

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 have to worry about different ecosystems and technical protocols. A Matter app, a Matter-compatible Thread Border Router, and a Matter controller are all that's needed. Connections between ecosystems and platforms become simpler and more intuitive.

Independent Light Sensor*: The P2 is equipped with a built-in light sensor to monitor light levels in an area, with a detection range from 0 to 1500 lux. It adjusts the brightness and color temperature of the lighting based on light changes throughout the day.



High Precision and Wide Angle:** Discover the P2 with a wide detection angle of 170° and a range of up to 7m (extendable to 10m with Aqara Home), thanks to PIR technology. It includes a 360° adjustable mount for precise motion detection in targeted areas.

Convenient and Energy-Efficient: Energy savings become simple and automatic. The P2 quickly and efficiently adjusts automated tasks. For example, it turns on lights and the exhaust fan in the bathroom when motion is detected, and turns them off when no motion is detected. No more worrying about devices left on at home.****

Local and Remote Alarm*:** Place the Aqara P2 motion and light sensor in key areas of your home to detect and monitor anomalies. Receive alerts via the app or speaker, and pair it with other smart products for a more complete security setup.****

Easy to Install and Place Anywhere: The sensor includes an adjustable mount***** for wall, ceiling, or horizontal surface installation. This allows precise positioning of the P2 to monitor specific areas, such as a desk. The P2 motion and light sensor runs on two CR2450 lithium batteries, offering one of the longest battery lives among Matter over Thread sensors.*****

Exclusive Features in the Aqara Home App: After connecting the P2 to the M3 Hub and integrating the device with the Aqara Home app, it benefits from enhanced features. These include advanced automations, customizable settings for timing and sensitivity, motion indication, a local alert system, and much more.*****

Legal Notices:

- * The light sensor feature may be unavailable with certain Matter apps, such as Amazon Alexa.
- ** The detection angle and sensitivity may vary depending on ambient temperature and distance.
- *** The alert/security system feature is not available in all ecosystems (e.g., with Alexa, it has limited availability).
- **** Local automation capabilities may vary depending on the Matter ecosystem the product is connected to. For optimal experience, Aqara Home and the M3 Hub are recommended.
- ***** The offline version includes two mounts.
- ***** 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 M3 Hub 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)