**PRODUCT INTRODUCTION**

The product is passive infrared detector with high stability. It has adopted advanced technology in signal processing and provided super high 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.

**TECHNICAL SPECIFICATION**

- Operating voltage: DC 9V – 16V
- Current consumption: $\leq 18$ mA (DC 12V)
- Detecting distance: 12m
- Detecting angle: 110°
- Self-testing time: 60S or so
- Working temperature: -10°C ~ +50°C

**OPERATING INSTRUCTION**

**Function Setting**

1. Relay Jumper: Choose NC or NO to set the state of alarm output. You should choose different alarm output in accordance with host.
   - Short 1&2: N.O.
   - Short 2&3: N.C. (Factory-set)
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 is highest, adapt...
to general environment.
Short 2&3: class 2 pulse, anti RF interference is high, adapt to the environment with strong RF interference.
Shut off: class 3 pulse, the sensitivity is lower, and the anti RF interference is highest, adapt to the environment with exceeding RF interference.

3. LED Jumper: Control LED indicator, without 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 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 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**