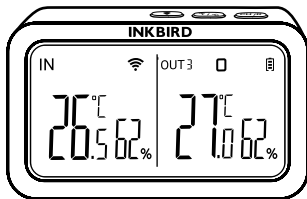


# INKBIRD

## WiFi Gateway for Thermometer and Hygrometer



**IBS-M2**

U S E R M A N U A L



### ***Warm tips***

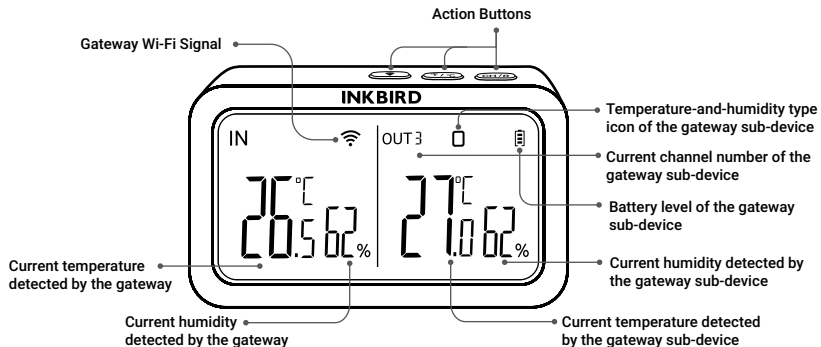
- To quickly jump to a specific chapter page, click on the relevant text on the contents page.
- You can also use the thumbnail or document outline in the top left corner to quickly find a specific page.

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# 1. Product Introduction

The IBS-M2 Wi-Fi Gateway can be used independently or with a corresponding Bluetooth/wireless thermometer and hygrometer.



The INKBIRD Wi-Fi Gateway is specially built for some INKBIRD Bluetooth/Wireless devices, offers mobile network connectivity, and ensures that all synchronized devices can be managed with the INKBIRD app.

## 2. Specification

Input Voltage	DC 5V, 1000mAh
Maximum Bluetooth Connection Distance	164ft without interferences
Maximum Wireless Connection Distance	300ft without interferences
Temperature Measurement Range	-10°C~60°C (14°F~ 140°F)
Temperature Measurement Accuracy	±1.0°C (±1.8°F)
Temperature Display Accuracy	0.1°C (0.1°F)
Humidity Measurement Range	0~99%
Humidity Measurement Accuracy	±5%
Humidity Display Accuracy	1%

Maximum Number of Devices Supported	9
Warranty	1 Year

## 3. App Connection

### 3.1 Download the INKBIRD App



The INKBIRD Wi-Fi Gateway is specially built for some INKBIRD Bluetooth/Wireless devices, offers mobile network connectivity, and ensures that all synchronized devices can be managed with the INKBIRD app.

**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.

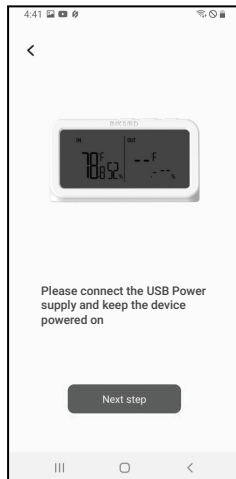
3.2.3 Registering an account is necessary before using the INKBIRD app for the first time.

## **3.3 Connect to your phone**

**3.3.1 Open the app and click the “+” to select IBS-M2 to start the connection.**

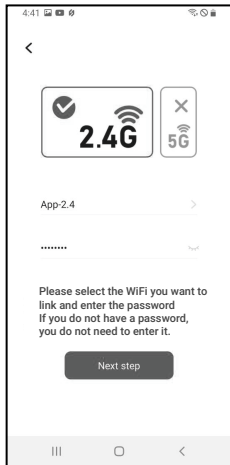



**3.3.2 Plug into a USB power supply, power on properly, and click Next Step to continue.**

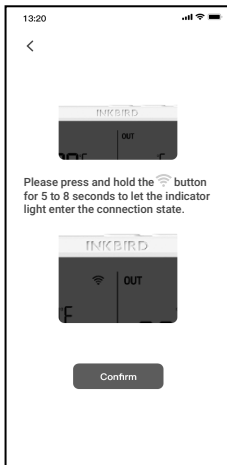




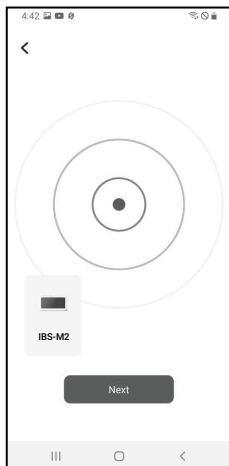
**3.3.3 Select the Wi-Fi to connect to, enter the password, and click Next Step to continue.**



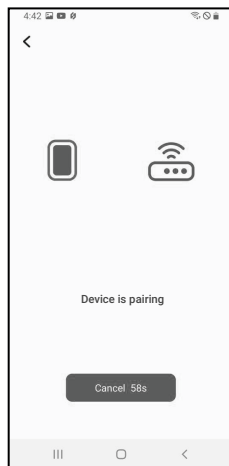
**3.3.4 Press and hold the  button on the device until the Wi-Fi indicator flashes to enter the pairing state, then click Next Step to continue.**



**3.3.5 Your phone will automatically enter the device scan page. Once the device is found, click Next Step to continue.**



**3.3.6 The device is automatically pairing the network.**



### 3.3.7 Pairing is successful.



**Note:** If pairing fails, unplug the power supply and restart the device, then repeat steps 3.3.1~3.3.6 to try again.

### 3.4 Reset the Wi-Fi Network

Press and hold the  button for 5~8 seconds to reset the Wi-Fi network.

## 3.5 Main Interface of INKBIRD App



## 3.6 Add Sub-Devices

a.First, plug in the gateway host and power it on properly, then follow step 3.2 to start the app connection. Skip this step if the connection is already complete.

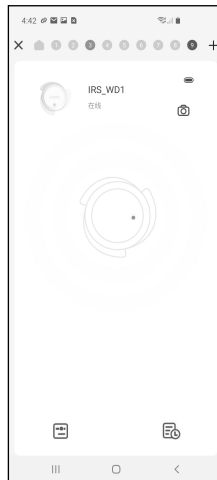
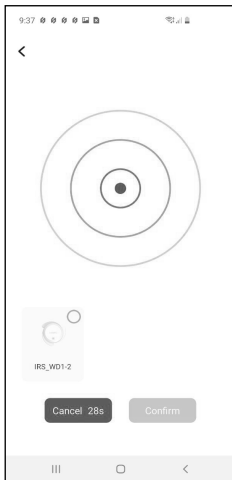
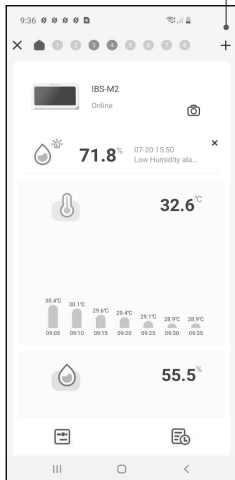
b.Second, install the batteries for the sub-device and power it on properly. Be careful to place it as close as possible to the gateway host.

c.Add sub-devices through the app, as shown in the following figures. Choose the relevant device to be added, the sub-device will automatically establish a connection, add the device, and display the channel number of the sub-device.

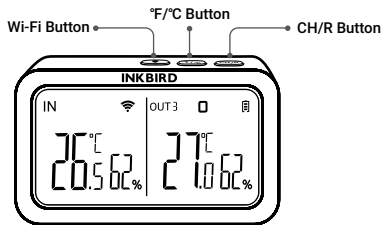
**Note:**

If adding a device fails, remove the sub-device battery and repeat steps b~c to try again.

Click "+" to add a device



## 4. Action Button Instructions



### Wi-Fi Button:

- Press and hold it for 5 seconds to reset Wi-Fi and pair it with the network again.

### °C/°F Button:

- Press it to switch the temperature unit between °C and °F.

### CH/R Button:

- Press it to switch between the channels (CH1, CH2, CH3...CH9), the screen will display the measured temperature of the chosen channel (CH1, CH2, CH3...CH9). If CH0 is selected, the measured temperature of each channel will be displayed alternately for 3 seconds.
- Press and hold it for 5 seconds to reset the registration of all gateway sub-devices (transmitters). We should place gateway sub-devices (transmitters) close to the

gateway, then add sub-devices through the app so that they can reconnect and complete the registration.

## **5. Safeguards**

- Please do not disassemble the product if you are not a professional.
- Be sure that the sensor is not covered with dust as dust may lead to inaccurate measurements.
- Do not use alcohol to clean the sensor.

## **6. 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.



## **7. 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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