

User Manual

Intelligent direct-recognize PIR instruction detector BP-WCPIR01-868



Enjoy it.

1. Introduction

- Please Install the battery in the sensor, after 25ses LED flash, it will enter working mode
- Open the bottom shell of the detector and the double lights will light up, indicating that the tamper switch has triggered an alarm, and data is sent to the host at this time
- After the battery is under-voltage, the LED light flashes once after the detector sends data
- This product has a function setting code switch, which can be set according to the use occasion
- We recommend set the sensor on POWER SAVE mode after testing.

1.1 Product introduction

BP-WCPIR01-868 Is a style of Intelligent direct-recognize curtain PIR Intrusion detector,it adopts energy-pile up logical process, random dynamic time split technology. BP-WCPIR01-868 series adopt precision column lens to upgrade receiving effect, with and Install mode optional. With anti-tamper function, you have no worry about someone to dismantle. Fit for indoor installation, and work with common battery, unique energy-saving mode enable the work life of battery longer than one year.

1.2 Structure icon

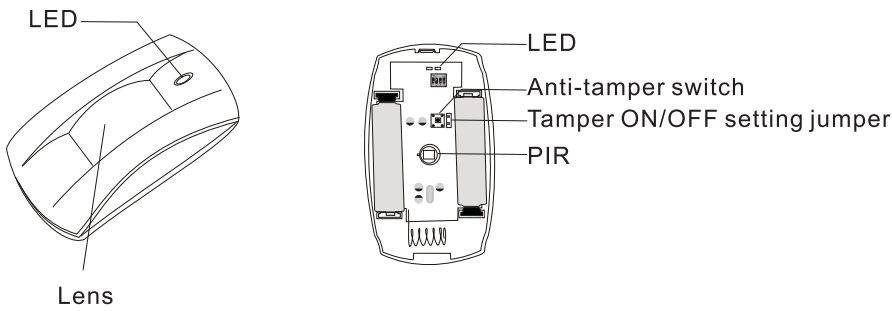
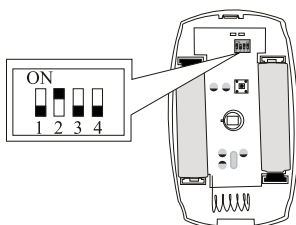


Fig.1 Appearance

Fig.2 Internal structure

Tamper ON/OFF setting jumper
 How set tamper ON: Set the only one of the two jumper pins in the jumper hat. (factory default is ON).
 How to set tamper OFF: Set the both two jumper pins in the jumper hat to set tamper Short circuit.

1.3 Code switch function description



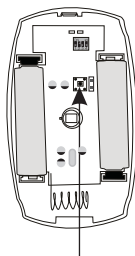
DIP	Bit Meaning	ON	OFF
1	Direction Detection Enable	Enable	Disabled
2	Alarm Direction Conversion	Enable	Disabled
3	Alarm mode setting	Power saving mode (Alarm delay 3 minutes)	Test mode (alarm delay 5 seconds)
4	LED light enable	Enable	Disenabed

Please repower the sensor to activate the change of DIP switch setting.

Description:

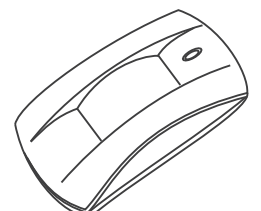
1. When the direction detection enable is ON, the clear distance is within 5 meters, and the direction is blurred within 5 meters, which may result in inaccurate direction.
2. Direction detection test: Set the sensor to testing mode and turn on the direction test . Trigger the sensor by walk-test method. Blue LED light on indicates safe direction. Red and blue LED on indicate alarm direction. You can change this setting on DIP switch by setting the DIP 2 to ON position. You can set the DIP2 ON or OFF to shif the alarm direction.
3. When the detector battery is low, it will send a battery undervoltage signal to the host. At this time, the customer should purchase and replace the battery in time.
- 4.Pls repower the BP-WCPIR01-868 after code switch setting done.

Pair with the host:



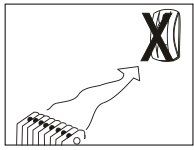
Press this switch to set the code

Confirm that the alarm host is in the code matching mode, press the tamper switch and release it. When the host has a corresponding tone, the code is successful. For the host code setting, please refer to the host user manual.

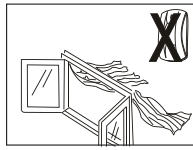


2. Installation

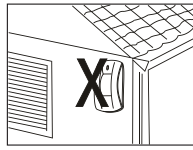
2.1 Installation note



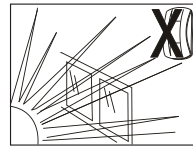
Don't face cold or hot directly



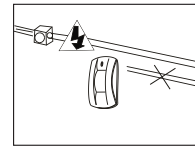
Don't open the window in protect area



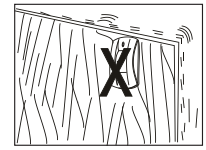
Don't install outdoor



Don't face the sun directly

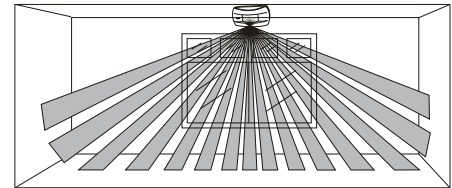
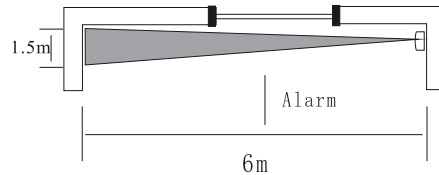
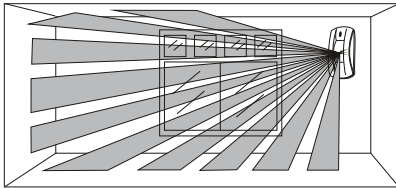


Don't instal near high voltage cable



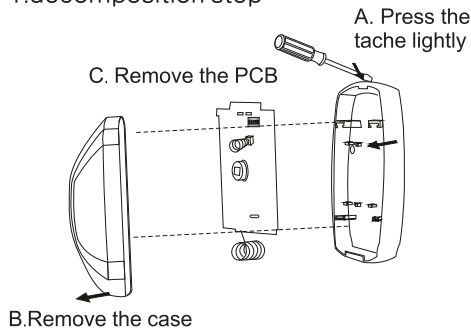
Don't install on a loose basement

2.2 Installation guide

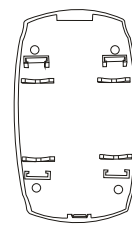


2.2 Installation steps

1.decomposition step



2.Install the base cover:



- A.Mark the drill point on the wall
- B.Screw in to fix the base cover
- C. Install the PCB in the cover

3. Technical parameters

Model: BP-WCPIR01-868

Detection angle: 25°

Detection distance: 6m/25°C

Wireless transmission distance: 150m (open space)

Working voltage: 3V (AA batteries*2)

Working current: monitoring current ≤20uA; Alarm current ≤25mA

Low voltage alarm: battery voltage <2.4V

Alarm/tamper output: wireless signal transmission

Debugging mode: ASK

Transmission frequency: 433MHz/868MHz (optional)

The alarm Indicator shows:

Blue LED light on indicates safe direction. (don't trigger alarm)

Red and blue LED on indicate alarm trigger direction. (trigger alarm)

safe direction/ alarm direction is subject to actual testing result.

Installation method: wall mounting, ceiling mounting

Installation height: 2-2.5m (With bracket, adjust the installation height and angle)

Operating temperature: -10°C ~ 50 °C (14°F ~ 122°F)

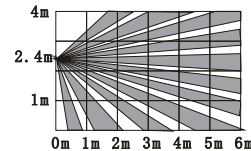
Storage temperature: -20°C ~ 60 °C (-4°F ~ 140°F)

Anti-white light Interference: >8000LUX

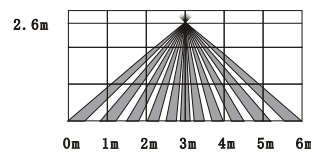
Anti-electromagnetic interference: >30V/m 30MHz-1GHz

Appearance size: (L*W*H) 90x50x40mm

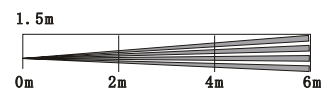
When the host receives the detector battery undervoltage report, please purchase and replace the battery.



Wall mounted side view curtain lens



Suction mounting side view curtain lens



Wall mounted top view curtain lens

4. After sales service

If you need help calling our company's techcal support, you can call us and the customer can log in to our company's website for more information.

Warning: If the problem is caused by the customer's unauthorized operation, the consequences are at your own risk.

For Inquiries, Please contact:

Security Shop
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11070 Novi Beograd, Serbia
Tell: +381 11 318 68 68
office@securityshop.rs

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