INKBIRD

TEMPERATURE
HUMIDITY SENSOR

(IBS-TH3-PLUS-WIFI)
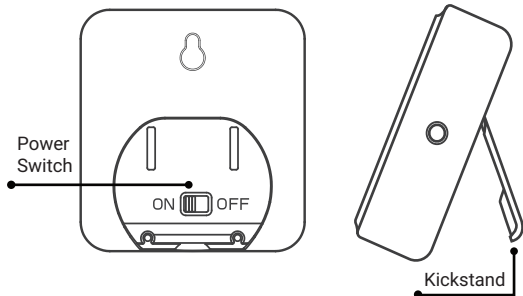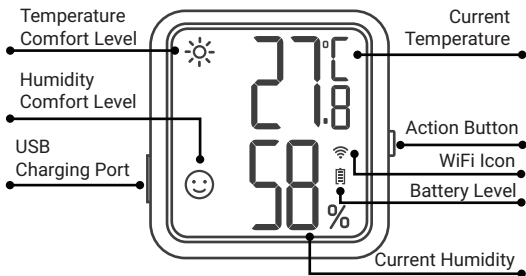
U S E R   M A N U A L

Warm tips

- To quickly jump to a specific chapter page, click on the relevant text on the contents page.

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Temperature Comfort Level

Humidity Comfort Level

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Current Temperature

27℃.8

58 %

Action Button

WiFi Icon

Battery Level

Current Humidity

Power Switch

ON OFF

Kickstand

• Screen Display Description

Type	Icon	Definition
Temperature Comfort Level	☀	Hot; The current temperature is higher than the preset high-temperature value, which is 26℃/78.8℉ by default.
	☺	Comfortable; The current temperature is in the comfort zone, the default is 20℃~26℃/68℉~78.8℉.
	❄	Cold; The current temperature is lower than the preset low-temperature value, which is 20℃/68℉ by default.
Humidity Comfort Level	〰	Dry; The current humidity is lower than the preset low-humidity value, which is 35%RH by default.
	☺	Comfortable; The current humidity is in the comfort zone, the default is 35%RH~65%RH.
	💧	Wet; The current humidity is higher than the preset high-humidity value, which is 65%RH by default .
Note：All the above parameters can be modified through the App.		

• Action Button Operation

Short press it to check the current WiFi status. When the WiFi icon remains on, the sensor is paired to the network. Pressing the action button at this point will instantly sync the data with the app. If the WiFi icon is flashing rapidly, the sensor is not yet paired to the network and can enter the pairing state.
Press and hold it for 5 to 8 seconds to reset the WiFi of the sensor. The WiFi icon will blink rapidly, and the sensor will enter the pairing state.

Note: When the WiFi icon blinks slowly, the sensor is currently on a bad WiFi network. Please place the sensor as close as possible to the WiFi router.

02 Technical Parameters

Power Source	Rechargeable Lithium Battery 500mAh
Input Power	USB 5V （over 250mA）
Temperature Measurement Range	0℃~50℃ / 32℉~122℉
Temperature Measurement Accuracy	Typical ±0.3℃/±0.5℉
	Maximum ±0.5℃/±9℉

Humidity Measurement Range	0%RH~99%RH
Humidity Measurement Accuracy (25℃/77℉, 20%~80%RH)	Typical ±3%RH Maximum ±4.5%RH
Relative Humidity Accuracy (25℃/77℉, 0%~100%RH)	Typical ±4.5%RH Maximum ±7.5%RH
Recording Interval	10 minutes, 30 minutes, 60 minutes (default), 120 minutes, 180 minutes, 240 minutes (The longer the recording interval you choose, the longer the battery life.)
Sampling Interval	10 seconds
Temperature/Humidity Comfort Value Setting	Supported; To synchronize the relevant parameters immediately, please press the device button after setting the parameters on the App. Otherwise, they will be only automatically synchronized when temp or humidity data are synchronized (varies with the data change and recording time interval).
Temperature/Humidity Calibration	
High/Low-Temperature (-Humidity) Alarm	
Temperature Unit Switch Function	

Magnetic Back	Yes
Product Warranty	1 Year

03 APP Instructions

3.1 How to download the INKBIRD App

Search the INKBIRD App from Google Play or App Store to get it for free, or you can scan the QR code left to download it directly.

NOTE：

1.Your iOS devices must be running iOS 10.0 or above to download the app smoothly.

2.Your android devices must be running android 4.4 or above to download the app smoothly.

3.The device supports a 2.4GHz Wi-Fi router only.

3.2 Registration

3.2.1 Open the app, select your Country/Region, and a verification code will be sent to you.

3.2.2 Enter the verification code to confirm your identity, and the registration is complete.
3.2.3 Registering an account is necessary before using the INKBIRD app for the first time.

3.3 How to connect

3.3.1 Open the app, click the "+" in the upper right corner, and select IBS-TH3 PLUS to start the connection. Please make sure your smartphone has Bluetooth permission.
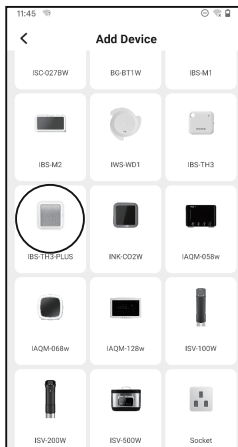
3.3.2 Make sure the power switch is pushed to ON and the screen displays normally, then click Next Step to continue.

3.3.3 Select the Wi-Fi to connect to, enter the password, and click Next Step to continue.

App-2.4

Please select the WiFi you want to link and enter the password If you do not have a password, you do not need to enter it.

Next step

FAQ

3.3.4 Press and hold the action button of the sensor until the WiFi icon flashes to enter the pairing state. Then click Confirm to continue.

Please press and hold the ⬤ button for 5 to 8 seconds to make the WiFi icon flash and enter the networking state.

Confirm
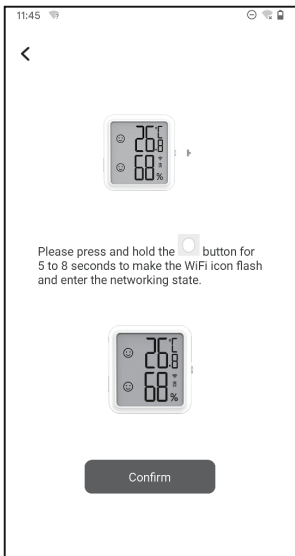
3.3.5 Your smartphone will automatically enter the device scan page. Please place the device as close as possible to your smartphone and router. Once the device is found, click Next Step to continue.
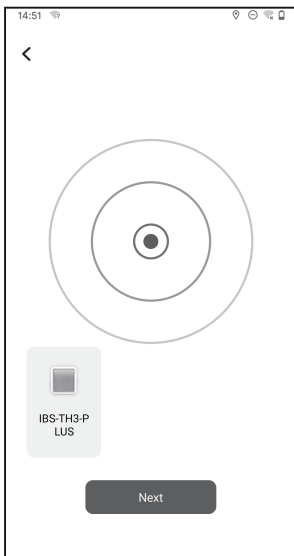
3.3.6 The device automatically pairs with your smartphone.

11:45

<

The device is connecting to the network.

Cancel 58s

3.3.7 Pairing is successful.

Wi-Fi already connected
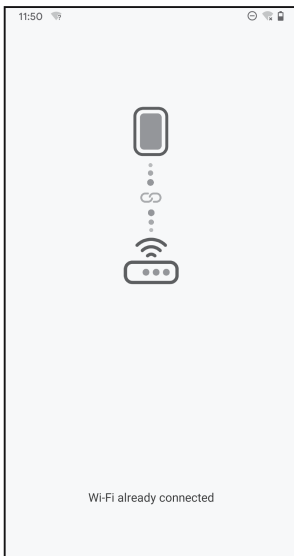
Note: If the pairing fails, turn off the power supply and restart the device, place the device as close as possible to your smartphone and router, then repeat steps 3.3.1~3.3.6 to try again.

3.4 APP Main Interface

IBS-TH3 PLUS

Battery Level

Enter the settings page

Current Temperature

Go to view history

Current Humidity

IBS_TH3_PLUS(2... 54%

20.6 ℃

Comfort

20.4℃ 20.6℃ 20.6℃ 20.6℃ 20.6℃ 20.6℃ 20.6℃
15:00 15:30 16:00 16:30 17:00 17:30 18:00

More >

61.5 %

Comfort

55.8% 53.0% 53.5% 57.6% 59.6% 60.7% 61.5%
15:00 15:30 16:00 16:30 17:00 17:30 18:00

More >
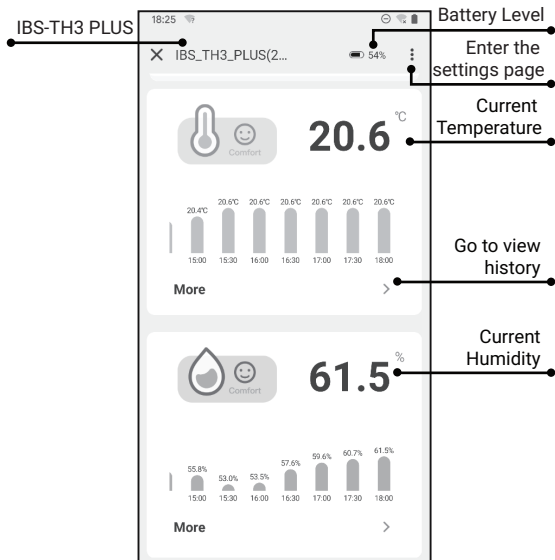
3.5 Troubleshooting

3.5.1 The WiFi network is often dropped, historical data is lost, or the network cannot be connected?

a. Make sure the WiFi signal is stable, and place the device as close to the router as possible.
b. Make sure there are as few barriers as possible between the device and the router.
c. Check to see if the battery level is low.
d. Enable Bluetooth and positioning functions, allow the App to obtain location information, and allow the local network (iOS System).

3.5.2 The alarm notification is not received or delayed?

a. Make sure the WiFi signal is stable, and place the device as close to the router as possible.
b. Make sure there are as few barriers as possible between the device and the router.
c. Check to see if the app notification permission is enabled.

04 Safeguards

1. Please do not disassemble the product if you are

not a professional.
2. Be sure that the sensor is not covered with dust as dust may lead to inaccurate measurements.
3. Do not use alcohol to clean the sensor.

05 Product Warranty

This item carries a 1-year warranty against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of INKBIRD, be either repaired or replaced without charge.

06 FCC Requirement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

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.

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 20cm between the radiator &

your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

INKBIRD TECH.C.L.

support@inkbird.com

Factory address: 6th Floor, Building 713, Pengji Liantang Industrial Area, NO.2 Pengxing Road, Luohu District, Shenzhen, China

Office address: Room 1803, Guowei Building, NO.68 Guowei Road, Xianhu Community, Liantang, Luohu District, Shenzhen, China

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