Secureye

Wireless
Curtain PIR Motion Sensor

Features

- Newly-developed dual element passive infrared sensor unit
- Wireless transmitting digital signal to control panel
- Intelligent logic control, eliminate false alarm
- Low power indication by LED indicator
- 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, long battery life
- Adjustable detecting distance

The wireless Curtain PIR Motion detector is an INPUT DEVICE, The CPIR-100A 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-100A 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 or Ceiling mounted by means of a bracket.

Specification

Model	CPIR-100A
Operating Voltage	2X3V "AA" Battery
Detection Range	Vertical angle 15degree, Horizontal angle 90 degree, 9m
Standby Current	less than 25uA
Alarm Current	less than 15mA
RF Immunity	> 20 V/m 10 – 1000 MHz
Sensitivity	> 3300V/W
Noise(Vp-p)	<200mV, (mVp-p)(25°C)
Transmitting Freq.	433.92MHz
Transmitting Distance	minimum 100m(in the open area)
Temperature Range	-10°C to +50°C
Relative Humidity	90% (25°C)
Installation Mode	Wall mounted by bracket or Ceiling Mounted
Installation Height	2m(Wall mounted by bracket), 5-9m (Ceiling Mounted)
Housing	High-impact ABS
Dimensions	110x69.50x40mm (HxWxD)
Applications	For indoor use. Corridor, Office, Room, Museum, Library, Finance Room, Warehouse, etc.

CE FC RoHS COMPLIANT

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