



Aqara

## PRESENCE SENSOR FP2

Presence Sensor with Radar and Automation

REF : AQ-PS-S02D

EAN : 6970504219663

EXISTS IN : WHITE

### DESCRIPTION :

Aqara Presence Sensor FP2 uses cutting-edge millimeter-wave radar technology, which can accurately detect the presence of people even with slight movements. This technology ensures continuity and stability of the smart device. It also has the function of zone positioning, which allows for the automation of different conditions in different zones, such as beds and tables. One space can now be divided into up to 30 small zones and recognize up to five targets (Multi-person Detection). It can also control other smart home devices through ecosystems such as Apple Home to achieve wider applications. It features functions such as human fall recognition and a built-in light sensor. Likewise, it is a great helper that can truly combine the diversity of the user's home life and realize the automation of different personalities.

### STRENGTHS :

- **Zone Positioning:** It offers significant advantages over traditional PIR infrared motion sensors by using a single radar sensor to monitor rooms up to ca. 430sqft (ca. 40 m<sup>2</sup>)\*. Furthermore, you can divide it into up to 30 zones, such as sofa, bed, or desktop. Additionally, you can set up individual automation for each zone. It is as if you were using several PIR motion sensors simultaneously with one Presence Sensor, FP2.
- **Multi-person Detection:** Up to 5\*\* target people can be detected simultaneously. The result is that, while dividing the space, it can also respond automatically according to the position of different people without interfering with each other.
- **Ultra-High Precision:** Privacy and detection accuracy are taken into consideration. It is capable of recognizing non-inductive signal detection without collecting real images. Automation, in general, can be achieved locally. Millimeter-wave radar technology is more stable than infrared sensor detection, even when you're sitting or sleeping.
- **Control Other Devices via HomeKit, etc.:** The FP2 is exposed as multiple sensors in HomeKit (and Home Assistant), Alexa and Google Home. You can integrate the sensor easily without requiring a hub, which is apparently the best solution for smart home enthusiasts to expand your smart home setup.\*\*\*\*
- **Fall Detection and Alerts\*\*\*:** When someone in a room falls, the FP2 can detect and notify you. It is made in the most private and convenient way possible, without the need to wear any devices or install a camera for constant monitoring. There is a circle with a radius of 2 meters, and the accuracy of fall detection is >98%. The recommended installation height is 2.5 m-2.8 m.
- **Built-in Light Sensor:** Fully functional light detection sensor in the Aqara ecosystem. With it, lighting automation becomes much more flexible and enjoyable. The built-in light sensor also allows for advanced darkness-based home automation.

- Local Automation & Flexible Installation Ways: After the setup is complete, the product runs locally. FP2's automation will still run as originally set if there is occasional Wi-Fi network instability. And it better protect your privacy. It has several installation methods to adapt in various installation scenarios.
- IPX5 and Hidden USB-C Port: Because of its IP rating, the sensor can also be installed in wet environments such as bathrooms. The sensor has an open USB-C port, which allows you to swap the included cable to any USB-C compatible one, increasing the placement flexibility

## CHARACTERISTICS :

- Recognition Range Wall mounting: 8 meters in the radial direction, with a horizontal angle of 120°, tracking up to 5 targets. Ceiling mounting: A circle with a radius of 2 meters, the accuracy of fall detection > 98%
- Power Supply DC 5V 1A, Type-C ports
- Wireless Protocol Wi-Fi IEEE 802.11 b/g/n 2.4 GHz, Bluetooth 4.2  
\*Bluetooth is available for the future feature as Matter
- Operating Temperature -10°C ~ 40°C
- Operating Humidity 0~95% RH, non-condensing
- Protection Rating IPX5