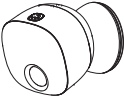


Human Presence Sensor
(HP222-ZT)
User Start Guide



* Please read this guide carefully and keep it in a safe place.

Product Precautions and User Notes

- Warnings:**
Before using and operating, please read and follow the precautions below to ensure optimal device performance and to avoid danger or illegal situations.
- This product is NOT a toy. Please keep children away from this product.
 - This product is designed for indoor use only. Do NOT use it in humid environments or outdoors.
 - Beware of moisture, do NOT spill water or other liquids onto the product.
 - Do NOT place the product near a heat source. Do NOT place it in an enclosure unless there is normal ventilation.
 - Do NOT attempt to repair this product by yourself. All repairs should be performed by an authorized professional.
 - This product is only suitable for improving the entertainment, and convenience of your home life and reminding you about the device status. If a user violates the product use instructions, the manufacturer will NOT be liable for any risks and property losses.
 - This product is an auxiliary detection device and cannot 100% identify falls or abnormal breathing and heart rate behaviors. Actual use may be affected by environmental factors, software versions, and usage conditions, and it cannot guarantee safety. This product is not a medical device and does not have diagnostic or therapeutic functions. The results and prompts are for reference only; please rely on actual usage.

1

User Notes:

The illustrations of the product, accessories, and user interface in the manual are schematic and for reference only. Due to product updates and upgrades, there may be slight differences between the actual product and the schematic illustrations. Please refer to the actual product for accuracy.

Battery Safety Notes:

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Use the same type. Refer to the rating in the product or manual coin battery for replacement. Otherwise, it might cause damage.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 50 °C, or incinerate. Doing so may result in injury due to swelling, leakage, or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries. Such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

2

- Do not ingest battery. Chemical Burn Hazard.
- This product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

WARNING

- INGESTION HAZARD:** This product contains a button cell or coin battery.
- DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **internal chemical burns** in as little as 2 hours.
- KEEP** new and used batteries **OUT OF REACH OF CHILDREN**
- Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

3

CE: Hereby, Earda Technologies Co., Ltd declares that the radio equipment type HP222-ZT is in compliance with Directive 2014/53/EU. The M test of the EU declaration of conformity is available at the following internet address: <http://www.earda.com>

WEEE Disposal and Recycling Information

All products bearing this symbol are waste electrical and electronic equipment (WEEE) as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points. Under normal use of condition, this equipment should be kept a separation distance of at least 20cm between the antenna and the body of the user.

Federal Communications Commission (FCC) compliance statement:
1. 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.

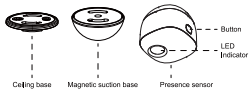
4

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: 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. RF Exposure statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

5

Product Introduction

The Human Presence Sensor (HP222-ZT) is a sensor designed to detect human activity information within a spatial area. It can perform functions such as human detection, interference source shielding, and light selection. Through Wi-Fi communication, it can achieve automation and trigger custom scene images.



LED Indicator

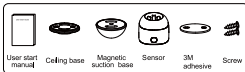
- Green light flashing: The device is in network configuration mode. (The flashing will stop if the network configuration times out after 3 minutes.)
- Red light flashing: The red light flashes rapidly once to indicate someone's presence.

6

Product Specification

Name	Human Presence Sensor
Model No.	HP222-ZT
Wireless Standards	IEEE 802.15.4, 2.4GHz Zigbee 3.0
Radar Frequency Band	60GHz ~ 60.5GHz
Max. RF output power	Radio 13dBm, Zigbee 3.0dBm
Battery Type	CR2450
Battery Rated Voltage	3V
Dimensions	44 mm x 44 mm x 51.5 mm
Net Weight	40g (Without battery)
Operating Temperature	-10°C to 50°C
Working Humidity	0 to 95% (non-condensing)

Packing List



7

Product Installation

Installation position requirements:
When installing the device, it is essential to position the radar beam away from or avoid interference sources such as curtains, fans, air conditioners, metal objects, green plants, water features, and air outlets.
If it is not possible to avoid these sources, please designate the area as an interference zone within the App.

Avoid installing and using in the following scenarios:

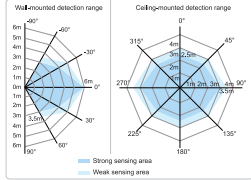
- Environments with temperatures below -10°C or above 50°C.
- Humid environments with humidity ≥ 95%.
- Environments with dust or corrosive gases.
- Near air conditioning vents or outlets.
- On ceilings with insulation construction.
- Places with vibrations or impacts.
- On sloping or uneven surfaces.
- Outdoors or in direct sunlight.

Detection range:

- Min. detection distance: 0.3m (with reference to a human target)
- Max. movement detection distance: 5m (with reference to a human target)
- Max. presence detection distance: 5m (with reference to a human target)
- Detection angle: approximately 120°

8

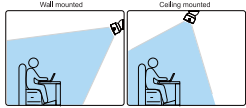
* Select the optimal mode based on daily detection needs and start installing.



9

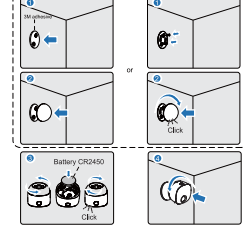
Installation

1. Secure the ceiling base to an appropriate area on the wall or wall ceiling using adhesive or screws.
2. Use a button battery to open the battery compartment cover, install the battery, and reinstall the compartment cover.
3. Attach the magnetic suction base to the top mounting base.
4. Place the sensor on the magnetic suction base and adjust the detection direction according to actual usage.



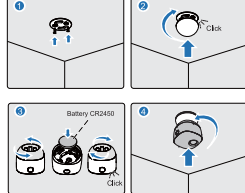
10

Method 1: Wall mounted



11

Method 2: Ceiling mounted



12

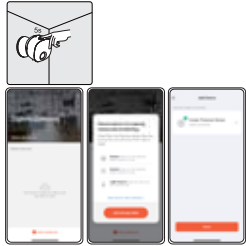
Product Network Configuration

Software Installation
According to the mobile phone operation system, find "Smart Life", in the Android or Apple store, download the App, register a personal account and log in.
1. Scan the QR code and install the opened app on your smartphone.
2. Android phone users: Search for Smart Life in Google Play.
3. iPhone users: Search for Smart Life in the App Store.



- Adding device**
1. Open the App on your mobile phone and select "Add Device" to enter the network search page.
 2. Press and hold the button on the device for 5 seconds to enter the network mode, with the indicator light flashing.
 3. Open the gateway panel to search for devices. After finding the sensor, add it to complete the network configuration. (You need to purchase a ZigBee gateway before use.)

13



14

1. Go to the device control panel and follow the App's guide to complete the radar's initial setup.
2. After calibrating the radar, then it can be used normally.



15