



The wired PIR Motion detector is an INPUT DEVICE, The PIR-01 PIR motion detector is designed to provide detection of criminal intrusion through door frames and window frames into a protected area by sensing infrared energy (heat) emitting from an intruder's body moving through a protected area. The MOTION SENSOR is commonly referred to as a PIR, which stands for passive Infrared. Upon detection of intrusion, the PIR-01 automatically generates an alarm signal to control panel. The sensor also provides a tamper contact output. The unit is RF and EMI Immunity to interferences produced by radio device. The unit is can be wall-mounted by means of a bracket.

## Features

- Newly-developed dual element passive infrared sensor unit;
- Wired transmitting digital signal to control panel;
- Intelligent logic control, eliminate false alarm;
- Microcontroller temperature analysis and Automatic temperature compensation for best summertime detection;
- Tightly-mated bug guard to protect the sensor optics from insects, spiders and dust;
- High immunity to white light;
- Selectable detection sensitivity (standard/high) for different environmental requirements;
- SMT adopted, RF and EMI Immunity;
- Adjustable detecting distance;
- Alarm output contacts of relay: N.C./ N.O. optional.

## Specification

Model	PIR-01 / PIR-02
Operating Voltage	DC9V~16V
Detection Range	Vertical angle 60degree, Horizontal angle 110 degree, 12m
Standby Current	NC 15mA ; NO 6mA
Alarm Current	NC 19mA ; NO 18mA
RF Immunity	> 20 V/m 10 – 1000 MHz
Sensitivity	> 3300V/W
White Light Immunity	> 8000 lux
Noise(Vp-p)	<200mV, (mVp-p)(25°C)
Alarm Output	NC or NO
Temperature Range	-10°C to +50°C
Relative Humidity	90% (25°C )
Installation Mode	Wall mounted by bracket
Installation Height	2m
Housing	High-impact ABS
Dimensions	107x59.5x39.5mm (HxWxD)
Applications	For indoor use. Corridor, Office, Room, Museum, Library, Finance Room, Warehouse, etc.

Wired PIR Motion Sensor