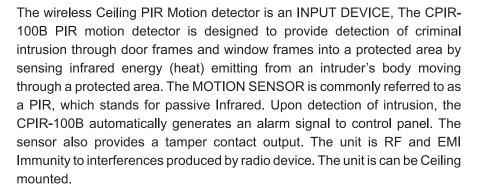


## Wireless **Ceiling PIR Motion Sensor**



## **Features**

- · Newly-developed dual element passive infrared sensor unit
- · Wireless transmitting digital signal to control
- · 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



## **Specification**

Model	CPIR-100B	
Operating Voltage	3V Lithium Battery	
Detection Range	Around angle 360degree, 9m	
Standby Current	less than 12uA	
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	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





