zigbee WiFi

Powered by tuya Intelligence Inside



Human Presence Sensor

Thank you for purchasing and using this product.

Please read the instructions carefully before using the product and use the product correctly. In order to avoid damage to the equipment, we are not responsible for any consequences caused by abnormal operation.

Product Overview:

Welcome to Tuya Human Presence Sensor, an upgraded product that breaks through the limitations of traditional infrared technology and realizes "stillness can be sensed"
by millimeter-wave radar for full-area monitoring; AAA*3 batteries are used for battery power supply, which lasts for up to 360 days (10 reports per day); Physical switch design, WiFi/Zigbee dual versions are available;
Bring smarter, safer and more convenient solutions for smart home, commercial space, elderly guardianship and other scenarios.

Product Parameters:

Product Name: Human Presence Sensor

Wireless Protocol: Zigbee3.0 / 2.4GWiFi

Battery Type: AAA*3(not included)

Motion detection range: 0~600cm

Fixed detection range: 0~400cm

Transmission Frequency: 24GHZ

Operating Temperature: -10°C~50°C

Operating Humidity: 0%~95%RH

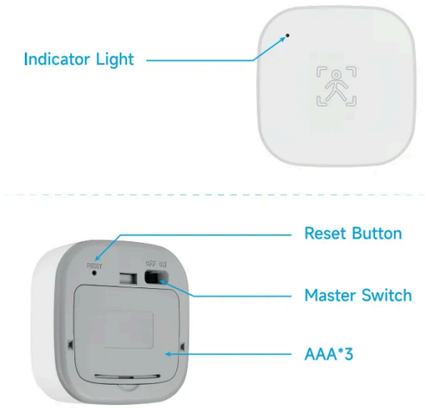
Product list:

Human presence sensor X1

User manual X1

Double-sided adhesive X1

Product Schematic:



Device connection:

-> WiFi version:
Need to connect 2.4GWiFi to use.

-> Zigbee version:
Need to be used with Tuya Zigbee gateway.

Download APP

Scan the QR code below to download or search "Tuya Smart" or "Smart Life" in the app store to download and install the app, complete the registration and log in your account.

WiFi connection

1. Connect your cell phone Wi-Fi (2.4G signal)
2. Enter the power distribution state
(press the reset button, the LED light blinks rapidly)
3. Open the APP, click "Add Device".
4. Find the device, click "Add", wait for the device to be added.
5. To show the completion of adding, please click "Next", then click "Finish".

Zigbee connection

1. Prerequisite operation and compatibility with Zigbee Smart Gateway settings.
Zigbee Smart Gateway Open the Smart Life app, click on Zigbee Gateway, click on Add Sub-device, then select Tuya Human Presence Sensor or Other Sensor and follow the on-screen instructions to continue.

2.Make sure your phone is connected to a Wi-Fi network,
Tuya Human Presence Sensor is as close as possible to the Zigbee Smart Gateway, press the reset button on the
Tuya Human Presence Sensor, the LED indicator will flash rapidly and then enter the automatic networking mode, follow the instructions.

Installation Guide:

Battery installation

Push up to remove the base, open the battery compartment cover, load AAA*3 batteries according to the positive and negative markings, close the battery compartment cover.

Fixing method

Use double-sided tape to fix the base in the position you want to install, and then the sensor corresponding to the base.

Function Operation:

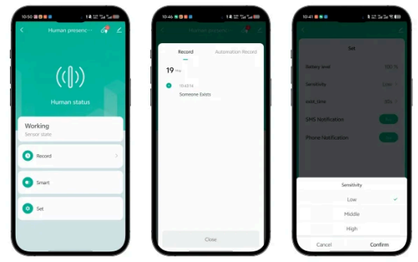
Physical master switch:

Toggle the button on the back of the sensor
to turn off and stop the device with one key, and flexibly control the state of the device.



APP control:

Through APP real-time view of the device status, adjust the parameter settings, linkage smart home and so on.



Frequently Asked Questions:

The device can not be connected to the network.

a. Make sure the WiFi is 2.4GHz band, and the Zigbee version needs to be close to the gateway (≤10 meters).
b. Reset the device: Press the reset switch, the indicator light will blink, and reconnect to the network.

Frequent false triggering

Check whether the installation position is facing the interference sources such as fans, plants, etc., adjust the angle or mark the "interference area".

Battery draining

If the average number of reports exceeds 10 times per day, the battery life may be shortened, it is recommended to adjust the reporting frequency.

Device is offline

a. Check whether the wiFi or Zigbee network is normal, restart the router or gateway.
b. Check if the battery is fully charged and replace it promptly.