

Wireless PIR Motion Detector Manual

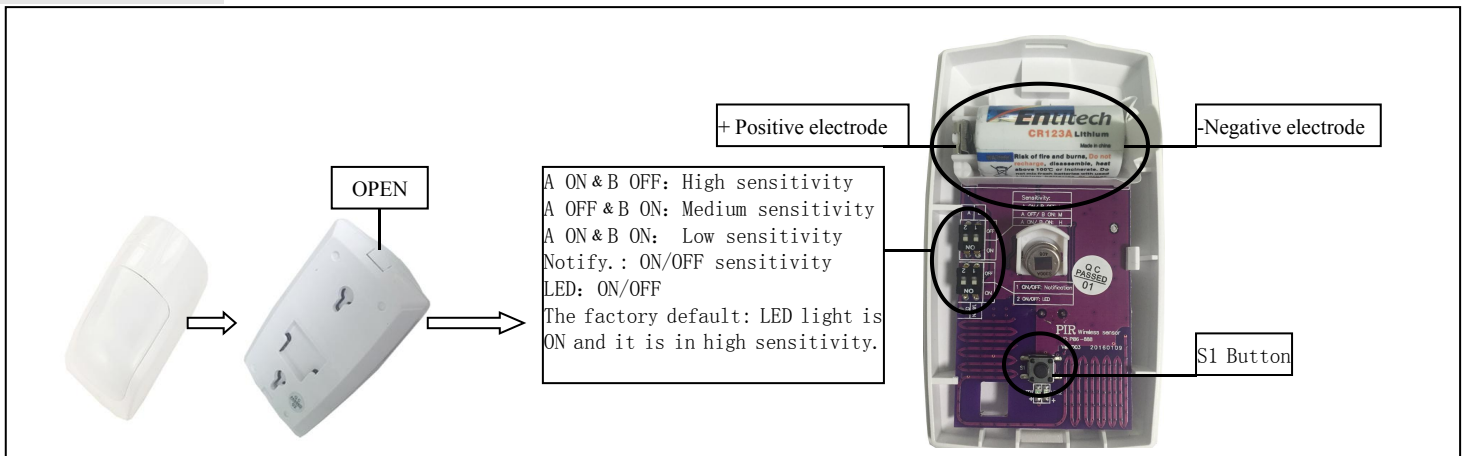
Production Introduction

The detector adopts the advanced digital processing technology. It has the functions of automatic temperature compensation, low voltage alert, intelligent energy conservation etc. It will transit the wireless signal to trigger the host to alarm by detecting the infrared heat energy of human body. It has the advantage of little environment affection, low false alarm, easy installation, and reliable and safe use etc.

Functions

- **Pet-friendly design:** The pet of which the weight <5KG、height<50CM will not trigger the alarm.
- **Low voltage alert:** The LED light will flash in low voltage and the detector will transmit the signal to the alarm host.
- **Long standby time:** It uses the Li battery with more than 130mAH capacity which can be used for more than 18 months.
- **Adjustable sensitivity:** The sensitivity can be adjusted into low, medium, or high sensitivity according to the installing environment.

Schematic Diagram

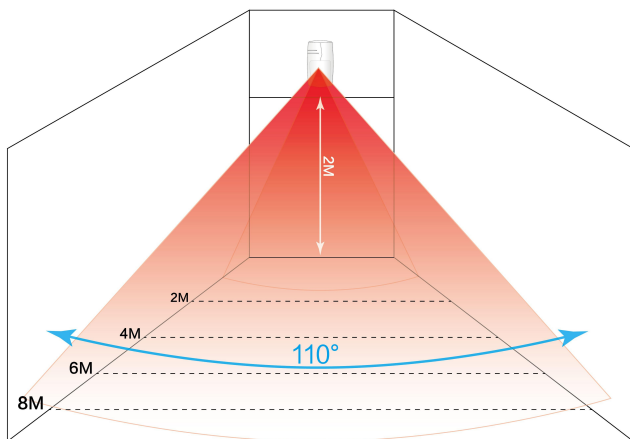


Pair with Alarm Host

Only after the detector pairs with the alarm host, the host can receive the alarm signal from it.

Pairing method: Make the alarm host in the status of adding detectors. Open the detector by tools and press the "S1" button, the LED light will be on and the detector will transmit the wireless signal. The host will make a beep or voice prompts "adding completed" if it receives the signal.

Installation Diagram:



Cautions:

- Do not face the glass door/window.
- Do not face the big object which is easy to swing.
- Do not face the cold and heat air vent or cold and heat source.
- The furniture, miniascape, or any other isolations should be away from the detecting scope.
- Do not install 2 or more detectors in the same area or it will cause the interference when alarm.
- The installation height is 1.8-2meters from the ground. he detecting distance is less than 8meters, the transmitting distance is less than 80meters. Please test the distance after installing. The obstacles will influence the distance.

Technical Parameters

- Input voltage: 3V CR123A (1300mAH)
- Static current: $\leq 60\mu\text{A}$
- Alarming current: $\leq 10\text{mA}$
- Detecting Scope: $\leq 8\text{M} / 110^\circ$
- Alarming indication: Red LED
- Wireless frequency: 315MHz/433MHz ($\pm 75\text{KHz}$)
- Transmitting distance: $\leq 80\text{m}$ (In the open distance)
- Working temperature: $-10^\circ\text{C} \sim +50^\circ\text{C}$
- Humidity: $\leq 85\%$