

Aqara TH-S02D Smart Home Temperature and Humidity Sensor



Aqara TH-S02D Smart Home Temperature and Humidity Sensor T1 User Manual

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Aqara TH-S02D Smart Home Temperature and Humidity Sensor



Product Specifications

- **Model:** Temperature and Humidity Sensor T1
- **Battery:** CR2032

Product Introduction

The Temperature and Humidity Sensor T1 is a smart sensor designed to monitor temperature and humidity levels in indoor environments. It is compatible with the Aqara Home app and Aqara hub for easy integration into your smart home ecosystem.

Reset Button

Long Press of 5s: Reset/Connect to Network

Single Press: Effective Range Test

Indicator Light

The indicator light on the sensor provides visual feedback on its status and connectivity.

Device Binding & Initialization

1. Before activating the accessory, ensure the Aqara Home app is downloaded, and the Aqara hub is installed.
2. Open the app, tap Home, then tap + in the top right corner to enter Add Device (Accessory) page.
3. Select Temperature and Humidity Sensor T1 and follow the instructions to add it.
4. For detailed instructions, visit www.aqara.com/support or scan the QR code in the manual.
5. If the connection fails, move the sensor closer to the Hub and try again.

Warnings

1. This product is NOT a toy. Keep children away from it.
2. Designed for indoor use only; do NOT use in humid environments or outdoors.
3. Avoid moisture and do NOT spill water or liquids on the product.
4. Keep away from heat sources and ensure normal ventilation if placed in an enclosure.
5. Do NOT attempt self-repairs; seek professional help for any repairs.
6. Intended for entertainment and convenience purposes only; NOT for security use.

Caution

1. Risk of explosion if incorrect battery type is used for replacement.
2. Dispose of used batteries properly according to instructions.
3. Do not ingest batteries; they pose a chemical burn hazard.

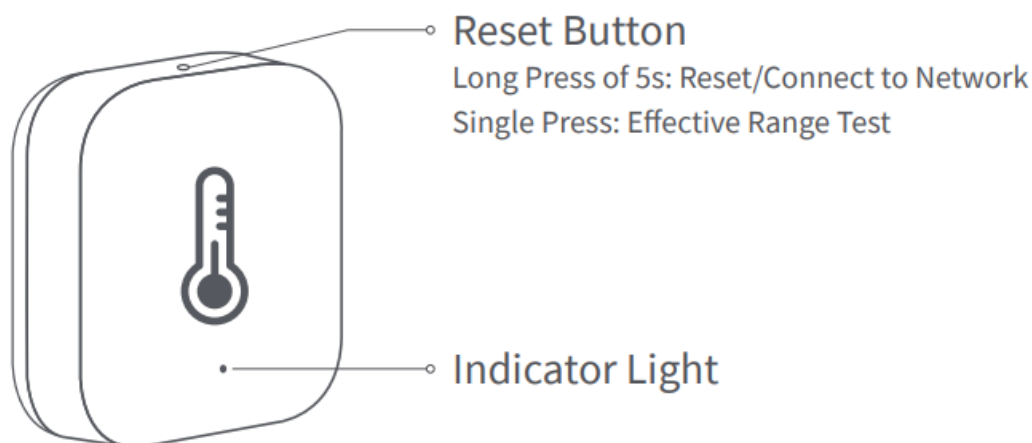
Frequently Asked Questions

Q: Can I use the Temperature and Humidity Sensor T1 outdoors?

A: No, this product is designed for indoor use only. Avoid using it in humid environments or outdoors.

Product Introduction

Aqara Temperature and Humidity Sensor T1 is a sensor that detects the ambient temperature, humidity and atmospheric pressure based on the Zigbee 3.0 wireless communication protocol, which may accurately detect the subtle changes of the temperature and humidity and atmospheric pressure. Aqara Temperature and Humidity Sensor T1 may link the hub or other devices to execute multiple smart scenes by taking the detected changes of the ambient temperature, humidity and atmospheric pressure as the automation conditions. *An Aqara hub is required. Some functions require specific models of the Aqara hub. Please visit www.aqara.com/support for more details.



Device Binding & Initialization

1. Before activating the accessory, please make sure you have the Aqara Home downloaded and Aqara hub installed. Please open the app, "tap Home" and then tap "+" in the top right corner to enter the "Add Device (Accessory)"

2. Select "Temperature and Humidity Sensor T1", and add it according to instructions.
3. For details, please see www.aqara.com/support or scan the QR code below to get the detailed electronic manual.



- If the connection fails, please move the accessory closer to the Hub and try again

Product Specifications

Temperature and Humidity Sensor T1

- Model: TH-S02D Battery: CR2032
- Wireless Protocols: Zigbee
- Dimensions: $\varnothing 36 \times 36 \times 9$ mm ($1.42 \times 1.42 \times 0.35$ in.)
- Zigbee Operation Frequency: 2405-2480 MHz
- Zigbee Maximum Output Power ≤ 13 dBm
- Operating Temperature: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 122^{\circ}\text{F}$)
- Operating Humidity: 0 ~ 100% RH, no condensation
- What is in the Box: Temperature and Humidity Sensor T1 $\times 1$, User Manual $\times 1$

- 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
- Email: support@aqara.com

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. Do NOT place it in an enclosure unless there is normal ventilation.
5. Do NOT attempt to repair this product by yourself. All repairs should be performed by an authorized

professional.

6. This product is only suitable for improving the entertainment, convenience of your home life and reminding you about the device status. It should NOT be used as security equipment for home, building, warehouse or any other places. If a user violates the product use instructions, the manufacturer will NOT be liable for any risks and property losses.

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 coin / button cell battery. 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 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.

Under normal use of conditions, this equipment should be kept a separation distance of at least 20cm between the antenna and the body of the user.

EU Declaration of Conformity

Hereby, [Lumi United Technology Co., Ltd] declares that the radio equipment type [Temperature and Humidity Sensor T1, TH-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 [Temperature and Humidity Sensor T1, TH-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.

Symbol on the product or on 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 equipment

FCC ID:2AKIT-AS013

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, 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 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-AS013

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

Scatola	Manuale	Maniglia	Bags
PAP 21	PAP 22	PP 5	CPE 7
Carta	Carta	Plastica	Plastics
RACCOLTA DIFFERENZIATA			
Verifica le disposizioni del tuo Comune. Separa le componenti e conferiscile in modo corretto. Maniglia è disponibile solo per PS-S02D			







* Please read this manual carefully and keep it.

Documents / Resources

Aqara	Aqara TH-S02D Smart Home Temperature and Humidity Sensor T1 [pdf] User Manual TH-S02D Smart Home Temperature and Humidity Sensor T1, TH-S02D, Smart Home Temperature and Humidity Sensor T1, Temperature and Humidity, Humidity Sensor T1Sensor T1
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References

- [Aqara 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](#)

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