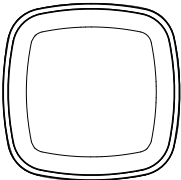


Smart Motion Sensor

User Manual

M414-12Ever1.3



*Please read the user manual carefully before operation.
The guide picture is for reference only, please in kind prevail.

1

Product Introduction

Smart motion sensor adopts super low power consumption Zigbee wireless network design and automatic threshold adjustment technology to enhance the stability of the sensor, efficiently anti-false alarm. Automatic temperature compensation technology, can efficiently prevent sensors from the decrease in sensitivity resulted from the temperature variation. Suitable to be used for safety protection of residential, villas, factories, shopping malls, warehouses, office buildings, banks, computer rooms and other places.

2

Product description

Indicator

Networking button

Sensor

Bracket


3

Technical parameters

1.Working Voltage : 3VDC (1xCR123A/CR17335 battery)
2.Detecting angle : 90°
3.Install height : 2.1m
4.Detecting distance : 9~12m
5.Working temperature: -10°C ~ +50°C
6.Working humidity : Maxium 95%RH (No condensation)
7.Networking : Zigbee
8.Wireless networking distance : ≤100m (open area)
9.Dimension : 65x65x28.5mm

4

Functional rendering



5

Detecting Area

6m

0m

6m

3m

6m

10m

• Plan View

2.1m

1.5m

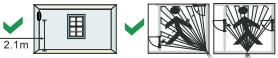
6m

10m


• Side View

6

Installation precautions



- Please avoid outdoor installation, places with pets, air-condition, heat source nearby, places with direct sunshine and places under rotating objects. The installation surface should be solid without vibration.
- Please install the sensor in the places where an intruder may pass easily.

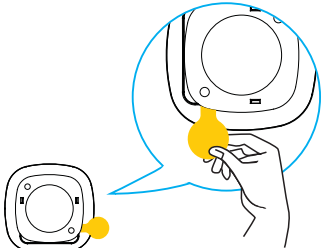


7

Detection mode description

When the sensor is powered on, the sensor enters warmup state, the red LED will flash for 30 seconds. After the warmup ends, the sensor enters test mode, in the test mode, the detection interval is 1 minute, 20 minutes later, the sensor automatically enters the power-saving mode. In the power-saving mode, when the sensor detects the movement of human body, it will be able to detect movement again after no movement is detected within the detection area for over 1 minute. If human body is moving continuously within the detection area, the sensor will not enter detection state. If you need to enter the test mode again, remove the sensor battery, wait for 1 minute and then reinstall it to enter test mode.


Step 1



- Removing insulator make device on power. Device will in warm-up state when red LED flash, after 30 seconds LED off, warm-up complete.

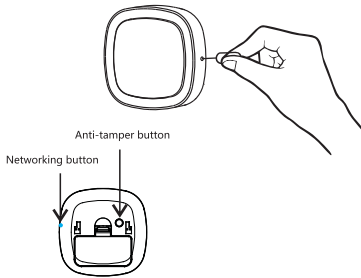
8

Step 2



9

Step 3



Anti-tamper button
Networking button

10

• Connecting network: According to APP prompt, press networking hole for 2 seconds till green LED flash quickly, APP shows slip, green LED keep on for 3 seconds, networking success.

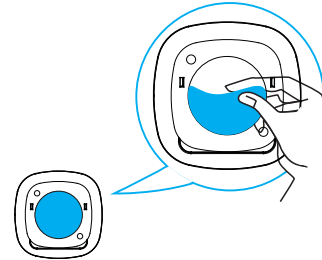
• Disconnecting network: Press the networking button for 5 seconds to disconnect the network, after the green light flashes slowly for 3 seconds, which indicates network is disconnected success

LED indicator instruction of devices

Add network	Pressing network button for 2 seconds, green LED flash (twice per second)
Quit network	Green LED flash six times (once per second)
Alarm	Red LED flash one time

11

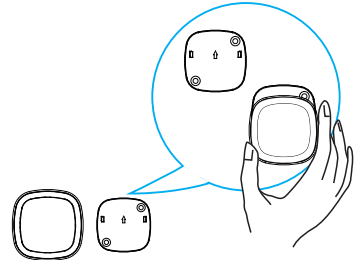
Step 4



- Paste the device in the area required after removing double-side tap on the back side

12

Step 5

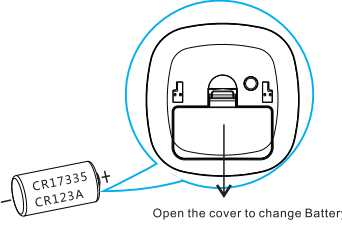


- Note: Pls keep arrow part in the picture upwards. Put the sensor into the bracket.

13

8

Changing battery



CR17335
CR123A

Open the cover to change Battery

- Please change the battery according to negative and positive of the battery
- Please deal with waste batteries correctly for environmental protection.

14

Notes:
*The pictures shown are for reference only.
*As the technology is constantly updated, if actual operation is inconsistent with the user manual, the final interpretation rights is reserved to the manufacturer.