

Wireless PIR Detector

User's Manual

The wireless PIR detector adopts advanced import sensor and professional PIR disposal chip. It works by detecting human body's PIR spectrum. When detecting the human body move in the detective areas, the microprocessor would send the signal to alarm system, and then decide whether to make alarm or not after calculation. It also possesses intensive temperature-compensating function, which can greatly ravel out the weaker detective function caused by the changeful temperature.

Specifications

Temperature-compensating in full-procedure; adjust to the changeful temperature automatically.

Anti-white light interference.

Anti-magnetic interference.

Pet immunity

Detect and report automatically when low-power on.

Three classes of gain can be adjustable.

Technological Parameters

Work voltage: 6V

Standby current: 60uA

Wireless frequency: 433.92MHz

Eradiating power: 60mW

Work temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$

Style of sensor: dual infrared sensor

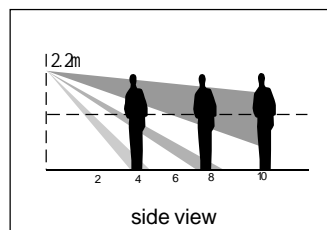
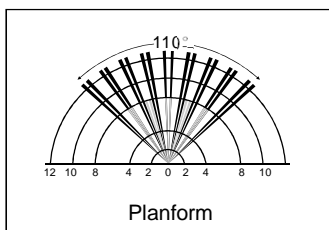
Installation method: wall mounting

Installation height: approximately 2.2m

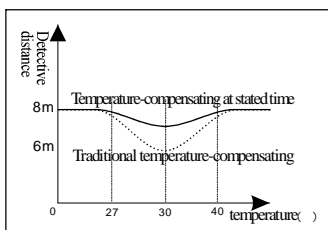
Detective distance: 8m

Detective angle: 110°

Chart of Detective range

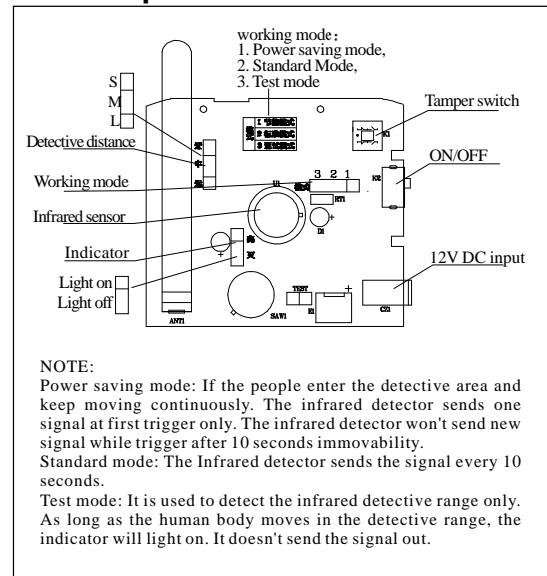


Sketch map of temperature-compensating

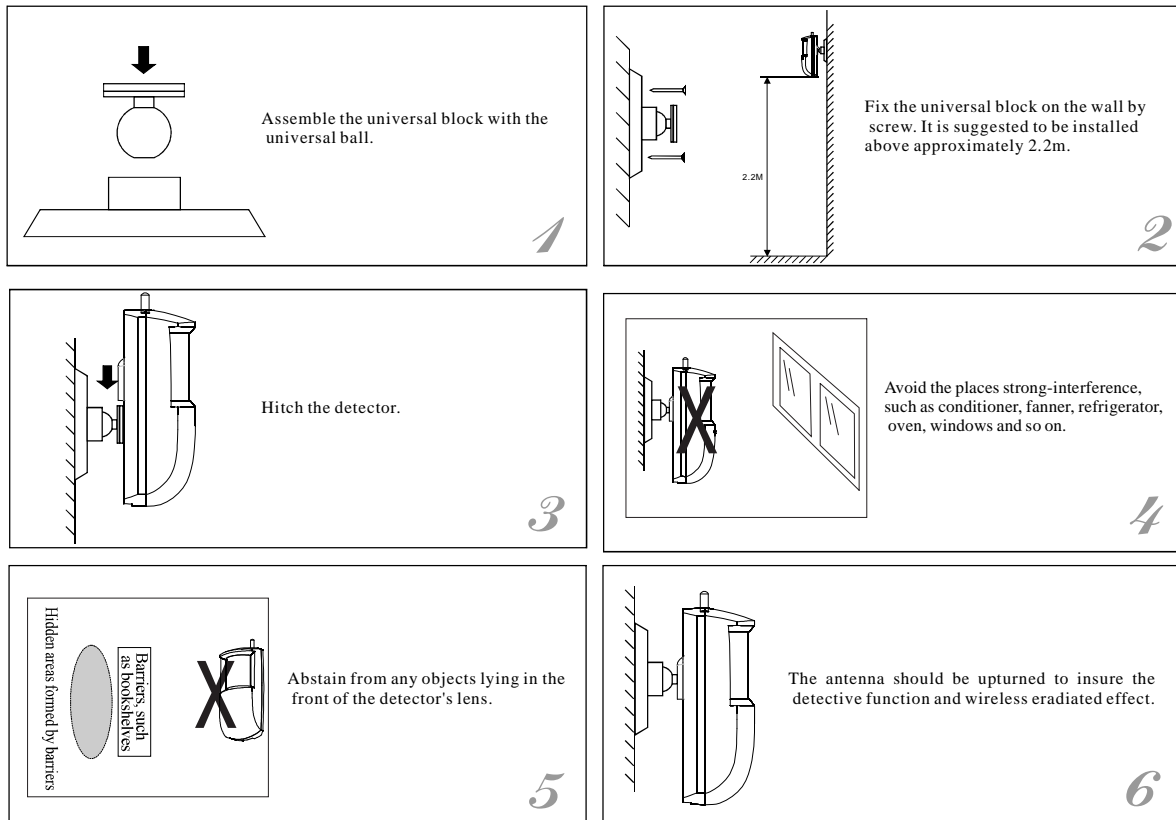


The wireless PIR detector can detect the changeful temperature in full-procedure and take on temperature-compensating at stated time automatically. It avoid the defective of traditional compensate, also help to abstain the influence caused by "close-body temperature's effect".

Chart of parts



Installation & Usage



Usage

After the detector was mounted on the wall, turn the PIR switch to "ON". The indicator light flashes once every second. The detector enters in blank situation. The indicator light stops flashing in 60 seconds, then the detector works normally. The user can walk across the detective areas temporality to observe whether LED lights on or not. Meanwhile, the detector will eradiate wireless alarm signal to alarm system. The user can adjust the installation angle to reach the best detective effect as their requirement. When LED is ON, it means LED indicator is on. The function of jumper for LED ON is just to control the LED indicator's indication function. It will not affect the normal work situation.

NOTES:

1. Please install and use the detector as the manual's requirement. Don't touch the exterior of sensor lest affect the sensitivity of detector. If it need to be cleaned, please use the soft cloth wetting with alcohol to wipe it off after turning power off.
2. Avoid the changeful environment.
3. This detector can reduce the occurrence of incidents, but without design to foolproof all time. Besides using our products correctly as the manual's description, please make sure you are trying to improve the consciousness to keep away yourself from the unsafe incidents.