The wired PIR Motion detector is an INPUT DEVICE, The PIR-04 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-04 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. A special PET IMMUNE MOTION SENSOR is utilized to know the difference between an intruder and a pet.

Specification

Model	PIR-04
Operating Voltage	DC9V~16V
Detection Range	Vertical angle 60degree, Horizontal angle 110 degree, 12m
Standby Current	NC 15mA ; NO 12mAa
Alarm Current	NC 100mA ; NO 30mA
Temper Switch Current	NC,12VDC,100mA max
RF Immunity	> 25 V/m 10 – 1000 MHz
Sensitivity	> 3300V/W
White Light Immunity	> 8000 lux
Pet Immunity	25Kg
Noise(Vp-p)	<200mV, (mVp-p)(25C)
Alarm Output	NC or NO
Temperature Range	-5C to +50C
Relative Humidity	90% (25 ℃)
Installation Mode	Wall mounted by bracket
Installation Height	2m
Housing	High-impact ABS
Dimensions	107x58x39mm(HxWxD)
Applications	For indoor use. Corridor, Office, Room, Museum, Library, Finance Room, Warehouse, etc.

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.

Wired Pet Immunity PIR Sensor