

**Aqara MLS03 Motion and Light Sensor P2**



# Aqara MLS03 Motion and Light Sensor P2 User Manual

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**Aqara MLS03 Motion and Light Sensor P2**



## Product Introduction

Motion and Light Sensor P2 detects body motion and the state of ambient light. It sends notifications to the Aqara Home app or links to other devices based on Thread technology.

## Product Specifications

- **Manufacturer:** Lumi United Technology Co., Ltd.
- **Address:** Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China
- **Online Customer Service:** [www.aqara.com/support](http://www.aqara.com/support)
- **Email:** support@aqara.com

## Components:

- Lens (with red/blue dual-color indicator)
- Light Detection Window
- Battery Cover
- Reset Button

## Reset Instructions:

- **Reset:** Press the button for 5 seconds and release it within 3 seconds when the indicator light flashes quickly.
- **Factory Reset:** Press the button 10 times quickly.

## Product Usage Instructions

### Quick Setup:

1. Ensure you have a Matter-compatible app and Thread Border Router.
2. Remove the insulating tab to activate the device.
3. If the indicator is not breathing, press and hold the reset button for 5 seconds until the LED blinks to enter pairing mode.
4. Open the app, scan the Matter QR setup code, or enter the numeric setup code to add the device.

### Warnings:

1. Avoid using in humid environments or outdoors.
2. Avoid exposure to moisture or liquids.
3. Avoid placing near heat sources.
4. Do not attempt self-repairs; seek authorized personnel.

### Caution:

1. Risk of explosion if incorrect battery type is used.
2. Dispose of used batteries properly.
3. Avoid battery ingestion; it can cause severe internal burns.

## Frequently Asked Questions

Q: What should I do if the indicator light does not start breathing during setup?

A: Press and hold the reset button for 5 seconds until the LED blinks to enter pairing mode.

Q: Can I use this product outdoors?

A: This product is designed for indoor use only. Avoid using it in humid environments or outdoors.

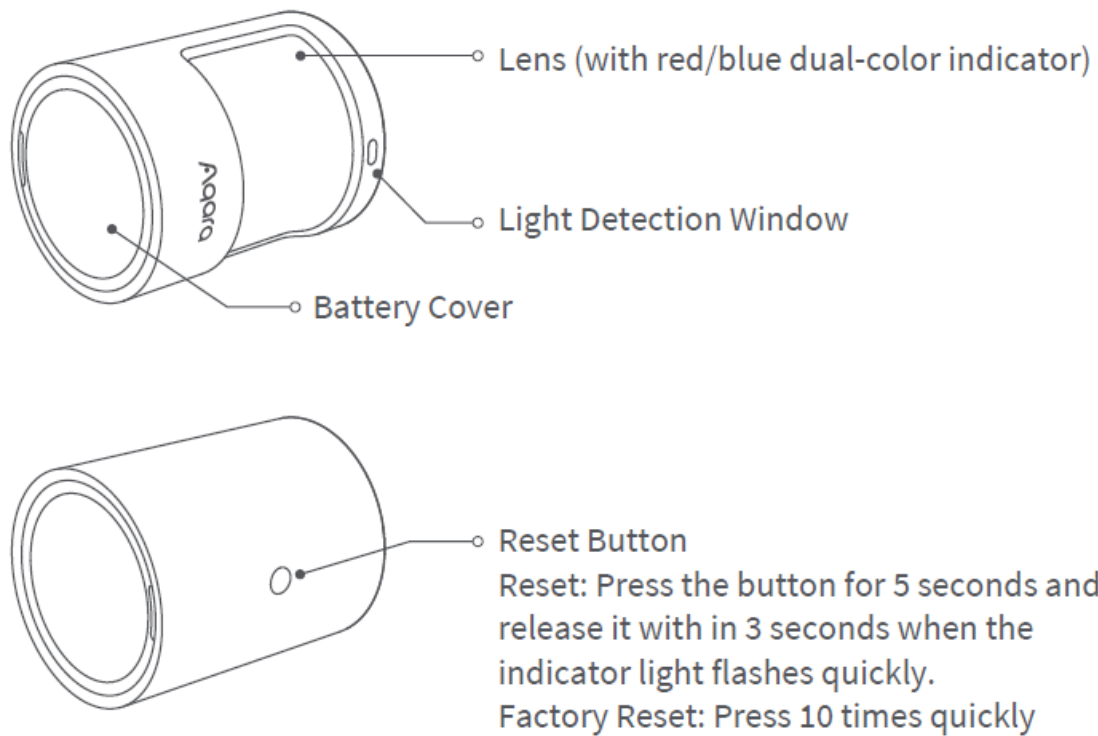
Q: How do I know if the device is successfully paired with the app?

A: Once the device is successfully paired, you will receive a notification on the app confirming the connection.

## Product Introduction

- Motion and Light Sensor P2 detects body motion and the state of ambient light.
- If there are any people moving or any change in the ambient light state in the areas under detection, Motion and Light Sensor P2 will send a notice to the Aqara Home app through or link to other devices based on Thread.

A Matter-compatible Thread Border Router is required for use.



## Quick Setup

1. Please make sure you have a Matter-compatible app and a Matter-compatible Thread Border Router.
2. Remove the insulating tab. The indicator should start breathing.  
**Please note:** If the indicator is not breathing, press and hold the reset button for 5 seconds until the LED indicator starts blinking and releasing it. The device will enter the pairing mode.
3. Open the Matter-compatible app and scan the Matter QR setup code on the manual or package, or enter the Matter numeric setup code printed on the product to add the device to the app.

## Product Specifications

- Motion and Light Sensor P2
- **Model:** ML-S03E/ ML-S03D
- **Battery:** CR2450 × 2
- **Wireless Protocols:** Thread, Bluetooth 5.0
- **Bluetooth Operation Frequency:** 2402-2480 MHz
- Bluetooth Maximum Output Power ≤ 13 dBm
- **Thread Operation Frequency:** 2405-2480 MHz
- Thread Maximum Output Power ≤ 13 dBm
- **Dimensions:** 33.1 × 33.1 × 41.6 mm (1.3 × 1.3 × 1.6 in.)
- **Operating Temperature:** -10°C ~ 55°C (14°F ~ 131°F)
- **Operating Humidity:** 0 ~ 95% RH, no condensation

## What is in the Box

- **ML-S03E:** Sensor Main Unit × 1, Holder × 1, Sticker × 2, User Manual × 1
- **ML-S03D:** Sensor Main Unit × 1, Holder × 2, Sticker × 4, User Manual × 1

1. **Manufacturer:** Lumi United Technology Co., Ltd.
2. **Address:** Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China.
3. **Online Customer Service:** [www.aqara.com/support](http://www.aqara.com/support).
4. **Email:** [support@aqara.com](mailto:support@aqara.com).

For details, please see [www.aqara.com](http://www.aqara.com) support or scan the QR code below to get the detailed electronic manual.



## Safety Warnings And Caution

### Warnings

1. This product is not a toy, please keep children away from this product.
2. This product is designed for indoor use only. Do NOT use in humid environments or outdoors.
3. Beware of moisture, do NOT spill water or other liquids onto the product.
4. Do not place this product near a heat source.
5. Do not attempt to repair the product by yourself. All repairs should be performed by authorized personnel.
6. This product is designed only for improving the convenience of household life, and for status notifications. If the user violates the product instructions and this warning, the manufacturer is not responsible for any risks and property losses caused thereby.

### Caution

1. Risk of explosion if the battery is replaced by an incorrect type.
2. Dispose of used batteries according to the instructions.
3. Do not ingest battery, Chemical Burn Hazard.
4. This product contains two coin/button cell batteries. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
5. Keep new and used batteries away from children.
6. If the battery compartment does not close securely, stop using the product and keep it away from children.
7. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
8. Disposal of a battery into a fire or a hot oven, or mechanically crushing or cutting of a battery, can result in an

explosion.

9. Leaving a battery in an extremely high temperature surrounding environment can result in an explosion or the leakage of flammable liquid or gas.
10. A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.
11. The equipment is only suitable for mounting at heights  $\leq 2$  m.

## **EU Declaration of Conformity**

Hereby, [Lumi United Technology Co., Ltd] declares that the radio equipment type [Motion and Light Sensor P2, ML-S03E/ ML-S03D] complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address: <https://www.aqara.com/DoC/>.

## **WEEE Disposal and Recycling Information**

All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health.

Please contact the installer or local authorities for more information about the location as well as the terms and conditions of such collection points.

The symbol on the product or its packaging indicates that this product may not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic Under normal use of condition, this equipment should be kept a separation distance of at least 20cm between the antenna and the body of the user.

## **FCC Statement**

**FCC ID: 2AKIT-MLS03**

### **Federal Communications Commission (FCC) compliance statement:**

1. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
  1. This device may not cause harmful interference, and
  2. This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **Note:**

This equipment has been tested and found to comply with the limits for a Class B digital device, under part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### RF Exposure statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.


#### IC:22635-MLS03

#### IC NOTICE TO CANADIAN USERS

This device contains licence-exempt transmitter(s)/receiver (s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
  2. This device must accept any interference, including interference that may cause undesired operation of the device.
- This Class B digital apparatus complies with Canadian ICES-003.
  - This device complies with RSS-247 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference.
  - This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.
  - This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
  - The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Lumi United Technology Co., Ltd is under license. Other trademarks and trade names are those of their respective owners.

#### Documents / Resources

	<a href="#">Aqara MLS03 Motion and Light Sensor P2</a> [pdf] User Manual MLS03 Motion and Light Sensor P2, MLS03, Motion and Light Sensor P2, Light Sensor P2, Sensor P2, P2
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#### References

-  [Aqara - Smart Home Automation Devices for Better Living](#)
-  [Aqara Smart Device Product Support](#)
- [User Manual](#)

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