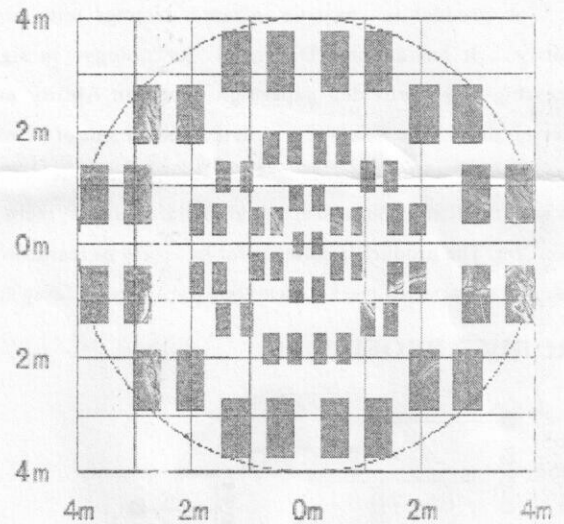
1. Please install and use the detector according to This manual, don't touch the surface of sensor for Avoiding affecting the sensitivity of the detector. Please shut off power and then clean the sensor by soft cloth with little alcohol if cleaning needed.
2. The product can reduce accident but
3. In 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. 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.

JUMPER SETTING

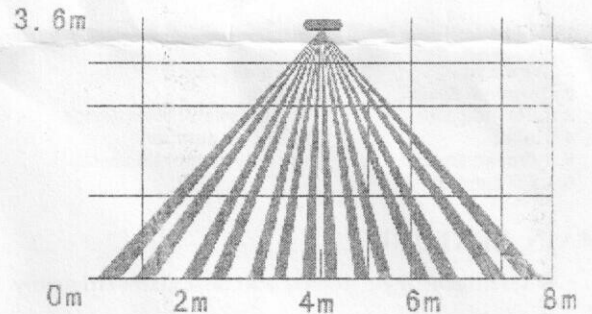


| | | |
|-----------------|-------|----------|
| ① LED JUMPER | 1 2 3 | SHUT OFF |
| ② REPEAT JUMPER | 1 2 3 | 1&2 |
| ③ PULSE JUMPER | 1 2 3 | 2&3 |

Detecting Area View



Planform



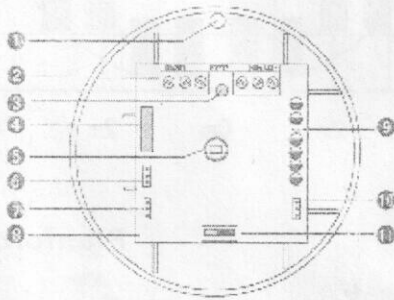
Side View

MANUAL FOR WIDE ANGLE PIR DETECTOR

PRODUCT INTRODUCTION

The product is 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 passes through the detection 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: Wire Exit | 7: Relay jumper |
| 2: Terminal Block | 8: PCB |
| 3: LED Indicator | 9: Thermistor Resistance |
| 4: Relay | 10: Pulse Jumper |
| 5: Infrared sensor | 11: anti-dismantle switch |
| 6: LED Jumper | |

MAIN FEATURE

- Intelligent logic control, anti false alarm efficiently
- AUTO temperature compensation
- Pulse count adjustment
- Anti white light interference
- Anti R F interference(20V/1GHz)
- Fresnellens
- Wall/ceiling installation

TECHNICAL SPECIFICATION

Operating Voltage : DC12V
 Current consumption : $\leq 18\text{mA}$ (DC12V)
 Detecting distance: 12m
 Detecting angle: 360
 Self-testing time: 60S or so
 Operating temperature: $-10\text{ }^{\circ}\text{C} \sim +50\text{ }^{\circ}\text{C}$
 Alarm indicator: red LED
 Alarm output: NC or N.O., DC28V, 100mA

Anti dismantle output: NC or N.O., DC28V, 100mA

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

Sensor: dual element infrared sensor

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

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

Anti R F INTERFERENCE: 10MHz-1GHz 20V/m

Installation mode:

Installation height: 2.5-6m

Outline Size : 105*36mm

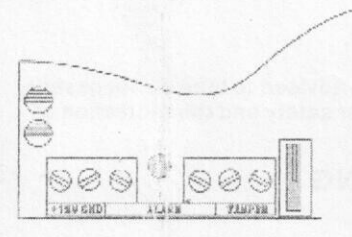
INSTALLATION

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 passes easily.

INSTALLATION STEP

1. Screw the detector bottom off, then open the detector.
2. Screw the PCB off, and remove the PCB.
3. Drill a wire hole in the rear housing.
4. Install the rear housing on the suitable position.
5. Connect the terminal block.
(Referring to the following figure)

TERMINAL BLOCK



| | |
|--------|-------------------------|
| 112V | DV ANODE |
| GND | DV CATHODE |
| ALARM | ALARM OUTPUT PORT |
| TAMPER | ANTI-TEMPER OUTPUT PORT |

OPERATING

Function

1. Relay Jumper: Short N.C. or N.O. to set the state of alarm output. You should choose different alarm output in accordance with alarm host.
 Short 1&2: N.O.
 Short 2&3: N.C.
2. Pulse Jumper: You can adjust the sensitivity and anti interference by choosing the Pulse Jumper. Short 1&2: class 1 pulse, the sensitivity and anti therefore