

Aqara Water Leak Sensor

Product Specifications



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Revision Record

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

1. Product Description

1.1. Product Overview

Aqara Water Leak Sensor is a device that can detect any water leak. A warning can be delivered through the app if any leak or flood detected. It can communicate with other devices through the Aqara Hub.

*The product must be used with Hub compatible devices.

* To compatible with Apple 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 using.

1.2. Three-view Diagram of the Product



1.3. Product Selling Point

The system detects floods and leaks.

When hazard is detected, the Aqara Hub will send alert and a warning message will be send to your phone.

Paired with a solenoid valve, water can be shut off automatically when a leak occurs.

The product can be placed or attached anywhere indoor without complicated wiring.

2. Product Parameters

2.1. Basic Parameters

Category	Description
Product Brand	Aqara
Product Name	Water Leak Sensor
Product Model	SJCGQ11LM
Product Dimensions	50 × 50 × 15mm
Product Color	White
Product Material	ABS+PC
Battery Model	CR2032
Product Gross Weight	20g
Product Net Weight	65g

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 Temperatures	-10°C ~ +55°C
Operating Humidity	0~100% RH

3. Product Information

3.1. Button Functions

Button Action	Description
5 second press long	Reset Network
Press Once	Looking distance for device and verifying communication

3.2. Installation Instructions

Method 1: Place in a sensed area directly;

Method 2: Use a hexagonal screwdriver to loosen the probe, then wiring to implement more smart scenes.

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 Water Leak Sensor then follow the instructions on screen.

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

Effective distance verification: Press the device reset button. The Hub should play an indicator 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 an indicator 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
Water Leak Sensor	RoHS	Entire product, every component	Presset
	Fall test	1.2M	Testing Technological Service
	High/low temperature test	-10 °C ~ 50 °C , 48 hours under high/low temperature testing	Testing Technological Service
	Tumbler test	Fall height is 1m, 10 times per minute, 100 total drops.	Testing Technological Service
	IP6X	Dust proof test	Testing Technological Service
	IPX7	Water resistance test	Testing Technological Service

4.2. Certification Information

Category	Description
Certification Information	FCC ID: 2AKIT- SJCGQ11LM IC: 22635- SJCGQ11LM

