Vismart
Intelligent Building Systems

V-ZigBee Control Smart Home Systems

VZG-PS17
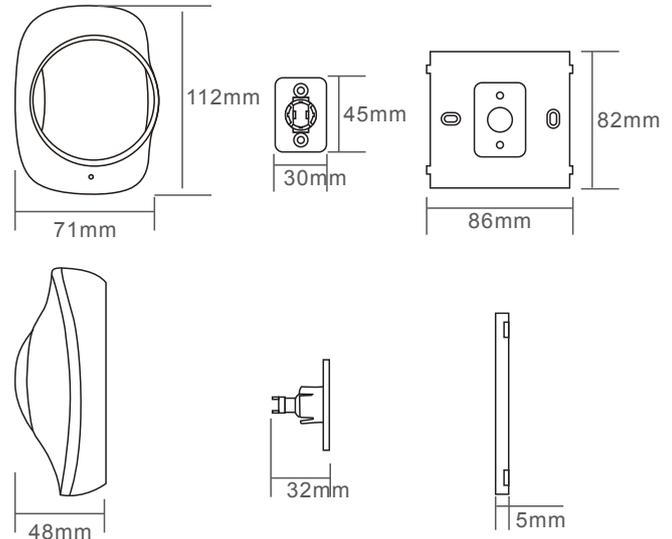## MOTION SENSOR
USER MANUAL

Zigbee Control
Alarm System

CE

Voltage: DC3V (CR17450 / 3.0 V battery)

Standby Current: ≤3uA

Operating Current: ≤3mA

Zigbee Connection Distance:
≤150m (open space)

Transmission Power: <20dBm

Zigbee Wireless Standarts: IEEE 802.15.4

Detection Angle: 110 °

Detection Distance: 12m

Operating Humidity: MAX% 95 RH

Operating Temperature: -10 ° C ~ 50 ° C

Dimensions: 112x71x48mm

DIMENSIONS AND ACCESSORIES

112mm
71mm
45mm
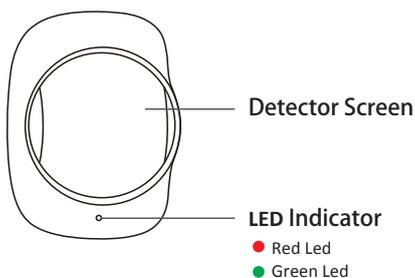30mm
82mm
86mm
48mm
32mm
5mm

INTRODUCTION

Easy-to-install and long battery life wireless motion sensor detects any unwanted accompanies in your place and immediately warns you while triggering the alarm. Tamper function also triggers the alarm if sensor is removed or broken.

You don't have to worry about your little fellow pets for triggering the alarm, thanks to the built in pet tolerant technology they can run around in the house without causing any false alarms.
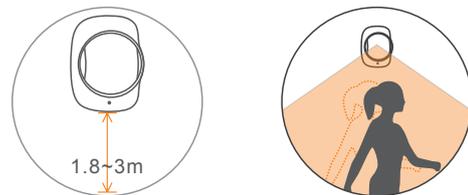
Its unique and sleek design will fit perfectly with your environment.

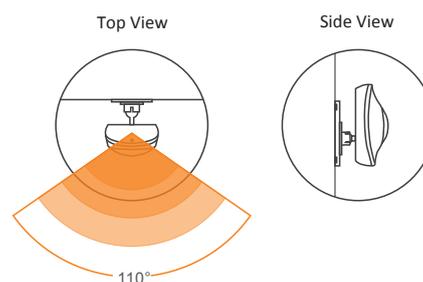**Tamper function only works if security system is armed.**

- Tamper Protection
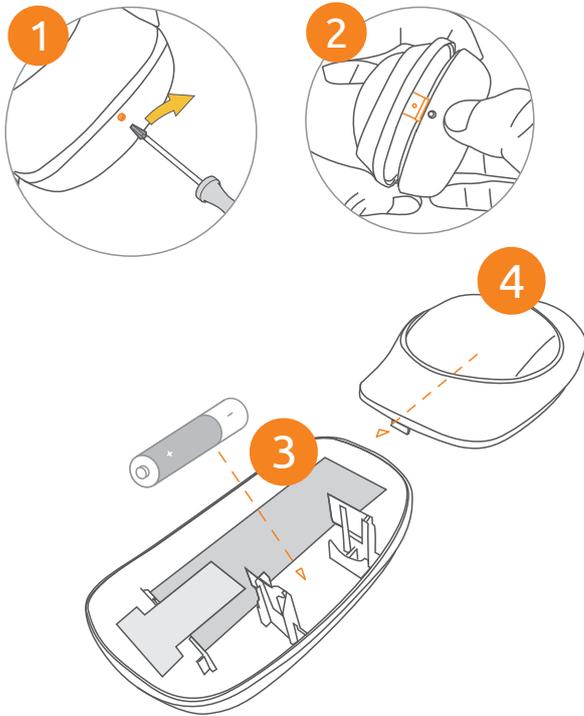- Wide Detection Angle
- Pet Tolerant

Detector Screen

LED Indicator
● Red Led
● Green Led

INSTALLATION

1.8~3m
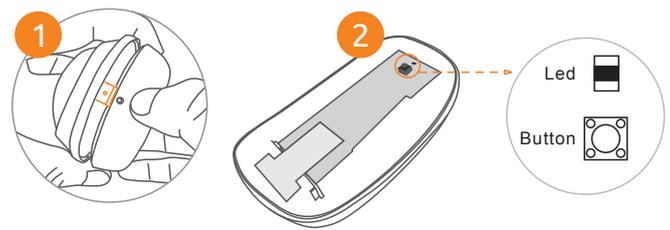
-Installation height shouldn't be too high or too low, install somewhere between 1.8 ~ 3m for best viewing angle.

-Using the corners of the place will increase the area covered by detector.

-Do not install above radiators or similar heat sources.

-Do not install directly in front of air conditioner, ventilator etc.

-Make sure the area in front of the detector is clear of any obstruction.

-Avoid installing the detector facing directly to a window.

Top View   Side View

110°

To remove the cover, release the catch by inserting a tool in to the slot as shown in the image.
Remove the plastic battery insulator and close back the cover.

To Setup Your Device:

To remove the cover, release the catch by inserting a flat headed tool in to the slot as shown in the image.

You can easily manage the device settings by using this button and following the LED lights instructions.

Network Connections:

Press and hold the Settings Button till the green light illuminates continuously. When the green light turns on press the button once (green light will flash once after pressing the button).
Press and hold the button again till the green light turns on. Once the device starts searching for the network the green light will start flashing rapidly and when the **connection has been made g**reen

Note: Before connecting this device, network connection mode should be activated on the Gateway by using the Settings Button on it.

Factory Settings:

Press the Settings Button for 3 seconds till the green light illuminates continuously. **Then press and release** the Settings Button 10 times (green light each pressing). Press and hold the Settings Button for 3 seconds. Green light will **flash 3 times indicating** that device is successfully return to factory settings.

Note: If you press the Settings Button more or less than 10 times green light will **flash 5 times** indicating that the process was unsuccessful. You can continue the **process** by pressing 10 times as explained above.

There is one settings button and two LED lights illuminating red and green. There are two working modes;
User and Settings Mode

Red Light:
Continuously flashing or continuously illuminated red light indicates that an alarm is triggered.

Green Light:

1. In the User Mode, green light flashes once show that the device is working normally.

2. In the User Mode, when you press and hold the Settings Button for 3 seconds green light will continuously illuminate, shows that now the device is in Settings Mode.

3. In the Settings Mode, green light flashing 5 times indicates that the entered command is wrong or not recognized.

4. In the Settings Mode, green light flashing 2 times indicates that the entered command is accepted.

5. In the Settings Mode, green light flashing rapidly indicates that the device is searching for the network and making the connection automatically. Green light flashing 3 times indicates that the connection to the network has been made.

Red and Green Lights Illuminating Simultaneously:

Red and green light simultaneously flashing 5 times every 10 seconds indicates that the battery is low and needs changing.
In the User Mode, when you press the Settings Button once, sensor sends an SOS signal to gateway and red light blinks once.
If the device is not connected to the network or disconnected, red and green lights will flash 3 times to indicate the connection problem.

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