USER GUIDE

Wireless Motion Sensor

Model:MS1P

Contents

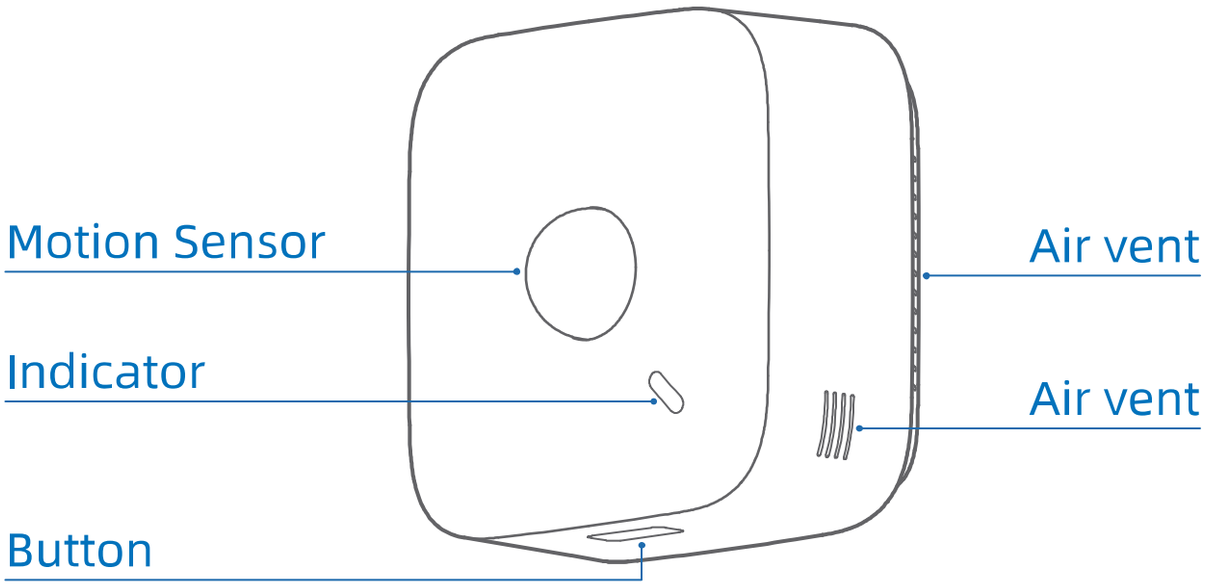
Introduction

- Package List: Motion Sensor MS1/MS1P (×1)

  Micro USB cable (×1) Screw (×2) User Guide (×1)

  Pluggable Terminal Block Connector (MS1P) (×1)

- Product Function: monitor the movement of people or animals and measure the environment temperature and humidity



Technical Specifications

Product: UbiBot®Motion Sensor MS1/MS1P

Detection distance: 12 meters

Detection angle: vertical 40 degrees, horizontal 105 degrees

Power supply: Micro USB/POE power supply */AC power supply *

Operating temperature MS1: -10 ℃ to 50 ℃, Non-condensing

Operating humidity MS1: ≤90% RH, Non-condensing

Operating temperature MS1P: 0 ℃ to 50 ℃

Operating humidity MS1P: ≤70% RH

Operation system: Android/iOS

Network: 2.4GHz WiFi/RJ45 Ethernet *

Wireless standard: IEEE 802.11b/g/n

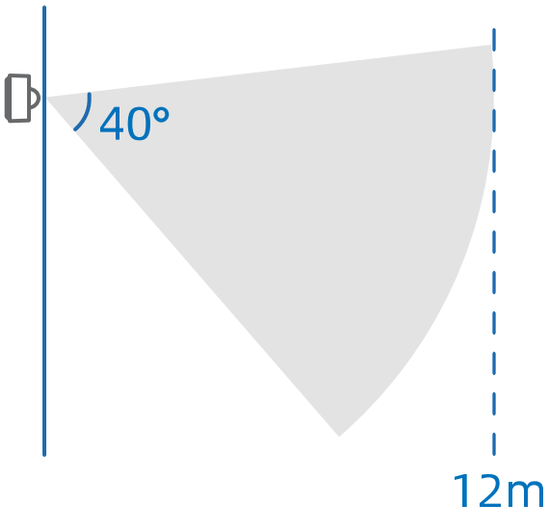
POE standard: IEEE 802.3-2005 *

Bluetooth: BT4.2, Classic BT&BLE supported

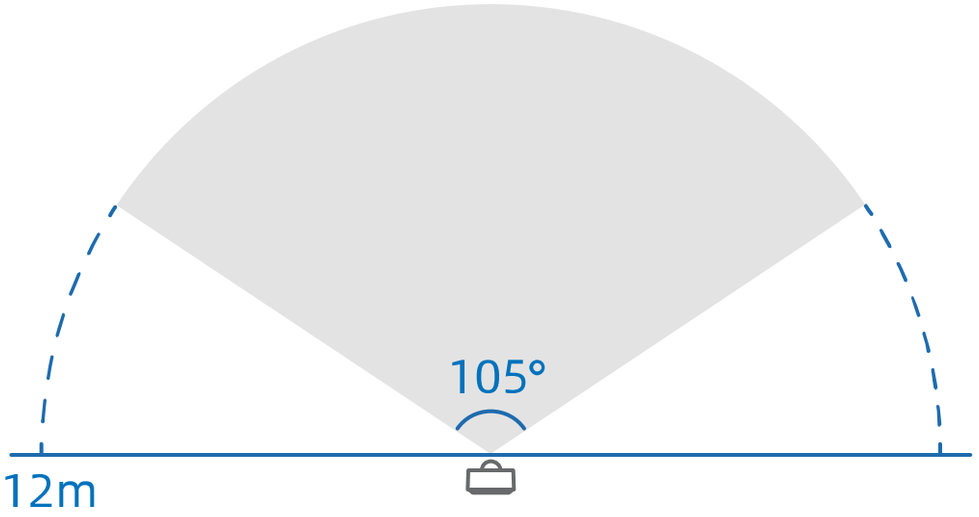
⚠ Text marked with asterisk means the feature depends on the specific model purchased.

Detection Range

Our product uses the pyroelectric infrared sensor, which is featured with a detection distance of up to 12 meters, 40 degrees in vertical direction, and 105 degrees in horizontal direction.



SIDE VIEW



TOP VIEW

Indicator Status & Operations

Power on and off: The device will switch on automatically when power is supplied, and shut down automatically when power is off.

- When the indicator flashes green, it means there is movement detected.
- When no movement is detected, the indicator goes off.
- When the indicator flashes alternately red and blue, it means the device is in the setup mode.
- When the indicator is constantly blue, the device is resetting to default settings.
- When the indicator is constantly red, it means there are network errors.
- When the indicator flashes red, it means there are hardware errors.

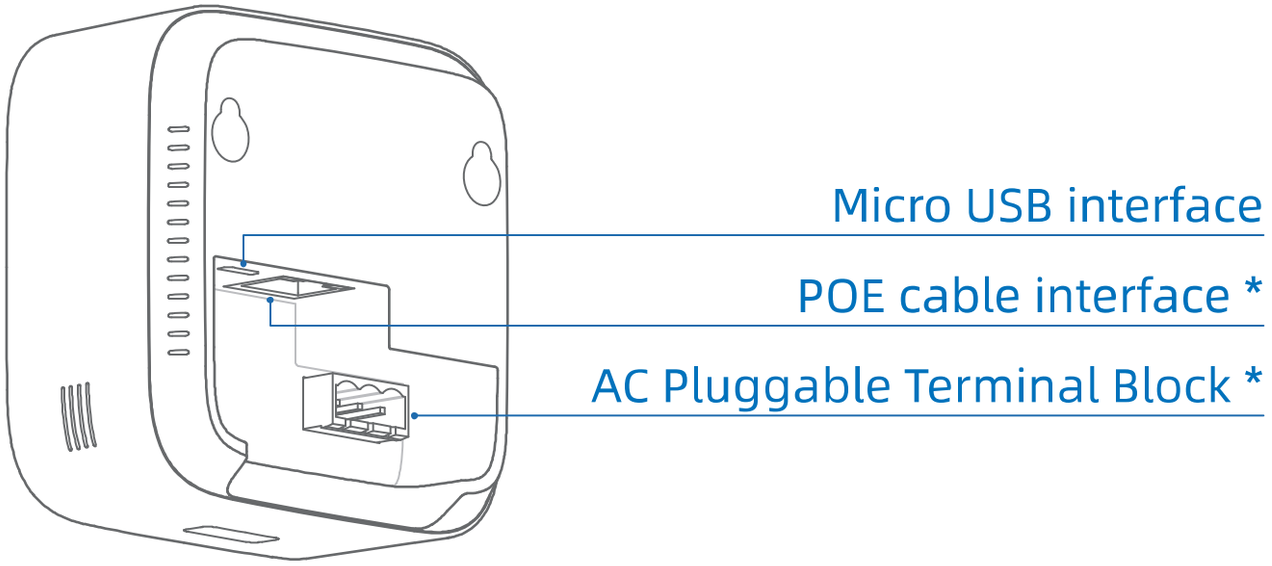
- Double press the button to enter the setup mode.
- Press and hold the button for at least 10s to reset the device.

Power Supply

- Power supply: Micro USB（5 V, 2 A）

  POE power supply * (7 W)

  AC power supply * (110 V–240 V ac, 50/60 Hz)



⚠ Text marked with asterisk means the feature depends on the specific model purchased.

APP Installation

Option 1: Download the App from www.ubibot.io/setup

Option 2: Search for "UbiBot" on the App Store or Google Play.

Network Setup

STEP 1.

Launch the App, register if needed, and log in. Tap "+" to add a device. Scan the QR code on the device or manually enter the serial number.

STEP 2.

Enter the WiFi setup mode: In the ON state, double press the button and the indicator will flash alternately red and blue.

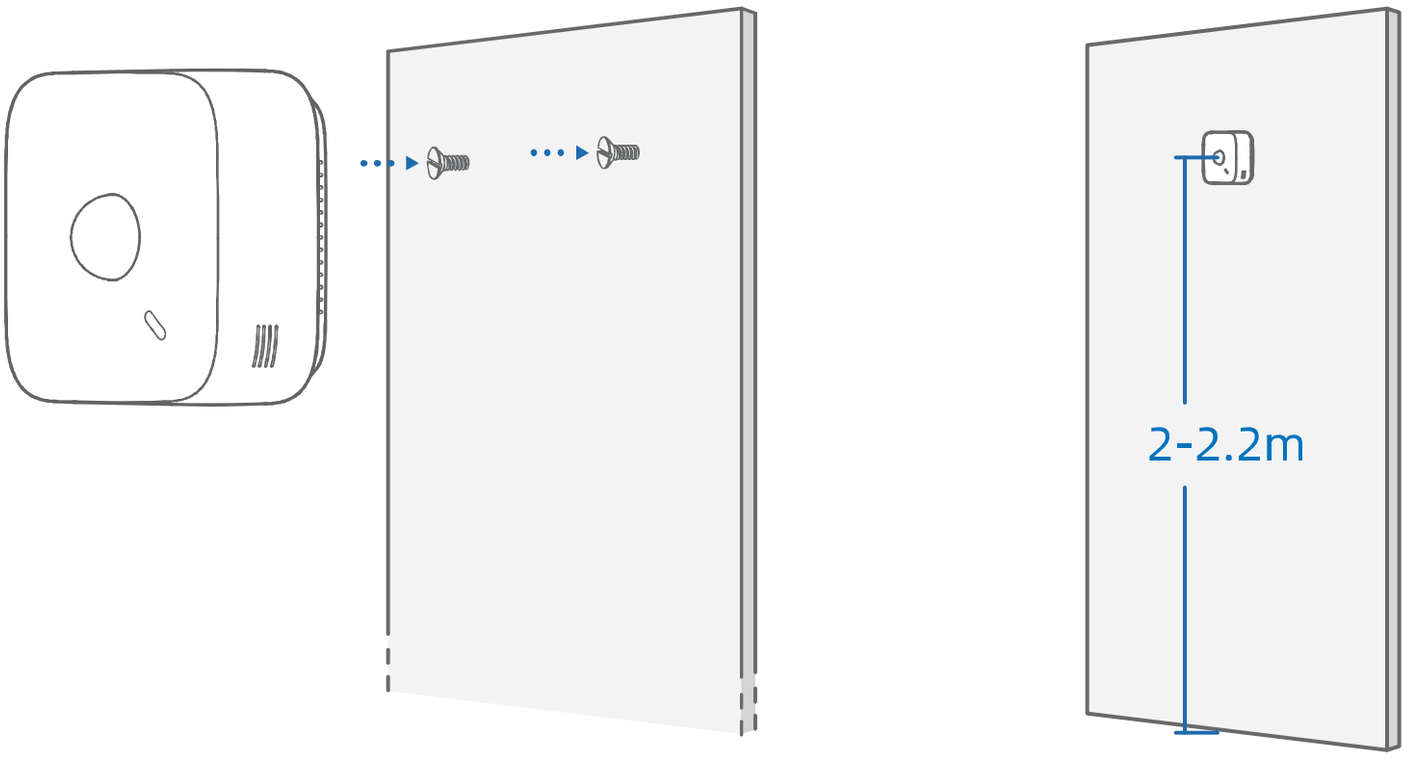
STEP 3.

Turn on your phone's Bluetooth first. According to the prompt in the APP, fill in the current WiFi password and tap "Next Step". After the progress bar is completed, the setup finishes.

⚠ If the setup fails, make sure that the indicator flashes alternately red and blue. Make sure that the WiFi is 2.4GHz and the password is entered correctly.

Device Installation

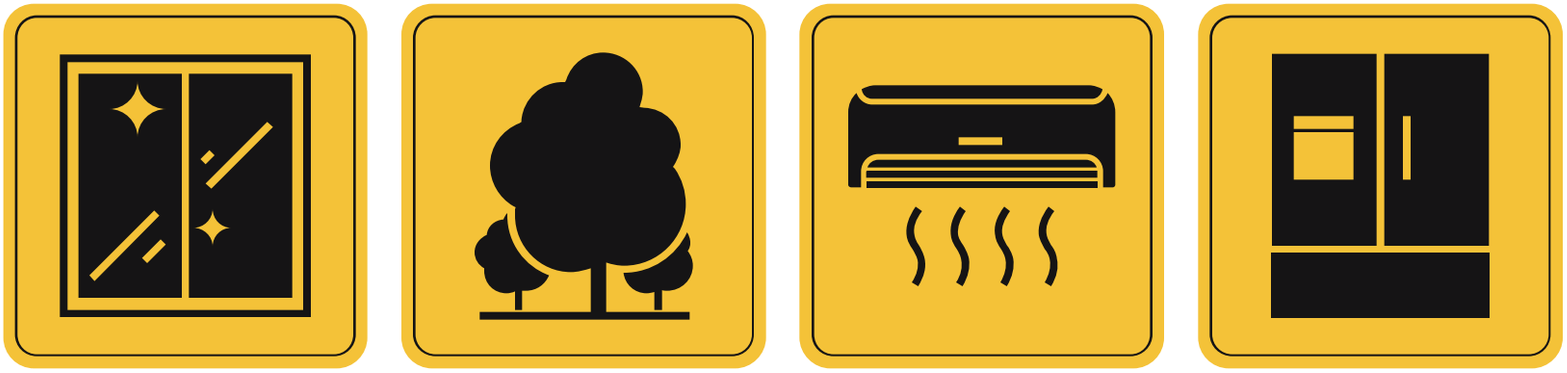
This product is a wall-mounted type, and the best performance can be achieved when the deployment position is 2 to 2.2 meters high, measured from the floor.



Notes

For better monitoring results, please pay attention to the following when deploying the device:

- Do not face glass doors and windows;
- Avoid facing large objects that are prone to swinging, such as trees and tall shrubs;
- Should not be opposite to any hot or cold vents or sources;
- Keep away from air conditioners, refrigerators, stoves, and all places where air temperature can easily fluctuate.



Warranty Information

This device is warranted to be free of defects in materials and workmanship for a period of up to one year from the original purchase date.

The following situations are not covered by the warranty:

① Issues arising after the warranty period has ended.

② Malfunction or damage caused by improper handling or not operating the device according to the instructions.

③ Damage occurring from operating device outside the recommended temperature and humid ity range, damage from contact with water, damage from applying excessive force to the device or any cables and connectors.

④ Natural wear and aging of materials.

⑤ Failure or damage caused by unauthorized removal of the product.

⑥ Failure or damage caused by *force majeure*.

⑦ Other faults or damage not caused by product design, technology, manufacturing, quality, etc.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device,Pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

ISED Statement

- English: This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.
The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).
- French: Le présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareildoit accepter tout brouillageradioélectriquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.
l'appareil numérique du ciem conforme canadien peut - 3 (b) / nmb - 3 (b).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.
This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé.
Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.