

The Door and Window Sensor User's Manual

Introduce

Aqara's Door/Window Sensor (DWS) is a smart device featuring low power consumption, small size, and cost-efficiency, utilizing the ZigBee® wireless protocol. It is powered by a CR1632 battery, and complies with ZigBee's HA1.2 (Home Automation) standard. The DWS communicates with the Aqara multi-functional gateway.

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.

(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, 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 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 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.

FCC Radiation 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 20cm

between the radiator & your body.

Parameter

Product Model: MCCGQ11LM

Product Size: 41x22x11mm

Battery Type: CR1632

Detect Range :~22 mm

Operation Temperature:- 10°C— + 50°C

Operation Humidity: 0—95% RH, No Condensation

Execution standard: Q/QLML003—2015

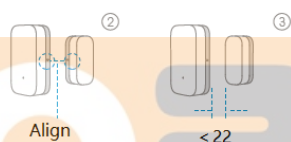
Installation Method:

Effective distance validation: Click the reset button on the OS sensor in selected sensor installation location, it will be effective communication between device and gateway if the gateway to prompt.

Step 1: Tear off glue stick protective film

Step 2: Please align install tags

Step 3: Paste respectively on the door or window (advice body fixed installed in opening and closing area surface, magnet installed in active surface, installation clearance under the Windows and doors closed less than 22 mm).Please make sure this equipment installed and operated with minimum distance 20cm between your body.



*The surface of the paste must be kept clean and dry

*Please avoid falls when installation, easy to damage the sensor body.

Step 4: After connected with the gateway, you can monitoring the status of doors and windows through the APP.



Button Function and LED light indication

No	Function	State	Operation
1	Join network	If the DWS is not joined with the network: Press and Hold the reset button for 3 seconds then the DWS initiates a request to join the network.	Press and hold the reset button for 3 seconds
2	Reset	The DWS may or may not be joined to the network: Press the reset button and the device will restart.	Press and release the reset button for a short time (<1 second)
3	Check the network state	When the DWS is joined to the network: the DWS will transmit a data request message, if the gateway receives the message, it will ring “ding-dong’ after receiving the message, otherwise not.	Press and release the reset button for a short time (<1 second)

Actuating DWS by joining / separating the magnet:

No	Function	State	Operation
1	Send closed message	After joining the network	Bring the magnet within Xmm of the DWS body
2	Send open message	After joining the network	Separate the magnet more than Xmm from the DWS body

Definition of LED light indication

Operation	Condition and state	Led indication
Press the reset button for a short time	If DWS is not linked to the network	LED blinks once quickly
	If the joining operation has finished and succeeded.	LED blinks 3 times
	If the joining operation has finished and failed	LED lights up for 1 second
	If the sensor receives a response from gateway indicating the sensor was already linked to the network	LED blinks twice
Press and hold the reset button for 3 seconds, until light blinks, then release it	If the sensor has joined the network or not, it will disconnect from the network, and initiate the joining operation again	Upon successfully joining the network, the LED blinks 3 times.