



Tuya ZigBee PIR Motion Sensor Smart Ceiling-Mounted



Features:

- Accurate detection of dynamic/static
- Human presence
- This product solves the pain points that traditional human sensors cannot detect the presence of a static human body. Using advanced infrared technology, it can accurately detect whether there are people in the area, whether it is active or static.
- Perceived light intensity.
- Intelligent adjustment of lights.
- Accurately perceive the indoor light intensity, automatically adjusts the brightness of the light according to the brightness of the indoor light, controls the light switch, and through detection, it is truly realized that the lights are on and the lights are off when people are walking.
- Built-in multiple people and brightness sensors, through the MFAI intelligent algorithm can be refined
- Quasi-identify the presence of people in the room. Conical detection range, suitable for room area of 6-25 square meters, sensing angle of 360 degrees. The diameter of the human body sensing range is 5 meters (installation height 2.8 meters, ground projection)
- Mobile APP-key control
- You can view indoor movement in real time through your mobile phone, and you can view the opening and closing conditions of indoor lights in real time.
- With other smart devices, it can realize rich automation and scene control. Zigbee gateway makes smart hardware respond faster and control smoother. Can still be used even if the network is disconnected.

Specifications:

- Wireless Type: zigbee
- Power Input: AC200V
- Transmitting Power: 2.4GHz
- Communication Distance: 100m (open environment)
- Detection Angle: $\leq 90^\circ$
- Light Detection: support
- Working Temperature: $-10^\circ\text{C} \sim 55^\circ\text{C}$

- When disassembling, you need to be very careful, otherwise the built-in circuit is easy to disconnect
- Smart Home Platform: Alexa, Tuya, Google Assistant
- Wireless Standard: Zigbee 802.15.4
- Housing Material: ABS
- Battery Time: 2 years

Installation Considerations:

1. Applicable room area and sensing range

Applicable room area 6-25 square meters, the longest side of the room must be less than 5 meters. The sensing angle is 360°, the diameter of the human body sensing range is about 5 meters (installation height is 2.8 meters, ground projection).

2. Description of product installation requirements:

The product must be installed on the roof, vertically downwards; the installation height range is 2.4-3.5 meters.

The installation location must be 1.5-2.5 meters away from the door.

The installation location must be at least 0.5 meters away from the edge of the house and within 0.5 meters from the side of the center of the room.

After installation, please rotate the product and adjust the inclination so that the sensor on the side faces the center of the door.



Human presence sensor

Infrared radar, Illumination perception, Intelligent linkage, Remote alarm

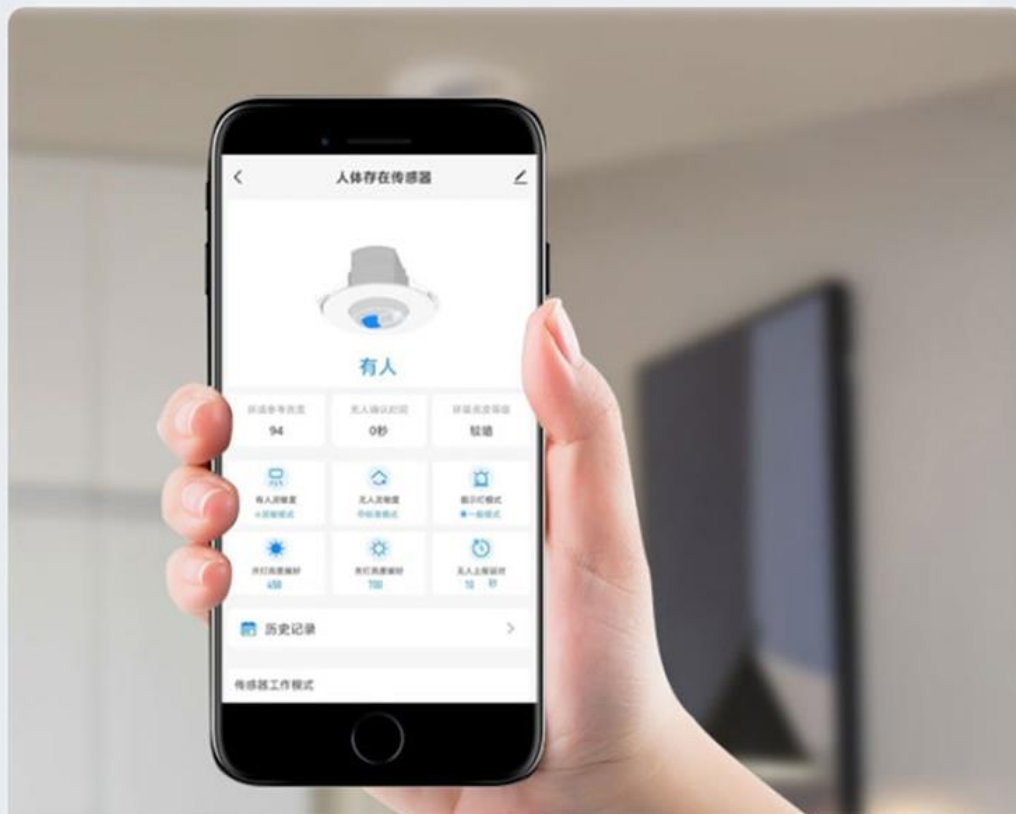
Powered By



This product needs to be used with a device with Zigbee gateway function

Perceived light intensity Intelligent adjustment of lights

Accurately perceive the indoor light intensity, but automatically adjust the light brightness according to the brightness of the indoor light



Mobile app, one key control

The mobile phone can view the indoor movement in real time, and can view the opening and closing of indoor lights in real time.

MAFI accurately recognizes and perceives subtle movements of people or animals in a wide range

Built-in multiple people and brightness sensors, through the MFAI intelligent algorithm can accurately identify the presence of people in the room



Accurate detection of dynamic / static / human presence



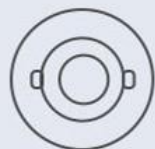
High-precision human
sensor



Ordinary human sensor

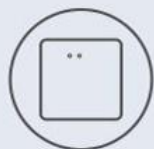
Automatic light on when the human body moves

The human presence sensor is combined with the gateway + smart wall switch to detect the presence of a human body in the bathroom and turn on the light. After the person leaves the bathroom, the light is automatically turned off



Human presence sensor

+



Zigbee gateway

+



Smart switch



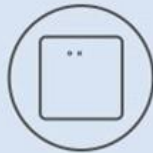
Security scene

When going out and not at home, set the mode away from home, detect an abnormal break-in, and send out a warning by linking with a siren. At the same time, linking with a camera to capture a video and push it to the mobile APP



Human presence sensor

+



Zigbee gateway

+



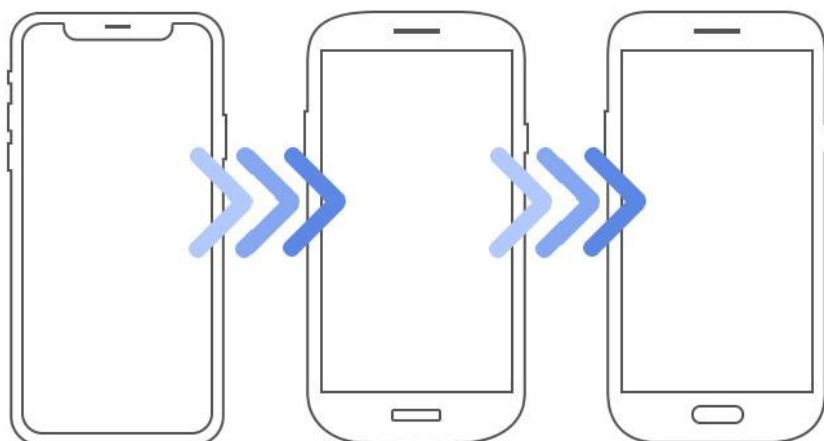
Smart switch



Multi-person sharing, smart life

Multiple mobile phones can control the same device without re-pairing, directly share existing devices

Find open Tuya APP-me in
the lower right corner-family management-family-add members



PRODUCT INFORMATION

Wireless type

Zigbee

Transmit power

2.4 GHz

Communication distance

100 meters (open environment)

Detection radar

Millimeter wave

Doppler radar

Detection angle

<90°

Light detection

support

Power input

AC220V

Working temperature

-10-+55° C

Appearance size

Φ80*Φ65*45 mm

Product photo display





Made in China