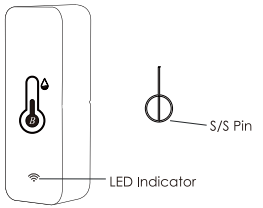
BLE Temp & Humidity Sensor

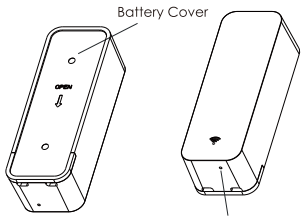
USER MANUAL



Model: BTH01

Product Presentation:





Specification

Size: 71*25*20mm
Battery: LR03-1.5V/AAA*2 (Alkaline battery)
Bluetooth: Low-power BLE 5.0
Temperature Measure Range: -20℃ ~ 60℃
Temperature Accuracy: ±1℃
Humidity Measure Range: 0% RH~100% RH
Humidity Accuracy: ±5% RH

Checklist before using the device:

a. Your smartphone has connected to a 2.4GHz Wi-Fi network.

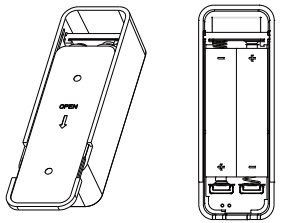
b. You have input the correct Wi-Fi password.

c. Your smartphone must be Android 4.4 + or iOS 8.0 +.

d. If the numbers of devices connected to Wi-Fi router reach the limit, you can try to disable a device to vacate the channel or try with another Wi-Fi router.

How to use:

Slide downwards to open the back cover of the battery compartment, install 2 x AAA new Alkaline batteries in the right direction of electrode, the indicator will blink, then push to close the back cover.



(Notes: when batteries are run out, please choose Alkaline battery instead of Carbon-zinc battery.)

How to set up:

1. Use your smartphone to scan QR code, or search "Smart Life" app in Google Play Store or APP Store to download and install.

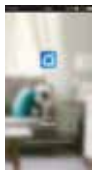
Smart Life

QR Code

Get it on Google Play

Available on the App Store

2. Create an account with your mobile number and authentication code.





3. Connect your mobile to your Wi-Fi router , click "+" at the upper right corner of homepage or click "Add Device" .

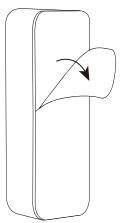


4. The app will advise you to turn on the bluetooth on your mobile, it will search the device and add automatically.



5. Use a clean and dry towel to clean the area where you want to mount the sensor. Peel off the adhesive tape to stick at the back of sensor, press it hard to fix it well.

(The adhesive tape is for one-time use only.)



NOTES:

The sensor is only used in indoor and not water-proof.

Functions

1. Intelligent Linkage

After bluetooth gateway is connected, You can create linkage scene with other Tuya smart devices like Smart IR Remote Controller. For example, when the indoor temperature > 30℃, Air conditioner will turn on automatically, or when the humidity is < 20%, the humidifier will spray.

2. Temp & Humidity Alert

After bluetooth gateway is connected, you can preset the upper and lower limit for temperature and humidity, when the value goes out of the limit, it will push instant alarm message via app.

3. Temperature Unit Switch

You can switch temperature unit between Celsius and Fahrenheit in the Setting, select temperature unit, or use the supplied S/S pin to press the reset button once, the switch completed.

4. Temp & Humidity records

You can review the historic data of temperature and humidity stored for 1 year, and export to your email address.

5. Temp & Humidity Calibration

You can calibrate the temperature and humidity in the Setting, select the calibration value, the temperature or humidity will change accordingly .

6. Third-party Voice Control

Support enquiring about temp and humidity via Amazon and Google smart speaker after the bluetooth gateway is configured.

OK Google, what is the <device> humidity ?
OK Google, what is the <device> temperature ?

Alexa, what is the <device> humidity ?
Alexa, what is the temperature of <device name> ?

FAQ

1. Please use new alkaline battery, don't mix use with used battery.

2. About 30 minutes after configuration done, the temperature and humidity is closer to the actual ambient environment, so the readings are more accurate.

3. When the sensor connects to App via bluetooth, if you want to view the temperature and humidity, the distance between sensor and mobile should be kept within 5 meters.

4. When the sensor is added to bluetooth gateway, you can view the temperature/humidity anywhere, and the distance between sensor and bluetooth gateway should be kept within 10 meters.

5. When the environment temperature change > ± 0.5℃ or humidity change > ± 5%, it will update promptly, otherwise, it will update every 10 mins .

6. If you want to calibrate Fahrenheit, you need calibrate Celsius firstly, then switch temperature unit to Fahrenheit.