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INKBIRD IBS-TH2 Temperature and Humidity Smart Sensor User Guide

INKBIRD

Contents

IBS-TH2

Temperature & Humidity Smart Sensor

INKBIRD Temperature Humidity SENSOR IBS-TH2

Please keep this manual properly for reference. You can also scan the QR code to visit our official website for product usage videos. For any usage issues, please feel free to contact us at **support@inkbird.com**.

If you need an operating manual in German, please scan the QR code and visit our website to get it and watch a video about how to use the product.

If you need an instruction manual in Italian, scan the QR code and visit our website to get it and watch a video about how to use the product.

If you need a user manual in French, please scan the QR code to visit our official website to get and watch the video of use of the product!

If you need a Dutch manual, scan the QR code to go to our official website and watch the video on how to use it of the product!

If you need the instruction manual in Spanish, please scan the QR code to go to our official website and watch the video on how to use the product.

Warm tips

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

- You can also use the thumbnail or document outline in the top left corner to quickly find a specific page.

01. Technical Specifications

Battery	AAA Battery*2 (not included)
Bluetooth Connection Range	30 meters(98ft)
Temperature measurement range	-40℃~60℃/-40℉~140℉
Temperature Accuracy	Typical: ±0.3℃/+0.5℉
	Max: ±0.5℃/±0.9℉
Humidity Range	0%RH-99%RH
Humidity Accuracy(25℃/77℉, 20%~80%RH)	Typical: ±3%RH
	Max: ±4.5%RH
RH Humidity Accuracy (25℃/77℉, 0%~100%RH)	Typical: ±4.5%RH
	Max: ±7.5%RH
Waterproof Level	IPX4
Magnetic Back	Yes
Warranty	1 Year

02. APP CONTROL
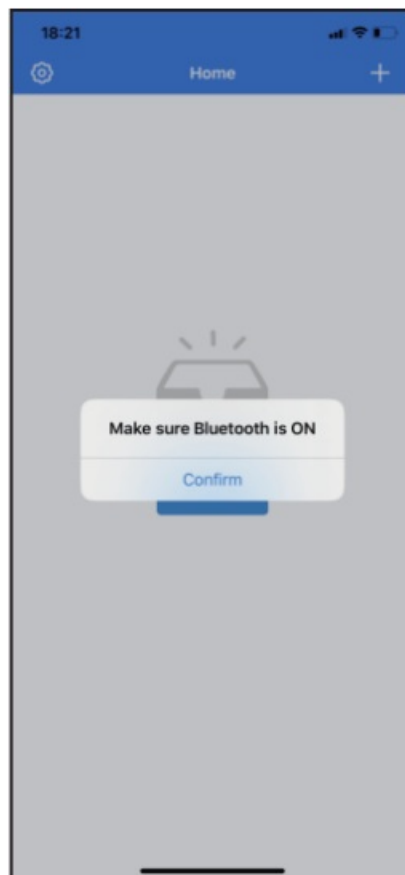
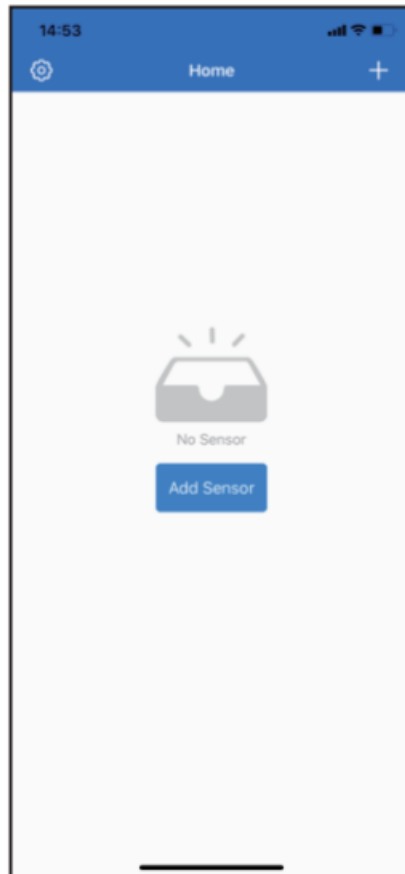1. Download the app

Android   **IOS**

Search "Engbird" in App Store or Google Play to download it for free, or you can scan the QR code above to install it directly.
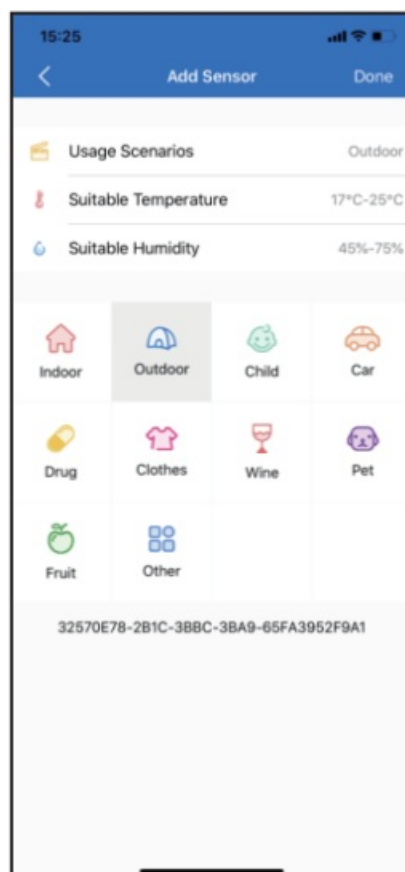Note: Please make sure your phone supports Bluetooth.
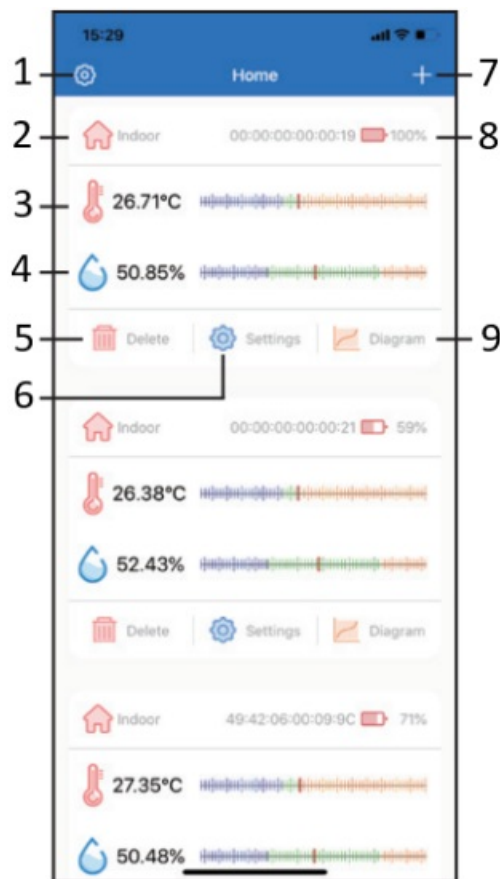
2. Open the app, turn on Bluetooth.

3. Put the device close to your phone and click "Add Sensor" or "+" to add devices.

4. Choose a usage scenario and click "Done" to complete the connection.

6. The main interface of the app.

1. App Setting
2. Usage Scenario
3. Current Temperature
4. Current Humidity
5. Remove the Sensor
6. Sensor Setting
7. Add Sensor
8. Battery Life
9. Graph & Distribution of Historical Data

Note: A mobile phone can be connected to multiple sensors at the same time and a sensor can be connected to multiple phones as well.

03. Troubleshooting Guide

Issues	Causes	Solutions
Can't connect to Bluetooth.	1. Incorrect phone settings. 2. Incorrect operation 3. Device malfunction.	1. Turn on the Bluetooth and location permissions of the phone, and make sure that the permissions of app in the phone settings are all agreed. 2. The phone is not connected to other Bluetooth devices. 3. Clear the Bluetooth cache if possible. If it still does not work, please contact customer service.
Inaccurate temperature reading.	1. It is placed in a area with poor temperature circulation. 2. The probe port is blocked. 3. Device malfunction.	1. Adjust the position of the device. Leave it for a while so that the reading can stabilize. 2. Check whether the probe port is clean/blocked. 3. Use the use the calibration function to calibrate.
Inaccurate humidity reading.	1. Water or condensation enters the probe. 2. The probe port is blocked. 3. Device malfunction.	1. Adjust the position of the device. Leave it for a while so that the reading can stabilize. 2. Check whether the probe port is clean/blocked. 3. Use the use the calibration function to calibrate.

04. Warning

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. 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.

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Documents / Resources

INKBIRD IBS-TH2 Temperature and Humidity Smart Sensor [pdf] User Guide
IBS-TH2 Temperature and Humidity Smart Sensor, IBS-TH2, Temperature and Humidity Smart Sensor, Humidity Smart Sensor, Smart Sensor

References

- **User Manual**