

Wired Ceiling PIR Motion Sensor



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
- Selectable detection sensitivity (standard/high) for different environmental requirements
- SMT adopted, RF and EMI Immunity
- Low power consumption
- Adjustable detecting distance
- Alarm output contacts of relay: N.C./ N.O. optional

The wired Ceiling PIR Motion detector is an INPUT DEVICE, The CPIR-03 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 CPIR-03 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 Ceiling mounted.

Specification

Model	CPIR-03
Operating Voltage	DC9V~16V
Detection Range	Around angle 360degree, 9m
Standby Current	NC≤15mA ; NO≤6mA
Alarm Current	NC≤19mA ; NO≤18mA
RF Immunity	> 20 V/m 10 – 1000 MHz
Sensitivity	> 3300V/W
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	Ceiling Mounted
Installation Height	2.5~6m
Housing	High-impact ABS
Dimensions	106x36mm (Dia. x H)
Applications	For indoor use. Corridor, Office, Room, Museum, Library, Finance Room, Warehouse, etc.

