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INKBIRD IBS-TH1 PLUS Temperature and Humidity Smart Sensor



Specifications

- External Probe
- Icon Temperature Display
- Humidity Display
- Battery Capacity
- Bluetooth Icon
- Battery Cover
- Temperature and Humidity Sensor
- External Probe with Cable
- Bluetooth Connection Range: 98ft
- Dimensions: 2.50×0.79 in
- Weight: 1.87oz

Product Usage Instructions

Getting Started

To begin using the product, follow these steps:

1. Insert the external temperature probe into the device.
2. Ensure the battery is charged.
3. Download the corresponding app on your Android or iOS device.

Understanding the Product

The device features an external probe for temperature readings and a built-in sensor for humidity readings. The Bluetooth connection allows you to monitor temperature and humidity data through the mobile app.

Troubleshooting Guide

If you encounter any issues with the product, refer to the following troubleshooting guide:

- **Inaccurate Humidity Reading:**

- **Causes:** Water or condensation enters the probe, blocked probe port is blocked, or the device malfunctions.
- **Solutions:** Adjust device position, check probe port, and calibrate using the calibration function.

- **Inaccurate Temperature Reading:**

- **Causes:** Poor temperature circulation, blocked probe port, device malfunction.
- **Solutions:** Adjust device position, check probe port, and calibrate using the calibration function.

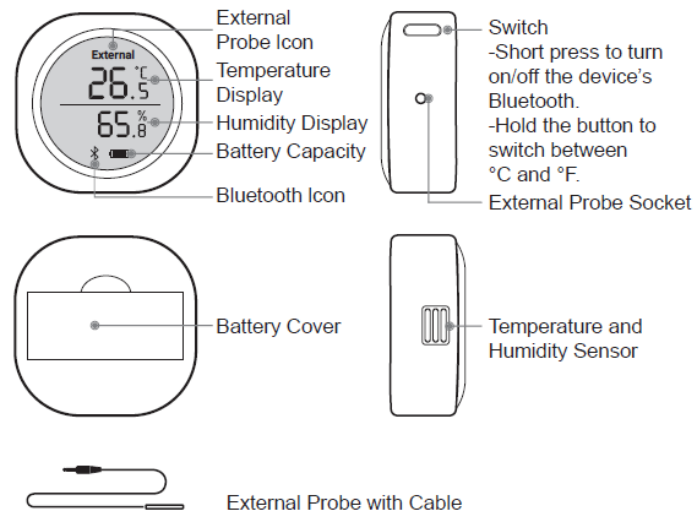
- **Can't Connect to Bluetooth:**

- **Causes:** Incorrect phone settings, incorrect operation, device malfunction.
- **Solutions:** Check phone Bluetooth and location permissions, clear Bluetooth cache, and select the correct model in the app.

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.

Specifications

Dimensions	63.5mm*20mm (2.50x0.79 in)
Weight	53g (1.87oz)
Battery	2x AAA Batteries (Not Included)
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	0RH~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 for the keyword “Engbird” in the App Store or Google Play, or scan the following QR code with your phone.

Download and install it for free.



Engbird APP



Android



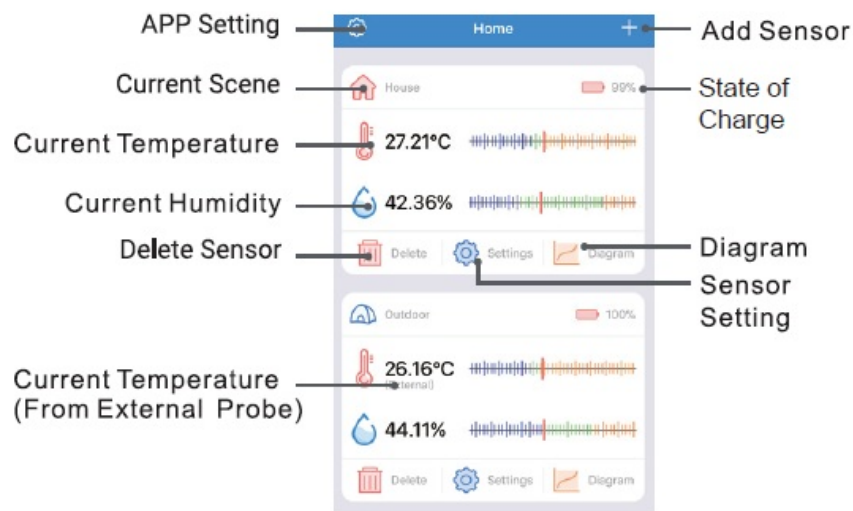
IOS

2. Pair with the Phone

Open the APP, add the sensor, and pair with your smartphone.

3. Get the Data

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



Warning

1. Please do not disassemble the product if you are not a professional.
2. Please check whether the sensor is covered with dust before using; otherwise, it might lead to inaccurate measurements.
3. Do not use alcohol to wipe the sensor.
4. Children should be under adult supervision when using it.
5. Changing the battery will result in data loss.

Troubleshooting Guide

Issues	Causes	Solutions
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Inaccurate	1. Water or	1. Adjust the position of the device.
humidity	condensation	Leave it for a while so that the reading can be done
g.	Enters the probe.	Can stabilize. 2. Check whether the probe port is
	2. The probe	blocked.
	port is	3. Use the calibration function
	Blocked. 3. Device	to calibrate.
	Malfunction.	
Inaccurate	1. It is placed in a	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 blocked. 3. Use the calibration function to calibrate.
tempera-	area with poor	
true reading.	Temperature circulation.	
	2. The probe port is	
	Blocked.	
	3. Device	
	Malfunction.	

Issues	Causes	Solutions
Can't connect	1. Incorrect phone settings.	1. Turn on the Bluetooth and location permissions of the phone,
to Bluetooth.	2. Incorrect operation 3. Device	and make sure that the permissions of the app on the phone settings are all agreed.
	Malfunction.	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

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.



Frequently Asked Questions


- **Q: How can I obtain an instruction manual in Italian?**

A: Scan the QR code provided in the manual to visit the official website and access the Italian instruction manual.

- **Q: What should I do if I still can't connect to Bluetooth after following the troubleshooting steps?**

A: If you are unable to connect to Bluetooth after troubleshooting, please contact customer service at support@inkbird.com for further assistance.

Documents / Resources

	<p>INKBIRD IBS-TH1 PLUS Temperature and Humidity Smart Sensor [pdf] Instruction Manual</p> <p>IBS-TH1 PLUS Temperature and Humidity Smart Sensor, IBS-TH1 PLUS, Temperature and Humidity Smart Sensor, Humidity Smart Sensor, Smart Sensor</p>
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References

- [User Manual](#)

💡 Humidity Smart Sensor, IBS-TH1 PLUS, IBS-TH1 PLUS Temperature and Humidity Smart Sensor, INKBIRD, Smart Sensor, Temperature and Humidity Smart Sensor

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