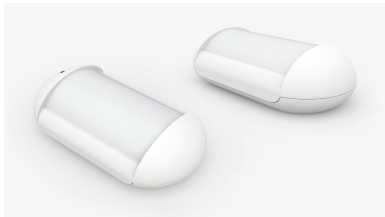# Wireless Pet-immunity PIR Detector User Manual

1.Brief Introduction

The wireless pet-immunity PIR detector adopts double infrared sensor technology, which can avoid false alarm caused by pet and improve stability greatly. Please read the user manual carefully before use.

2.Main Features

◆ Pet immunity with the signal from the double sensor.
◆ Improve the stability greatly based on analyzing the signal of dual symmetrical element & microprocessor.
◆ Automatic temperature compensation which can adapt the temperature change of the environment.

- ◆ Anti-white light function.
- ◆ Anti-magnetic interference with counting pulse sensitivity.
- ◆ Support low voltage alarm detection function

3.Technology Parameter

Working Voltage	DC 3V (2 pieces of 5# battery)	Installation Height	about 2m
Working Curren	≤140uA	Detective Angle	110℃
Time of Alarm Blocking	60S	Detective Distance	12m
Pet-immunity	35kg	Wireless frequency	433. 92MHz
Working Temperature	−10℃~+50℃	Wireless distance	≤300m
Size: L/W/H	130mm*64mm*43mm	Installation Mode	Wall/Ceiling mounted

4.Chart of Detective Range

TOP−view picure

2–2.5m

1.2   4   6   8   10   12

Side–view picure
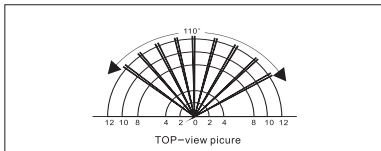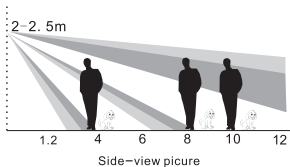
5.Component Description
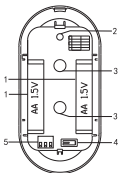
1. Batteries slotting
2. Indicator light
3. Sensor
4. Tamper switch
5. Setting pin

6.Usage of the product

1) ON/OFF: Setting sensitivity of the detector.

1P is Mono-pulse mode (1, 2): This mode is used in general environment
2P is Double-pulse mode: With more anti-jamming ability, this mode is used in the poor environment. The default state is 2P.

2)ON/OFF: Set the detective way of PIR.

SAVING is for energy saving: If the people enter the detective area and keep moving continuously. The infrared detector sends one signal at first trigger only. The infrared detector won't send new signal while trigger after 10 seconds immovability.
NORMAL is for energy normal: when there is trigger at one time, the sensor will block itself for 10 seconds. The sensor doesn't make effect by PIR signal in the 10 seconds. The default setting is NORMAL.

3)ON/OFF: LED ON/OFF selection indicates the status when the system alarms. LED (ON/OFF) does not affect the normal running of the detector.

Attention:
1）After changing the setting of alarm output mode, or sensitivity of the detector, user shall restart the detector to activate the settings.
2）After accomplishment, please put two pieces of 5# 2.batteries into the batteries slotting. When the indicator is flashing, the detector can start to work.
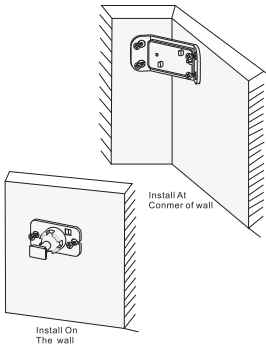3）Turn on the power. After 60s of alarm blocking time, the indicator is off. The detector begins to detect.
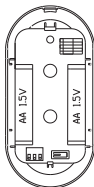4）User shall move horizontally at 6m distance to trigger the detector for testing.
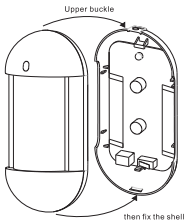
7.Chart of Bracket installation

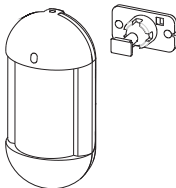1) Choose the installation mounting location, and then fasten the bottom of the bracket with self tapping screws

Install At
Conmer of wall

Install On
The wall

2) Open the shell, then put the 2 pieces of 5# battery into the batteries slotting.

3) Upper buckle and then fix it

Upper buckle

then fix the shell

4) Fix the active bracket on the wall

5) Hang detector on the active bracket.

Make sure the detector
is parallel with the wall
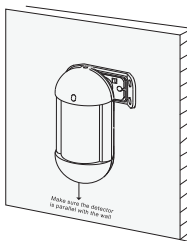
8.Warning

1)Please install and use the detector as the above requirement. Do not touch the surface of the sensor, or the sensitivity of the detector would be reduced. If it needs to be cleaned, please cut off the power and clean it with soft cloth and alcohol.

2)Please make sure the detector is firmly mounted on the wall.

3)Avoid the changeful environment which would cause false alarm, Avoid the changeful environment which would cause false alarm, Such as refrigerators, air conditioners, ovens which can cause severe changes of temperature.

4)During the time of alarm recovery and self-blocking, the sensor doesn't make effect.

5)This detector can reduce the occurrence of incidents, but nothing can be foolproof all the time. So for your safety, please keep vigilance and security consciousness in mind all the time.