

Aqara Presence Sensor FP2 – FAQ



What is the functionality of the Presence Sensor FP2?

The Aqara Presence Sensor FP2 can detect presence or absence of individuals, falls, entries, exits, movement towards or away, and illuminance. It also supports real-time tracking of multiple targets and allows for configurable zone settings.

Can the Aqara Presence Sensor FP2 detect multiple individuals?

Yes, the sensor supports tracking of up to three targets simultaneously.

What is the detection area of the FP2?

The detection area allows users to configure zone automation. It provides 320 cells, enabling users to designate specific zones (e.g., sofa, bathroom, study, dining table) as triggers for automation events. A maximum of 30 zones can be configured.

What is the purpose of the stickers included with the FP2?

The stickers help users identify the sensor's target areas more accurately. However, they do not influence the device's detection performance, only aiding subjective judgment.

What is the function of the interference source, entrance/exit, and edge settings, and are they necessary?

The FP2 uses millimetre-wave technology, which is highly sensitive to movement. Configuring these settings enhances detection accuracy:

- Interference Source: Mark objects like curtains, fans, or plants that may cause false alarms due to movement.
- Edge Settings: Mitigate false signals caused by reflections from walls or nearby objects. Areas outside walls should also be marked as edges.
- Entrance/Exit: These settings optimise target detection and deletion speed, improving user experience.

What does the button on the FP2 do?

- Press and hold for 10 seconds to reset the network.



- Press quickly 10 times to restore factory settings.

How do I add the Presence Sensor FP2 to Apple Home?

Open the Apple Home app, scan the Setup Code on the device, and follow the on-screen instructions.

Does the FP2 support local automation?

Yes, it supports local automation, provided it is connected to a hub running firmware version 3.5.0 or higher that supports Wi-Fi local automation.

What is the recommended distance between the FP2 and its hub? Can it penetrate walls?

The FP2 and the hub should be no more than 20 metres apart and connected to the same access point (AP). A maximum of two walls should separate them for optimal performance.

How can I verify if the FP2's installation position is correct?

1. After successful setup, check if the homepage displays a person icon, and confirm the motion path matches actual movement.
2. If absence is detected within 30 seconds of leaving the detection area, the position is suitable. Longer delays may indicate interference or an improper position.
3. Ensure the installation area is free of moving objects during initial setup to avoid false alarms.

Why does the FP2 sometimes go offline?

This could occur if the sensor is too far from the Wi-Fi router or obstructed by metal objects. Move the FP2 closer to the router and avoid placing it near metal barriers.

Tip: Regularly update the device firmware to maintain compatibility and stability.

How do I set up automation based on zone detection?

Once a zone is configured, you can use it to trigger automation:

1. Tap the "+" icon in the automation page.
2. Select FP2 > Zone Detection > Zone > Enter in the "IF" section.
3. Then select Light > Light On in the "THEN" section.
4. Save to complete the automation.

What is the FP2's detection range?

- Wall-mounted: Horizontal detection angle of 120° with a radial distance of 8 metres.
- Ceiling-mounted (2.8 metres high): Covers a radius of 2 metres.

What is approaching automation, and what are the distance settings?



Approaching automation allows users to configure events, such as turning on lights when approaching a zone. The three distance levels represent 1 metre, 2 metres, and 3 metres. Entering or leaving these thresholds triggers “approaching” or “going-away” events, respectively.