

Aqara

## MOTION AND LIGHT SENSOR P2

Infrared and Light Detector with Thread Protocol, Matter-  
Compatible

REF : AQ-ML-S03D

EAN : 6970504219656

EXISTS IN : WHITE

### DESCRIPTION :

Discover the Aqara P2, a smart device combining an infrared motion sensor and a light sensor, based on the advanced Thread protocol. Equipped with two long-lasting CR2450 batteries thanks to Aqara's low-power technology, it ensures extended use. Compatible with the Matter ecosystem, the P2 enables diverse and enriched automation scenarios, offering precise control of lighting and more to elevate your smart home experience.

**2-in-1 Sensor:** The Aqara P2 combines an infrared motion sensor and a light sensor, enabling automation for lighting, curtains, and more. Unlike the P1 model, it includes an independent light sensor compatible with Matter. (\*Note: Alexa does not support this feature.)

**Adjustable Range and Angle:** The sensor detects motion up to 7m with a 170° horizontal and 45° vertical angle. It comes with a 360° swivel mount, allowing easy adjustments to meet your needs. Sensitivity can be customized via the Aqara Home app.

**Energy Efficiency and Privacy Protection:** Integrate the P2 into your ecosystem for advanced automations and circadian lighting. Automations run locally to protect your privacy, even without an internet connection.

**Easy Installation and Long Battery Life:** Compact and wireless, the sensor can be installed anywhere with an adjustable mount. Powered by two CR2450 batteries, it provides up to 2 years of operation—one of the longest battery lives for a Matter-over-Thread-compatible sensor.

### STRENGTHS :

**Native Matter Support:** With the arrival of the Matter era, users no longer need to worry about different ecosystems and technical protocols, and only need a Matter app, Matter-compatible Thread Border Router and Matter Controller. This means that connections across ecosystems and platforms become simpler and easier. **Independent Light Sensor\*:** P2 features a built-in light sensor to monitor area illumination levels, with a detection range of 0-1500lux. It can adjust the brightness and temperature of lighting based on different light levels throughout the day. **High-Precision and Wide Angle\*\*:** Explore P2 featuring a Wide Viewing Angle, with a 170° detection angle and up to 7 m (extendable to 10 m with Aqara Home) range using PIR Tech. Includes a 360-degree adjustable stand for precise motion detection in targeted areas. Locally

Convenient and Energy-Efficient: Saving energy is no longer a hassle or effort. Let P2 effortlessly and swiftly make adjustments and automate tasks. For example, it automatically turns on lights and exhaust fans in the bathroom upon detecting someone, and switches them off when no one is present. No more worries about inadvertently leaving home energy sources on.\*\*\*\* Local and Remote Alarm\*\*\*: Place the Aqara Motion & Light Sensor P2 in key locations at home to help detect and monitor anomalies. Receive alerts via app or speaker, and link with other smart products to create a more comprehensive security setup.\*\*\*\* Easy to Install and Place in Everywhere: The sensor includes an adjustable stand\*\*\*\* for easy wall, ceiling, or horizontal installation, allowing precise P2 positioning for specific area monitoring, like over a desktop. The Motion and Light Sensor P2, powered by a 2\*CR2450 Lithium battery, which makes its battery life one of the longest among Matter over Thread sensors.\*\*\*\*\* Exclusive Features of Aqara Home: After connecting the P2 to the Hub M3 and integrating it with the Aqara Home app, it will gain enhanced functionalities. These include improved automations, customizable detection timeout and sensitivity settings, motion indication, a local alert system, and more.\*\*\*\*\*

Disclaimers \* The light sensor functionality may be unavailable with some Matter apps, such as Amazon Alexa. \*\* The detection angle and the sensitivity may vary depending on the ambient temperature and the distance. \*\*\* Alert/security system function is not available in all the ecosystems (e.g., in Alexa it has a limited availability). \*\*\*\* The local automation capabilities may vary depending on the Matter ecosystem the product is connected to. For the best possible experience, Aqara Home and Hub M3 are advised. \*\*\*\*\* Offline version includes 2 stands. \*\*\*\*\* The battery life depends on the particular Matter ecosystem and the number of Matter ecosystems the device is connected to. \*\*\*\*\* To connect the sensor to Aqara Home, the Hub M3 is required.

## CHARACTERISTICS :

- **Color**  
White
- **Detection Distance**  
7 meters
- **Operating Temperature**  
-10°C ~ 55°C (14°F ~ 131°F)
- **Included Components**  
Main sensor unit × 1, mount × 1, sticker × 2, user manual × 1
- **Batteries**  
Lithium metal (2 \* CR2450, included)
- **Net Weight**  
0.075 pounds/34g
- **Wireless Protocols**  
Wire, Bluetooth 5.0
- **Compatible Platforms**  
Aqara, Apple Home, Alexa, Google Home, SmartThings
- **Operating Humidity**  
0 - 95% RH, no condensation
- **Product Dimensions**  
(33.1×33.1×41.6 mm)