



Aqara

## PRESENCE SENSOR FP1E

FP1E Presence Sensor with mmWave Radar and AI Technology

REF : AQ-PS-S03D

EAN : 6975833356478

EXISTS IN : WHITE

### DESCRIPTION :

Experience seamless home automation with the Aqara Presence Sensor FP1E, equipped with mmWave Radar technology and AI for unmatched presence detection. Its quick setup integrates effortlessly with smart home hub, enabling instant, accurate automations without the need for complex configurations. Enhance your home's convenience and security with minimal effort, ensuring peace of mind.

### STRENGTHS :

- **Ultra-Precise mmWave Radar Sensor:** Equipped with advanced mmWave Radar technology, the FP1E outperforms traditional PIR sensors in sensitivity and speed, detecting subtle movements with a response time of 200 ms. It offers an adjustable 120° wide field of view, covering up to 50 m<sup>2</sup> for ceiling installations and 35 m<sup>2</sup> for lateral installations, ensuring complete and adaptable monitoring for various home environments.
- **Improved Precision with AI:** Optimize your home automation with our AI-powered technology that intelligently filters common interferences like curtains, fans, and small pets, ensuring highly accurate detections without false alerts. Simple setup and adaptive sensitivity allow your device to intelligently adjust to each space, maintaining

precision and reliability.\*

- **Easy Installation for Everyone:** The FP1E presence sensor offers exceptionally simple and quick installation, requiring just one minute to go from setup to full operation. Its intuitive interface eliminates the need to adjust sensitivity or manage interference, making it accessible and hassle-free for both beginners and experienced users.
- **Versatile Mounting Options:** Easy installation on any surface—walls, ceilings, or corners—combined with AI technology and a rotating head, ensuring reliable and interference-free detection in every space.
- **Detection of Moving and Stationary Status:** The FP1E presence sensor enhances home automation by detecting movements and stationary statuses, enabling personalized automations.\*\* It sends movement reminders after a long period of inactivity, encouraging better habits. In active scenarios like parties, it lowers the air conditioning temperature.
- **Multi-Ecosystem Support with Matter:** An Aqara Zigbee 3.0 Hub is required, except when using the Camera Hub G2H. The hub is sold separately. When paired with an Aqara Zigbee 3.0 hub (other than the Camera Hub G2H Pro), the FP1E presence sensor supports Matter-over-bridge\*\*\* and is compatible with major third-party platforms such as Apple Home, Alexa, Google Home, SmartThings, Home Assistant, IFTTT, and Homey.

#### Warnings:

\* Occasional false detections due to interference may occur during the initial use. However, the AI's spatial learning capabilities will continue to improve automatically over time.

\*\* This is an exclusive feature of the Aqara Home app.

\*\*\* Matter-over-bridge support requires a Matter controller for the corresponding ecosystem.

## CHARACTERISTICS :

- **Wireless Protocols**  
Zigbee
- **Radar Operation Frequency**  
60-61 GHz
- **Radar Maximum Output Power**  
≤ 20 dBm (Only applicable to the EU region)
- **Zigbee Operation Frequency**  
2405-2480 MHz
- **Zigbee Maximum Output Power**  
≤ 13 dBm
- **Dimensions**  
57 × 50 × 37 mm
- **Operating Temperature**  
-10 °C ~ 40 °C (14 °F ~ 104 °F)
- **Operating Humidity**  
0 ~ 95% RH, no condensation



- **Ports**

USB-A

- **Input Power**

5 V~1 A

- **What is in the Box**

Presence Sensor FP1E × 1, User Manual × 1, Sticker × 1, Magnetic Mount × 1