

Zigbee Temperature and Humidity Alarm User Manual

1.Product Overview

The zigbee temperature&humidity alarm is working with zigbee gateway. It uses advanced signal analysis and processing technology to provide user ultra-high-precision detection and anti-false alarm performance which is designed to guarantees the product stability. When the temperature and humidity of the detection environment exceed the set upper and lower limits, it would set linkage with other smart device as well as report to user so that he could remote monitor the premise temperature humidity real-time.

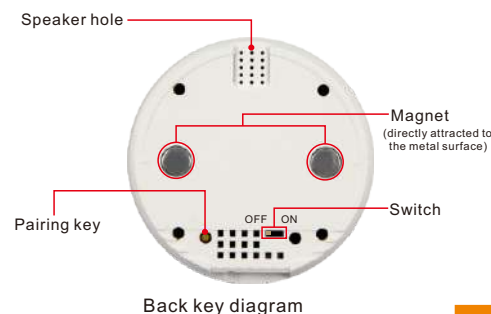
The product is widely used in family residential areas, real estate villas, factory buildings, computer rooms,warehouses, office buildings and other places.

2. Features

- Intelligent signal analysis technology

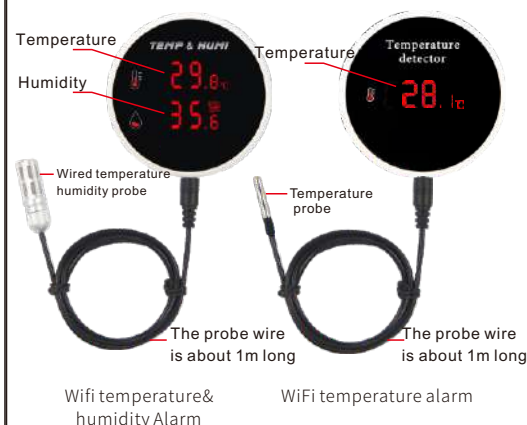
- Real temperature humidity compensation technology
- Resistance to radio frequency interference (20Vm-1GHZ)
- ZIGBEE wireless signal transmission
- Microprocessor control
- Multiple zigbee devices are bridged for wider transmission
- Temperature data detected in one second
- Smart linkage with other devices in APP

3.Product Picture



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4.Installation and Operation

Open the zigbee gateway app --- Add sub-device -- Long press pairing key of the temperature humidity device for 6-12 seconds -- Device shows "-SE-" -- APP finds the device --- Connecting --- Added successfully

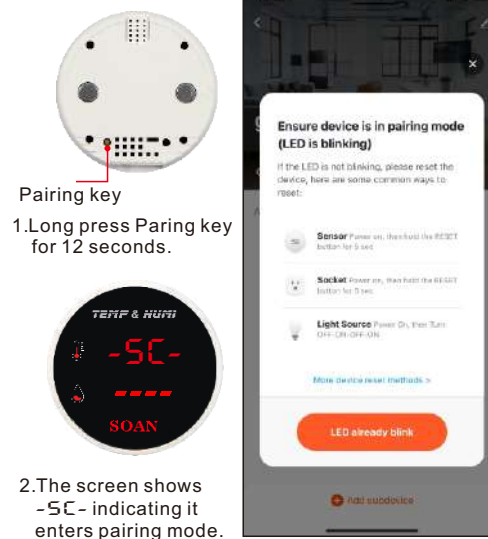
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Device indicator is blinking rapidly

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Added successfully

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Sub-device interface

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Main interface of equipment

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The pairing mode is 120 seconds only. The device would auto exit pairing mode after 120 seconds. If the app shows pairing failed, re-pair it in the same way step by step.

5. Function operation

1. Fahrenheit and Celsius convert

Click APP - enter the device interface - setting - click Temp unit --- choose °F or °C. After switching to Fahrenheit, the device display is converted with the system.

2. Set temperature and humidity deviation compensation (maximum compensation value ± 9.9)

Open app -- enter the device interface -- setting -- set the temperature humidity deviation value on the app -- save

3. Temperature humidity upper and lower limit settings

Click APP - enter the temperature device interface -- setting -- set temperature and humidity upper lower limits -- save

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4. How to distinguish multiple devices when one device alarms

Click APP - enter the device interface - click  in the upper right corner - change the device name. Then when it alarms, it would push message by the changed device name.

5. Reset

Click APP - enter the device interface - click  in the upper right corner -- Delete the device

6. Turn off device APP alarm push message

Click APP - enter the temperature device interface - alarm management -- select to turn off the corresponding alarm option. E.g. turn off upper temperature alarm, there will be no APP notification when the temperature goes above your preset value.

6. Parameter:

- Power supply: 5V1A
- Working current: Temperature and humidity (100mA) Temperature (60mA)
- Alarm indication: The digital tube number flashes. (Temperature alarm flashes temperature value; Humidity alarm flashes humidity value)
- Pairing indication: digital tube displays -SE-
- Pairing indication: green led blinks
- Detecting temperature: -20°C --- 85°C (for temperature only version)
-20°C -- 100°C (for temperature and humidity version)
- Detecting humidity 0% --- 99% (no condensation)
- Temperature humidity accuracy: 0.1°C 1%RH
- Measurement error: $\pm 1^\circ\text{C}$ $\pm 5\%\text{RH}$
- Buzzer alarm time: default 30 seconds not controllable
- Built-in rechargeable battery: 3.7V/600MAH
- Buzzer volume: 80db

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7. Mobile push settings

Iphone: Settings - Notifications - find tuyu smart app -- allow notifications

Xiaomi: settings - notification and status bar - notification management - - find tuyu APP - click to allow various notifications - then exit to return settings -- find authorization management - self-start management - allow APP to auto-start .

Huawei: settings - notification and status bar - notification management - find tuyu APP - click to allow various types of notifications - then exit to return settings --- find authorization management -- find tuyu APP - permissions -- self-start management -- allow the auto-start.

OPPO/VIVO Mobile: Phone Settings - Status Bar and Notifications - Manage Notifications - Find tuyu App - Allows all types of push. - Exit the return settings - Authorization management - find the tuyu APP - allow self-starting. Other mobile phone settings are basically the same.

8. Precautions for use

- 1) Avoid installing the device in extremely humid places; avoid installing it in dusty or greasy places; avoid installing it far away from the Zigbee gateway.
- 2) This product is not designed to be waterproof or fireproof. Do not put the device into water or use it outdoors or in extremely high or low temperature environments. This may cause the product to short-circuit and burn. (Except the probe)
- 3) The device is stable, but it cannot be guaranteed to be perfectly safe. In addition to using this product correctly, it should be checked and maintained regularly. Every once in a while, an alarm should be triggered to determine whether the device is working normally.
4. As long as the device is connected to the zigbee gateway, user could use the mobile phone monitor the status of the device at any time. If the device has been paired with a zigbee gateway and is powered off and then on again, the device will try to connect automatically without reconfiguring with the zigbee gateway. If the device is disconnected from the zigbee gateway, the mobile APP will show offline after half an hour.

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