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Huayuan TH03 Zigbee Temperature and Humidity Sensor



Please read this manual carefully before use and keep it safe for future reference.

Here's how Zigbee devices connect to a network. When paired with a device, the network should be moved to 2.4G, not 5G. Devices pair according to your zigbee 3.0 gateway

Specifications

- **Size:** 40*55mm
- **Weight:** 105g
- **Connectivity:** Zigbee 3.0
- **Supports:** Temperature & Humidity monitoring
- **Magnetic control distance:** $\geq 15\text{mm}$
- **Working temperature:** $-10\sim+50\text{ }^{\circ}\text{C}$
- **Working humidity:** max 95% RH
- **FCC ID:** 2BLF8-TH03
- **Model:** TH03
- **Input voltage:** DC3V
- **under voltage:** $\leq 2.4\text{V}$ Low power

How to Add Zigbee Devices

1. You must add a gateway before adding Zigbee devices. To add a gateway, tap "Add Device" on the Home page.
2. On the page that appears, tap "Gateway Control" in the left-side navigation panel and select a gateway.
3. Power on the gateway and use a network cable to connect it to a router.
4. Ensure that your mobile phone and the gateway are on the same LAN. The mobile phone must be connected to a 2.4GHz WiFi network.
5. To add a Zigbee device connected to the gateway, go to the gateway page and tap "Add subdevice". Follow the remaining steps similar to adding WiFi devices.

Troubleshooting

Q: How to set indicator light as rapid flashing?

1. Power on the device and power off after 5 seconds of powering on.

2. Hold the reset button for 5 seconds.
3. Confirm that the indicator light is now rapidly flashing.

Q: How to set indicator light as slow flashing?

1. Power on the device and power off after 5 seconds of powering on.
2. Hold the reset button for 5 seconds.
3. Confirm that the indicator light is now rapidly flashing.
4. Press the reset button for 5 seconds until the indicator light is slowly flashing.

FCC Warning

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.

Any 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 off 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Frequently Asked Questions

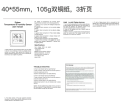
Q: How do I know if my Zigbee device is successfully connected to WiFi and the Internet?

A: The newly added device needs approximately 1 minute to connect to WiFi and the Internet. If it remains offline for an extended period, please troubleshoot through the LED status indicators.

Q: Can multiple Zigbee devices be added to the gateway simultaneously?

A: Yes, the latest version of the app supports automatic discovery of nearby Zigbee devices, allowing you to add multiple devices to the gateway at once.

Documents / Resources

	Huayuan TH03 Zigbee Temperature and Humidity Sensor [pdf] User Manual 2BLF8-TH03, 2BLF8TH03, TH03 Zigbee Temperature and Humidity Sensor, TH03, Zigbee Temperature and Humidity Sensor, Temperature and Humidity Sensor, Humidity Sensor, Sensor
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References

- [User Manual](#)

■ Huayuan

◆ 2BLF8-TH03, 2BLF8TH03, Huayuan, Humidity Sensor, Sensor, Temperature and Humidity Sensor, TH03, TH03 Zigbee Temperature and Humidity Sensor, Zigbee Temperature and Humidity Sensor

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