

Aqara Door and Window Sensor Product Specifications



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Revision Record

Edition	Revision Content	Editor	Date
V1.0	1. Initial edition	Wu Cuiting	20180516

1. Product Description

1.1. Product Overview

Aqara Door and Window Sensor is sensor used to determine the status of doors and windows. It detects if a door or window is open or shut through the proximity of magnets. It can also connect to and communicate with smart devices, and implement smart settings. Low power consumption, no tools required for installation. Paste it on the door and play with it.

*The product must be used with Hub compatible devices.

*To use this product with HomeKit, an Aqara Hub is required. For more information, please visit www.aqara.com

*The product is limited to indoor use. Please connect to the Hub before use.

1.2. Three-view Diagram of the Product



1.3. Product Selling Point

Can detect if a window or door is closed in real time.

Because of communications between smart devices, automatic door opening and lights can be implemented.

Through automation, when doors and windows are opened abnormally, the sensor will alarm and a message will be sent to your phone.

No need for complicated wiring, all you need is to put the product to any place you want.

2. Product Parameters

2.1. Basic parameters

Category	Description
Product Brand	Aqara
Product Name	Door and Window Sensor
Product Model	MCCGQ11LM
Product Dimensions	41 × 22 × 11mm
Battery Model	CR1632
Product Color	White
Product Material	PC
Product.Gross Weight	60g
Product Net Weight	15g

2.2. Wireless Parameters

Category	Description
Wireless Connection	Zigbee
Wireless Standard	IEEE 802.15.4
Operating Frequency	2.4GHz
Transmit Power	10dbm
Connection Distance	200M open ground

2.3. Environmental Parameters

Category	Description
Operating	-10°C~+50°C
Operating Humidity	0~95% RH, Non-condensing

3. Product Information

3.1. Button Functions

Button action	Description
Single press	Verifying effective distance, looking for devices
3 second long press	Reset device

3.2. Installation Instructions

Remove the protective film from the sensor body and magnet and adhere them to the required area. It is suggested to stick the main body on the fixed surface while the magnet should be attached to the moving surface. When installing, be sure to align the installation markings on the main body and magnet. The gap between the two pieces should be less than 22mm when the door or window is closed.

3.3. Instruction Manual

Open the app and select the "+" in the upper right corner of the main page. Enter the add accessory page and select the Door and Window Sensor then follow the instructions on screen.

*If addition fails, move the Hub closer to the product and try again.

Effective distance verification: Press the device reset button. The Hub should play a notification sound to indicate if the devices are able to communicate effectively.

Searching for device: Open the app and enter the “device list (accessories)” page. Press the device reset button. The Hub will play a notification sound while the corresponding device icon will flash in the app.

*Only the Aqara Home app supports this function.

4. Product Testing Information

4.1. Reliability and Quality Testing

Product Name	Tested Item	Details	Source
Door and Window Sensor	Fall test	1.2m	Testing Technological Service
	High/low temperature test	-10°C~50°C	Testing Technological Service
	RoHS	Entire product, every component	Precise Testing
	Tumbler test	Fall height is 1m, 10 times per minute, 100 total drops.	Testing Technological Service

4.2. Certification Information

Category	Description
Certification	FCC ID: 2AKIT- MCCGQ11LM
Information	IC: 22635- MCCGQ11LM SRRC: CMIIT ID: 2016DP6461

