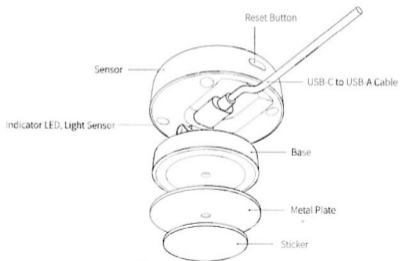


Product introduction

Presence Sensor FP2 is a product which features presence detection, multi-person positioning and fall detection.

*This device requires to be used with the Aqara Home app.

*If local automation is needed, this product should be used with a Hub with Wi-Fi Local Automation features.



01

Device Binding & Initialization

1. A smartphone or tablet that supports Wi-Fi or cellular networks (with iOS or Android system) is required.
2. Please make sure that there is a Wi-Fi connection and your internet connection is stable.
3. If local automation is needed, an Aqara hub with Wi-Fi Local Automation features is required (The distance between this product and your hub should be within 7-10m).
4. Download the Aqara Home app: Search for "Aqara Home" in the Apple App Store, Google Play, Xiaomi GetApps, Huawei App Gallery, or scan the following QR code to download the Aqara Home app.



Open the app, tap "+" in the upper right corner of the homepage to enter the page of "Add the device". Choose "Presence Sensor FP2" and then install the device according to the instructions.

* Due to upgrades and updates of the Aqara Home app, the actual operations may differ from the above description. Please operate it according to the instructions of the Aqara Home app.

02

5. Connect the FP2 with the Type-C sensor power cord, then insert the sensor cord into the USB-A port of an adapter, outlet or other power supplying device.
6. Long press the reset button for 10 seconds to reset FP2. Click 10 times to restore the factory settings, which shall clear all settings and network data.
7. When the indicator light flashes yellow, the device starts network searching.
8. For more details about the product, please visit <https://www.aqara.com/> or scan the QR code below to get the detailed electronic manual.



Product Specifications

Presence Sensor FP2

Model: PS-S02D/PS-S02E

Wireless Protocols: Wi-Fi IEEE 802.11 b/g/n 2.4 GHz, Bluetooth 4.2

Wi-Fi Operation Frequency: 2412-2472 MHz

Wi-Fi Maximum Output Power: ≤ 20 dBm

Bluetooth Operation Frequency: 2402-2480 MHz

Bluetooth Maximum Output Power: ≤ 13 dBm

Radar Operation Frequency: 60-64GHz

Radar Maximum Output Power: ≤ 20 dBm(Only applicable to the EU region)

Dimensions: 64 × 64 × 29.5 mm (2.52 × 2.52 × 1.16 in.)

Operating Temperature: $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ($14^{\circ}\text{F} \sim 104^{\circ}\text{F}$)

Operating Humidity: 0 ~ 95% RH, no condensation

Protection Rating: IPX5

Ports: USB-C

Input Power: 5 V --- 1 A

What is in the Box

PS-S02D: Presence Sensor FP2 × 1, User Manual × 1, USB-C to USB-A Cable × 1, Metal Plate × 2, Sticker × 2, Screw Kit × 1

PS-S02E: Presence Sensor FP2 × 1, User Manual × 1, USB-C to USB-A Cable × 1, Metal Plate × 1, Sticker × 1, Screw Kit × 1

Manufacturer: Lumi United Technology Co., Ltd.

Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

Online Customer Service: www.aqara.com/support

Email: support@aqara.com



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 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.
5. Do not attempt to repair the product by yourself. All repairs should be performed by authorized personnel.
6. This product is designed only for improving the convenience of household life, and for status notifications. If the user violates the product instructions and this warning, the manufacturer is not responsible for any risks and property losses caused thereby.
7. 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.
8. Please select an adapter with a minimum output parameter of 5VDC 1A for collocation.



EU Declaration of Conformity

Hereby, [Lumi United Technology Co., Ltd] declares that the radio equipment type [Presence Sensor FP2, PS-S02D/PS-S02E] is 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/>.

UK Declaration of Conformity

UK CA Hereby, [Lumi United Technology Co., Ltd] declares that the radio equipment type [Presence Sensor FP2, PS-S02E/PS-S02D] are in compliance with Directive 2017 (SI 2017 No. 1206, as amended by SI 2019 No. 696).

The full text of the UK declaration of conformity is available at the following internet address:
<http://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.

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 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-PSS02E

IC:22635-PSS02D

IC NOTICE TO CANADIAN USERS

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-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 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.