

Aqara PSS03 Presence Sensor FP1E



## Aqara PSS03 Presence Sensor FP1E User Manual

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**Aqara PSS03 Presence Sensor FP1E**



## Product Information

### Presence Sensor FP1E

The Presence Sensor FP1E is a sensor designed for accurately detecting the presence of human objects in a space. It utilizes millimeter-wave radar technology combined with advanced AI algorithms to provide features such as spatial background learning, interference source identification, and sensitivity adaptation.

### Key Features

- Sensor for detecting human presence
- Millimeter-wave radar technology
- Advanced AI algorithms for accuracy
- Spatial background learning
- Interference source identification
- Sensitivity adaptation

*\*This device requires use with the Aqara Home app and Aqara Hub.*

### Specifications

- **Input Power:** 5V 1A
- **Model:** PS-S03D / PS-S03E
- **Ports:** USB-C
- **Wireless Protocols:** Zigbee
- **Radar Operation Frequency:** 60-61 GHz
- **Radar Maximum Output Power:** 20 dBm (EUregion)
- **Zigbee Operation Frequency:** 2405-2480 MHz
- **Zigbee Maximum Output Power:** 13 dBm
- **Operating Humidity:** 0 ~ 95% RH, no condensation

## Product Usage Instructions

### Quick Setup

1. Before activating the device, ensure you have the Aqara Home app downloaded and the Aqara Hub installed.
2. Power on the Presence Sensor FP1E and press and hold the reset button for 5 seconds until the LED indicator blinks, then release it to enter pairing mode.
3. Open the Aqara Home app, tap Home, then tap + in the top-right corner to access the Add Device (Accessory) page.
4. Select Presence Sensor FP1E or scan the installation code on the device to add it following the instructions.
5. If the connection fails, move the device closer to the Hub and try again.

*\*For detailed instructions, scan the QR code provided to download the electronic manual.*

### Warnings

1. This product is NOT a toy. Keep away from children.
2. Designed for indoor use only. Do NOT use in humid environments or outdoors.
3. Avoid moisture; do NOT spill water or liquids onto the product.
4. Keep away from heat sources and ensure proper ventilation if placed in an enclosure.
5. Do NOT attempt self-repairs; consult an authorized professional for any repairs.

### FAQ

- **Q: What should I do if the device fails to connect?**

A: If the connection fails, please move the device closer to the Hub and try again.

- **Q: Can this product be used outdoors?**

A: No, this product is designed for indoor use only. Do NOT use it in outdoor or humid environments.

### Install Code

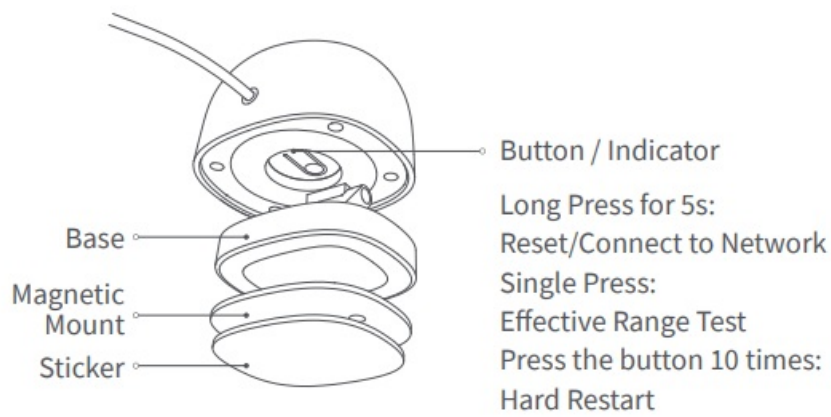
For more detailed product usage documents, please scan the QR code to download the electronic manual



## Product Introduction

Presence Sensor FP1E is a sensor designed for accurately detecting the presence of human objects in space. Combining millimeter-wave radar technology with advanced AI algorithms, it features functions such as spatial background learning, interference source identification, and sensitivity adaptation.

\*This device requires use with the Aqara Home app and Aqara Hub



## Quick Setup

1. Before activating the device, please make sure you have the Aqara Home app downloaded and Aqara hub installed.
2. Power the Presence Sensor FP1E, press and hold the reset button for 5 seconds until the LED indicator starts blinking, and release it. The device will enter pairing mode.
3. Open the Aqara Home app, tap “Home” and then tap “+” in the top-right corner to enter the “Add Device (Accessory)” page. Select “Presence Sensor FP1E” or scan the installation code on the device and add it according to instructions.
4. For details, please scan the QR code below to get the detailed electronic manual.



\* If the connection fails, please move the device closer to the Hub and try again.

## Specifications

- Presence Sensor FP1E
- Model: PS-S03D / PS-S03E
- Ports: USB-C
- Input Power: 5 V  $\approx$  1 A
- Made in China
- Wireless Protocols: Zigbee
- Specifications
- Radar Operation Frequency: 60-61 GHz
- Radar Maximum Output Power  $\leq$  20 dBm (Only applicable to the EU region)
- Zigbee Operation Frequency: 2405-2480 MHz
- Zigbee Maximum Output Power  $\leq$  13 dBm
- Dimensions: 57 × 50 × 37 mm (2.24 × 1.97 × 1.46 in.)

- Operating Temperature: -10 °C ~ 40 °C (14 °F ~ 104 °F)
- Operating Humidity: 0 ~ 95% RH, no condensation
- What is in the Box: Presence Sensor FP1E × 1, User Manual × 1,
- Sticker × 1, Magnetic Mount × 1;

## Warnings

1. This product is NOT a toy. Please keep children away from this product.
2. This product is designed for indoor use only. Do NOT use it in humid environments or outdoors.
3. Beware of moisture, do NOT spill water or other liquids onto the product.
4. Do NOT place this product near a heat source. Do NOT place it in an enclosure unless there is normal ventilation.
5. Do NOT attempt to repair this product by yourself. All repairs should be performed by an authorized professional.
6. This product is only suitable for improving the entertainment, 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.



## EU Declaration of Conformity

Hereby, [Lumi United Technology Co., Ltd] declares that the radio equipment type [Presence Sensor FP1E, PS-S03D / PS-S03E] are in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://www.aqara.com/DoC/>



## 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.

**FCC ID:** 2AKIT-PSS03

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.
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.

**IC 22635-PSS03**

#### **IC NOTICE TO CANADIAN USERS**

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

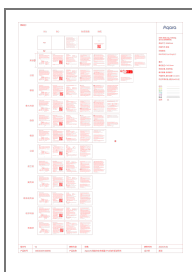
1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device. This Class B digital apparatus complies with Canadian ICES-003.

This device complies with RSS-247 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with 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.


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- Email: [support@aqara.com](mailto:support@aqara.com)

#### **Documents / Resources**



[Aqara PSS03 Presence Sensor FP1E](#) [pdf] User Manual  
PSS03 Presence Sensor FP1E, PSS03, Presence Sensor FP1E, Sensor FP1E, FP1E

## References

-  [Aqara Smart Device Product Support](#)
-  [Тех. поддержка | Aqara](#)
- [User Manual](#)

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