

## 4A MINI AUTOMATIC 5-24V PIR INFRARED MOTION SENSOR DETECTOR SWITCH FOR LED STRIP



PIR (Passive infrared) Motion sensor is pyroelectric device can detect human movement by detecting Infrared ray emitted by human body. Operating voltage is 5~12VDC, and output voltage is equal to input voltage. High sensitivity, easy for installing. Widely used on the Motion-activated lighting, LED strips Security System, automatic sensory device and more.

### Specifications:

Passive Infrared Sensor

Operating voltage: DC 5V ~ 12V, Output voltage = input voltage

Load current: < 4A

Delay time: 5~600 Seconds, adjustable(Default setting 5sec)

Detecting range: <90 degrees cone angle

Detecting distance: 0 ~ 5M, adjustable(Default setting 5M)

Size: 50 \* 26 \* 21.5mm

Trigger way: continuous triggering

Light sensor: NO

### Features:

Automatic Induction: When people enter into the range of induction, it will output a voltage equal to input voltage, after the delay time, it will output 0V; during the delay time if motion detected, the delay time will reset, and start a new delay time.

There is no light sensor control.

### Note:

Don't exposed to direct sun light or lighting, big wind, near a heater or air condition.

Don't fix it at a place where there are obstructing material (eg. Glass, dense clothes) which IR cannot get through.

Don't fix it in strong shock or vibration environment.

The PIR Sensor requires a "warm-up time" in order to function properly, about 10s to 1min, depend on the delay time; during this time, the signal triggered by the module is not stable, after one minute, it will be ready.

The sensitivity for left-right direction is better than up-down direction, make sure the installation

direction is left-right.

## 1Pair Female&Male Connector



Simply & Professional appearance for power cabling  
Easier for camera installation, save time and more securer cable connection  
5.5mm x 2.1mm Female power plug connector

### Female Jack Description:

No electrical tap, No splicing, no crimping, but only a small screw driver.

Easier for camera installation, save time and more securer cable connection.

5.5mm x 2.1mm Female power plug connector.

External diameter of the plug: 5.5mm.

Internal diameter of the plug: 2.1mm.

Dimension: 38mm(L) x 14mm(W) x 13mm(H).

### Male jack Description:

2.1 x 5.5mm CCTV Camera DC Power Plug Connector.

DC Power Plug with plastic construction and strain relief.

This 2.1 x 5.5mm Power Plug features one power connector end DC plug male to another end terminal for CCTV camera connected.

It is a perfect solution for those who want to make custom power cable.

This CCTV Camera DC Power Connector will provide a great connection.

Internal diameter of the plug: 2.1mm

External diameter of the plug: 5.5mm

It measures approx. 1.5" long, 0.55" wide, 0.5" thick.

## Sensor switch+Connector



### Package Include:

MINI PIR infrared motion sensor switch(1\*switch)

1Pair Female&Male Connector(1\*Female Connector,1\*Male Connector)

Sensor switch+Connector(1\* MINI PIR infrared motion sensor switch,1\* Female Connector,1\* Male Connector)