



## Contents [ [hide](#) ]

- [1 INKBIRD IBS-TH1 Temperature and Humidity Smart Sensor](#)
- [2 Know the Sensor](#)
- [3 Specification](#)
- [4 Getting Started](#)
- [5 Troubleshooting Guide](#)
- [6 FAQ](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)

## INKBIRD

### INKBIRD IBS-TH1 Temperature and Humidity Smart Sensor



Please keep this manual properly for reference. You can also scan the QR code below

to visit our official website for product usage videos. For any usage issues, please feel free to contact us at [support@inkbird.com](mailto:support@inkbird.com)

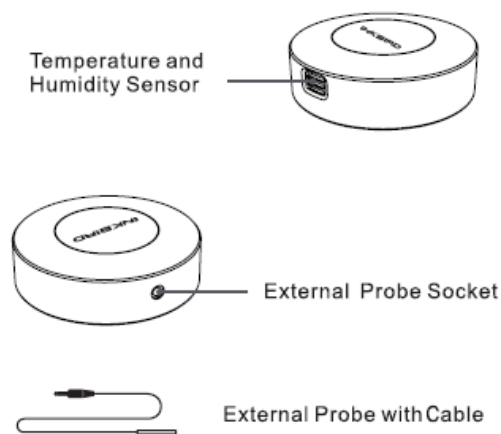


### Warm tips

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.

### Know the Sensor



Note: The built-in sensor only reads the humidity when the external temperature probe is inserted.

### Specification

Dimensions	56mmx19 mm (2.20x0.75 in)
Weight	21g (0.74 oz)
Battery	1 x AAA Batteries (not <b>Included</b> )
Bluetooth Connection Range	30 meters (98ft)
Temperature Range	-40°C~60°C/-40°F~140°F (Inner sensor)
	-40°C~100°C/-40°F~212°F (External probe)
Temperature Accuracy	Typical: $\pm 0.3^{\circ}\text{C}$ / $\pm 0.5^{\circ}\text{F}$ , Max: $\pm 0.5^{\circ}\text{C}$ / $\pm 0.9^{\circ}\text{F}$ (Inner sensor) $\pm 1^{\circ}\text{C}$ (External probe)
Humidity Range	0%RH~99%RH
Humidity Accuracy (25°C/ 77°F, 20%~80%RH)	Typical: $\pm 3\%\text{RH}$ , Max: $\pm 4.5\%\text{RH}$
Humidity Accuracy (25°C/ 77°F, 0%~100%RH)	Typical: $\pm 4.5\%\text{RH}$ , Max: $\pm 7.5\%\text{RH}$
Magnetic Back	Yes
Warranty	1 Year

## Getting Started

### 1. Download the APP

Search the keyword “Engbird” in App Store or Google Play, or scan the following QR code with your phone.  
Download and install it for free.



Engbird APP



Android



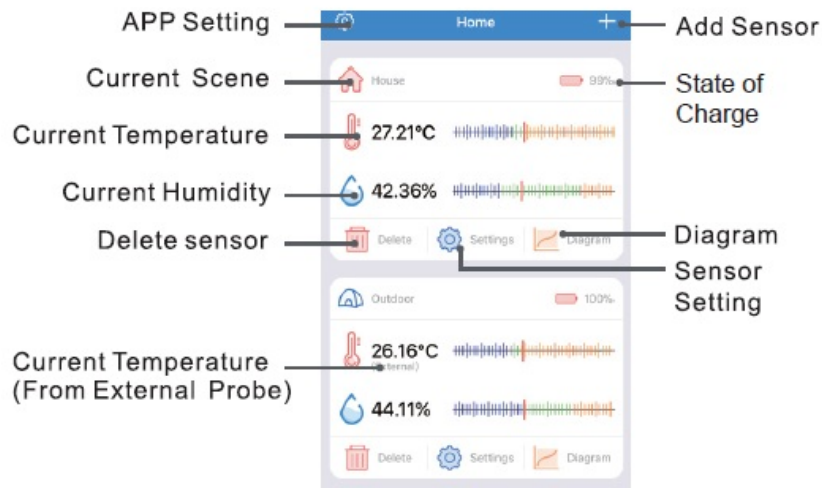
IOS

### 2. Pair with the Phone

Open the APP, add the sensor and pair with your smart phone.

### 3. Get the Data

After choosing a application scene, the app will display the current temperature and the humidity data.



## Warning

1. Please do not disassemble the product if you are not a professional.
2. Please make sure the sensor is not covered with dust as dust may lead to inaccurate measurements.
3. Do not use alcohol to wipe the sensor.
4. Children must be supervised by an adult while using the product.

## Troubleshooting Guide

Issues	Causes	Solutions
Inaccurate humidity reading.	<ol style="list-style-type: none"> <li>1. Water or condensation enters the probe.</li> <li>2. The probe port is blocked.</li> <li>3. Device malfunction.</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust the position of the device. Leave it for a while so that the reading can stabilize.</li> <li>2. Check whether the probe port is blocked.</li> <li>3. Use the use the calibration function to calibrate.</li> </ol>
Inaccurate temperature reading.	<ol style="list-style-type: none"> <li>1. It is placed in a area with poor temperature circulation.</li> <li>2. The probe port is blocked.</li> <li>3. Device malfunction.</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust the position of the device. Leave it for a while so that the reading can stabilize.</li> <li>2. Check whether the probe port is blocked.</li> <li>3. Use the use the calibration function to calibrate.</li> </ol>

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. 4. Select the 'IBS-THS' model in the INKBIRD app and add it. If it still does not work, please contact customer service.

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- MADE IN CHINA
- DESIGNED BY INKBIRD



## FAQ



- **Q: How do I calibrate the device?**

A: If you encounter inaccurate readings, use the calibration function in the app to recalibrate the device.

- **Q: What should I do if I can't connect to Bluetooth?**

A: Ensure your phone settings are correct, clear Bluetooth cache if needed, and select the correct model in the app. Contact customer service if issues persist.

## Documents / Resources

 	<a href="#">INKBIRD IBS-TH1 Temperature and Humidity Smart Sensor [pdf]</a> Owner's Manual 20250321, V4.0, 103.01.00011, IBS-TH1 Temperature and Humidity Smart Sensor, IBS-TH1, Temperature and Humidity Smart Sensor, Humidity Smart Sensor, Smart Sensor, Sensor
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## References

- [User Manual](#)

INKBIRD  
103.01.00011, 20250321, Humidity Smart Sensor, IBS-TH1, IBS-TH1 Temperature and Humidity Smart Sensor, INKBIRD, Sensor, Smart Sensor, Temperature and Humidity Smart Sensor, V4.0

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