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 transmit 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.

Function Introduction

Turn on the switch of the detector. When it detects the infrared heat energy of human body, the LED light will be on and it will transmit the wireless signal. The host will alarm after receiving the wireless signal from it.
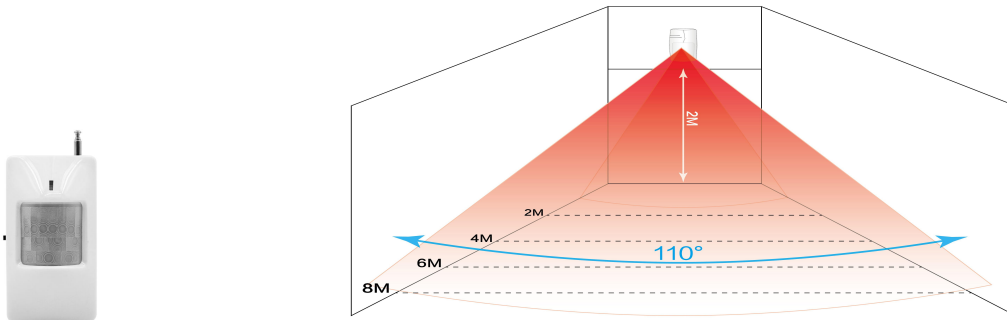
Pair with the Alarm Host

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. Turn the detector switch "ON",
The LED light will be one and the detector will transmit the wireless signal. The host will make
a beep or voice prompts " adding completed" if it receives the signal.

Low Battery Alert

When the LED light flashes, it indicates the battery is in low voltage.

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 Parameter

Input voltage: : 9V（250mAH）
Satic current：≤40uA
Alarm current : ≤15mA
The detecting scope : ≤8M /110°
Alarm indication：Red LED
Wireless frequency：315MHz/433MHz（±75KHz）
Transmit distance : ≤80m（in the open space）
Working temperature：-10℃～+50℃
Humidity：≤85%