



Aqara Presence Sensor FP300 | Presence Sensor | Zigbee, Matter



link to the product:

<https://www.batna24.com/gb/p/sensors-and-detectors/aqara-presence-sensor-fp300-presence-sensor-zigbee-matter>

Price: **219.00 zł** gross / 178.05 zł net



Manufacturer: AQARA

Referention number: DNXXGJOQKLRMNHQ

Full product description

5-in-1 intelligent monitoring

The **Aqara FP300** occupancy sensor, featuring a fusion of millimeter wave (**mmWave**) and **PIR** (passive infrared sensor) technologies and advanced **AI machine learning**, eliminates the problem of false alarms. Even when you're sitting still, the light won't go out. Thanks to its **wireless design** and battery power (up to 3 years of operation), installation is **hassle-free**. Operating on **Thread/Zigbee** protocols, the device also offers light, temperature and humidity measurement to create complex automation for comfort, security and **energy savings**.



Key advantages of the 5-in-1 Aqara FP300 presence sensor

- **Eliminating false detections:** The combination of millimeter wave and motion sensor with AI ensures that the light stays on even when you are stationary, which takes care of your comfort.
- **Cost-effective and versatile:** Five sensors in a single chassis enables comprehensive management of your environment and saves the cost of purchasing multiple devices.
- **Secure protocols:** Support for **Thread** and **Zigbee** offers the flexibility to integrate with the most popular **smart home** ecosystems.
- **Personalized operation:** Advanced settings in the **Aqara Home** app (in Zigbee mode) help you customize the detection range and sensitivity to suit your individual needs.



Precision AI detection

The device uses dual detection: a **60GHz mmWave** radar and a passive infrared **PIR** sensor. This synergy makes the sensor accurately detect the slightest movement and even the state of rest. Thanks to AI, the **FP300** learns its surroundings, **filtering out disturbances** generated by curtains, fans or small animals. This continuous optimization of the algorithm contributes to exceptional automation stability in your **smart home**. The sensor offers a 120° field of view and a range of up to 6 meters, guaranteeing full room coverage.



No cables, long working time

Powered by two replaceable **CR2450** batteries and no need for wiring, it is easy to install anywhere. The FP300 offers **high energy efficiency** with its "dual sensor" mode, which reduces power consumption compared to traditional mmWave radars. It offers stable operation for up to 3

years in Zigbee mode and up to 2 years in Thread mode. Helps further extend battery life by being able to disable selected sensors in the **Aqara Home** app.



5 sensors in one

FP300 is a 5-in-1 sensor that takes care of comprehensive monitoring of your environment. It integrates presence detection (PIR and mmWave) with **lighting, temperature** and **humidity** measurements. One compact product enables complex scenarios, such as automatically turning on air conditioning when the temperature is high or adjusting light intensity according to outdoor conditions. This combination of functions **saves budget** and space, eliminating the need to purchase multiple **environmental sensors**.



Thread and Zigbee

As a dual protocol **Thread/Zigbee** sensor, the FP300 guarantees wide compatibility. In **Thread** mode, it can directly connect to platforms such as **Apple Home, Google Home** and **SmartThings** without the required Aqara hub. **Zigbee** mode, on the other hand, opens up access to advanced, **exclusive features** in the Aqara Home app and enables easy integration into an existing system based on the classic **Aqara Hub**.



Ease and flexibility of installation

The compact size (**42 x 42 x 50 mm**) and **wireless operation** make installation extremely easy and versatile. The included **multi-axis bracket** and metal plate allow installation on walls, ceilings, in corners or on metal surfaces. The ability to **adjust the detection angle** takes care of optimal room coverage, and its discreet aesthetics integrate seamlessly into any interior.



The Aqara FP300 presence sensor is the perfect solution for:

- Users of **Apple Home**, Google Home or SmartThings systems looking for native **Thread** support.
- Individuals who want to create **advanced automation** based on continuous, stable detection of presence, not just motion.
- **Smart home** owners who want to reduce the number of sensors by using **5-in-1** functionality (presence, light, temperature, humidity).
- Those who value **wireless installation** and long-lasting battery power to minimize maintenance.