



## PRESENCE MULTI-SENSOR FP300

Multi-Presence PIR mmWave Thread Zigbee 5-in-1 Sensor with AI

REF : AQ-PS-S04D

EAN : 6975833357789

EXISTS IN : WHITE

### DESCRIPTION :

The Aqara Presence Multi-Sensor FP300 represents the cutting edge of smart detection, being the first battery-powered sensor that combines dual PIR and AI-powered mmWave detection with Thread/Zigbee support. This innovative 5-in-1 device integrates presence, brightness, temperature, and humidity sensors in one compact unit.

Thanks to its advanced dual detection technology (PIR infrared + 60GHz mmWave radar), it detects human presence with exceptional accuracy, recognizing even subtle movements when you're sitting or resting. With a wide 120° field of vision and range up to 6 meters, it covers entire rooms while intelligently filtering interferences like curtains, fans, and small pets.

### STRENGTHS :

#### Commercial Features:

- Dual PIR + 60GHz mmWave detection with artificial intelligence
- 5-in-1 sensor: presence, brightness, temperature, humidity and motion
- Long battery life: up to 3 years in Zigbee, 2 years in Thread
- Dual Thread and Zigbee protocol for maximum compatibility
- Compatible with Apple Home, Google Home, SmartThings without additional hub
- Wide 120° field of vision with 6-meter range
- Subtle movement detection (people sitting or at rest)
- Intelligent filtering of interferences (curtains, fans, pets)
- AI learning that improves over time reducing false alarms
- Versatile installation: wall, ceiling, magnetic surfaces, corners
- Compact and discrete design that integrates into any environment



- Customizable sensor and parameter configuration
- Complete automations for lighting and climate control
- Multi-axis support for optimal positioning
- Powered by 2 replaceable CR2450 batteries

## CHARACTERISTICS :

- **Dimensions:** 42 × 42 × 50 mm
- **Net weight:** 61g
- **Gross weight:** 94g
- **Package size:** 49 × 51 × 60 mm
- **Power supply:** 2 × CR2450
- **Battery autonomy:** Up to 3 years (Zigbee) / 2 years (Thread)
- **Wireless protocols:** Thread, Bluetooth, Zigbee
- **Operating temperature:** -10°C ~ 50°C
- **Supported humidity:** 0 - 95% RH, non-condensing
- **Detection technology:** PIR + mmWave 60GHz
- **Field of vision:** 120° (diagonal)
- **Detection range:** Up to 6 meters
- **Integrated sensors:** Presence, brightness, temperature, humidity, motion
- **Matter connectivity:** Compatible via Thread
- **Installation:** Wall, ceiling, magnetic surfaces
- **Hub compatibility:** Aqara Hub (Zigbee) / Thread Border Router (Thread)
- **Configuration:** Aqara Home App / Matter platforms