



Aqara DW-S02 Series Door and Window Sensor P2 User Manual

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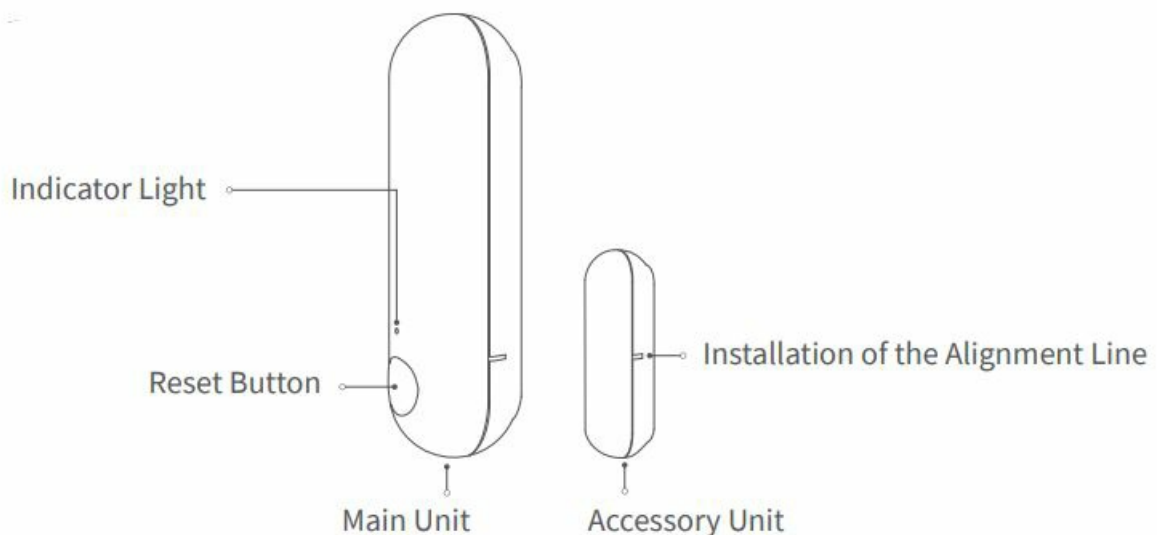
Aqara DW-S02 Series Door and Window Sensor P2



Product Introduction

Aqara Door and Window Sensor P2 is a sensor based on the Thread wireless communication protocol, with built-in high-precision Hall sensor, which can detect the opening and closing status of objects such as doors, windows, drawers, closets, etc. The Aqara Door and Window Sensor P2 can perform multiple intelligent scenarios in conjunction with the Matter-compatible Hubs or other devices based on the automatic condition of detecting the changes in the opening and closing status of doors and windows.

- This product needs to be used with the equipment with the function of the Matter Border Router Hubs.



- Before using, please install the product according to Installation of the Alignment Line.

Device Binding & Initialization

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 release 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

Door and Window Sensor P2

- **Model:** DW-S02E/DW-S02D
- **Battery:** CR123A
- **Wireless Protocols:** Thread, BLE
- **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:** Main Unit: 77 × 22 × 22 mm (3.03 × 0.87 × 0.87 in.)
- **Accessory Unit:** 36 × 11.5 × 7.3 mm (1.42 × 0.45 × 0.29 in.)
- **Operating Temperature:** -10°C ~ 50°C (14°F ~ 122°F)
- **Operating Humidity:** 0 ~ 95% RH, no condensation

What is in the Box

- **DW-S02E:** Sensor Main Unit × 1, Sensor Accessory Unit × 1, Flat Magnet × 1, User Manual × 1
- **DW-S02D:** Sensor Main Unit × 1, Sensor Accessory Unit × 1, Flat Magnet × 1, Sticker × 2, User Manual × 1

For details, please see www.aqara.com/support or scan the QR code below to get the detailed electronic manual.



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 a battery. If the 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 fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
9. Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
10. A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
11. The equipment is only suitable for mounting at heights ≤ 2 m.

EU Declaration of Conformity

Hereby, [Lumi United Technology Co., Ltd] declares that the radio equipment type [Door and Window Sensor P2, DW-S02E/DW-S02D] is in compliance 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/>

UK Declaration of Conformity

Hereby, [Lumi United Technology Co., Ltd] declares that the radio equipment type [Door and Window Sensor P2, DW-S02E/DW-S02D] is in compliance with Directive 2017 (SI 2017 No. 1206, as amended by SI 2019 No. 696). The full text of the UK declaration of conformity is available at the following internet address: <http://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 terms and conditions of such collection points.

FCC ID: 2AKIT-DW-S02

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.

FCC STATEMENT

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to 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 in accordance with 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 of 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 receiver.
- Connect the equipment into 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 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-DWS02D
- **IC:** 22635-DWS02E

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 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.

- Scan to get the Matter Setup Code.
- Please read this manual carefully and keep it.
- **Version:** V1.0

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DW-S02E, DW-S02 Series Door and Window Sensor P2, Series Door and Window Sensor P2,
Door and Window Sensor P2, Window Sensor P2, Sensor P2, DW-S02D

References

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