

Aqara

## PRESENCE SENSOR FP1E

FP1E Presence Sensor with mmWave Radar and AI Technology

REF : AQ-PS-S03D

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-Accurate mmWave Radar Sensor:** Equipped with advanced mmWave Radar technology, the FP1E surpasses traditional PIR sensors in sensitivity and speed, detecting subtle movements with a 200 ms response time. It offers a wide, adjustable 120° field of view, covering up to 50 m<sup>2</sup> for ceiling installations and 35 m<sup>2</sup> for side installations, ensuring comprehensive and adaptable monitoring for various home environments.
- **Enhanced Precision with AI:** Boost your home automation with our AI-driven technology that smartly filters out common interferences like curtains, fans, and small pets, ensuring highly accurate detections without false alarms. Effortless setup and adaptive sensitivity mean your device intelligently conforms to any space, maintaining precision

and reliability.\*

- **Hassle-Free Setup for All:** The Presence Sensor FP1E offers users an exceptionally easy and quick setup, requiring just one minute to transition from installation to full operation. Its intuitive interface eliminates the need for adjusting sensitivity or managing interference, making it accessible and hassle-free for beginners and experienced users alike.
- **Versatile Mounting Options:** Effortless installation on any surface—walls, ceilings, or corners—combined with AI technology and a rotatable head, ensures reliable and interference-free detection in every space.
- **Detection of Moving and Still Status:** The Presence Sensor FP1E enhances home automation by detecting movement and still status, enabling custom automations.\*\* It sends reminders to move after prolonged sitting, promoting healthier 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 any Aqara Zigbee 3.0 hub (other than the Camera Hub G2H Pro), the Presence Sensor FP1E 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.

#### Disclaimers:

\* When the device is initially used, occasional false detections caused by interferences might occur. However, AI Spatial Learning capabilities will continue to improve automatically over time.

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

\*\*\* 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