PRODUCT INTRODUCTION

The product is high stability curtain PIRdetector. 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. The product is suitable for the safety of residential house, villas, factories, markets, warehouses, office building etc.

PRODUCT PROFILE

TECHNICAL SPECIFICATION

Operating voltage: DC 9-24V
Alarm current: ≤18mA (D.C.12V)
Detecting distance: wall mounted 9m; ceiling mounted 6m
Detecting angle: 15°
Self-testing time: about 60S
Radio distance: more than 100m (open area)
Alarm indicator: red LED
Alarm output: N.C./N.O. Optional, contact D.C.28V 100mA
Anti-dismantle output: N.C., Contact D.C.28V 100mA
Sensor: dual element infrared sensor
Operating temperature: -10℃ ~+50℃
Environment humidity: ≤ 95% RH (no congelation)
Anti RF interference: 10MHz—1GHz 20V/m
Installation mode: wall / ceiling mounted
Installation height: 1.7 to 2.5m (wall mounted,2.2m is Proposed); 2.5 to 6 m(ceiling mounted)
Outline Size: 79*34*31 mm

MAIN FEATURE

- MCU control, anti false alarm efficiently
- Auto temperature compensation
- Pulse count adjustment
- Anti white light interference
- Anti RF interference (20V/m~1GHz)
- Fresnel lens
- Wall/ceiling installation
- Alarm output N.C. / N.O. Optional

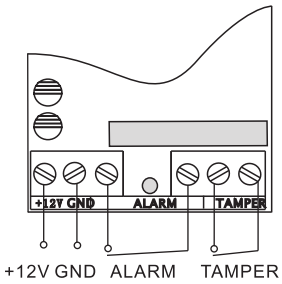
INSTALLATION

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

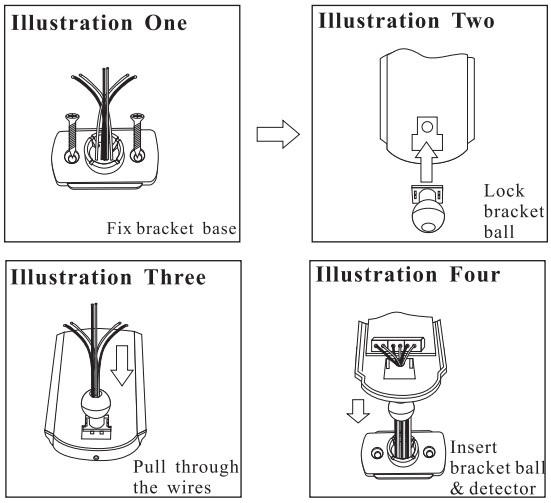
1. Install the bracket on suitable position.
2. Open the front housing, and remove the PCB.
3. Fix the rear housing onto the bracket.
4. Fix the PCB, then install batteries.
5. Set the alarm direction to point out the inside.
6. Install the front housing.

TERMINAL BLOCK FIGTURE



+12V	DV ANODE
GND	DV CATHODE
ALARM	ALARM OUTPUT PORT
TAMPER	ANTI-TEMPER OUTPUT PORT

INSTALLATION ILLUSTRATIONS



OPERATING INSTRUCTION

Function Setting

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. (Default mode)
2. Pulse Jumper: You can adjust the sensitivity and anti RF interference by choosing the Pulse Jumper.
   Short 1&2: class 1 pulse, the sensitivity and anti RF interference is general, adapt to general environment.
   Short 2&3: class 2 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 Test.

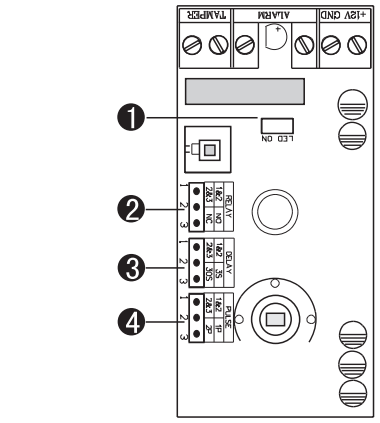
Product testing

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. 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

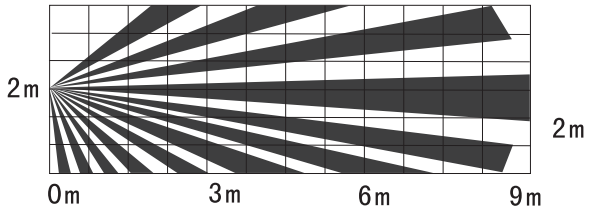
1. Please install and use the detector according to this manual, don't touch the surface of sensor for avoiding affecting the sensitivity of the detector. Please shut off power and then clean the sensor by soft cloth with little alcohol if cleaning needed.
2. The product can reduce accident but may not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

JUMPER SETTING FIGURE

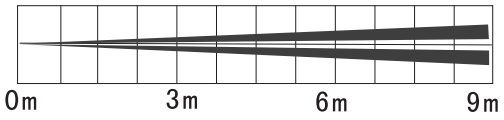


❶LED JUMPER
❷RELAY JUMPER
❸DELAY JUMPER
❹PULSE JUMPER

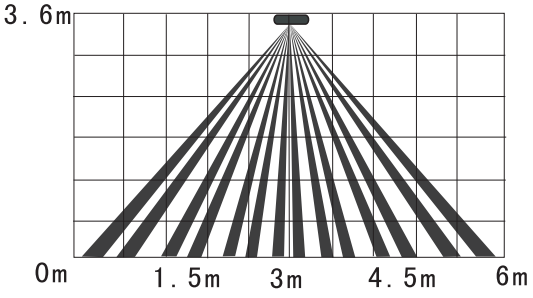
Detecting Area View



Side View (wall mounted)



Top View (wall mounted)



Side View (ceiling mounted)