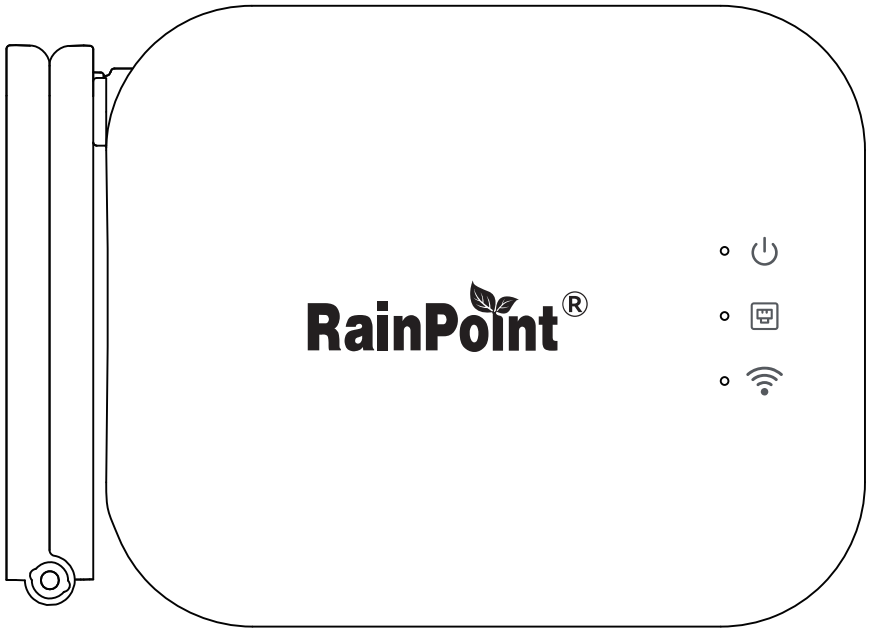
RainPoint®
More Than Water Saving

Save the user manual for future reference.
If you have any questions, please contact us to get support.

WiFi Gateway
USER MANUAL



Model No. HWG040WLBRF

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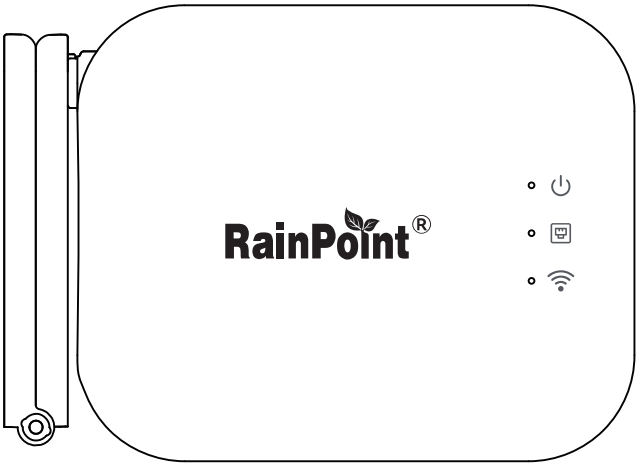
1. PRODUCTION

1.1 What's in The Box



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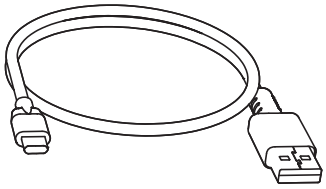

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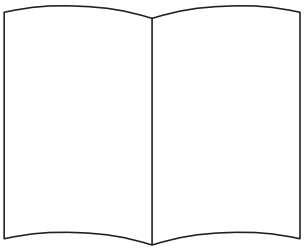

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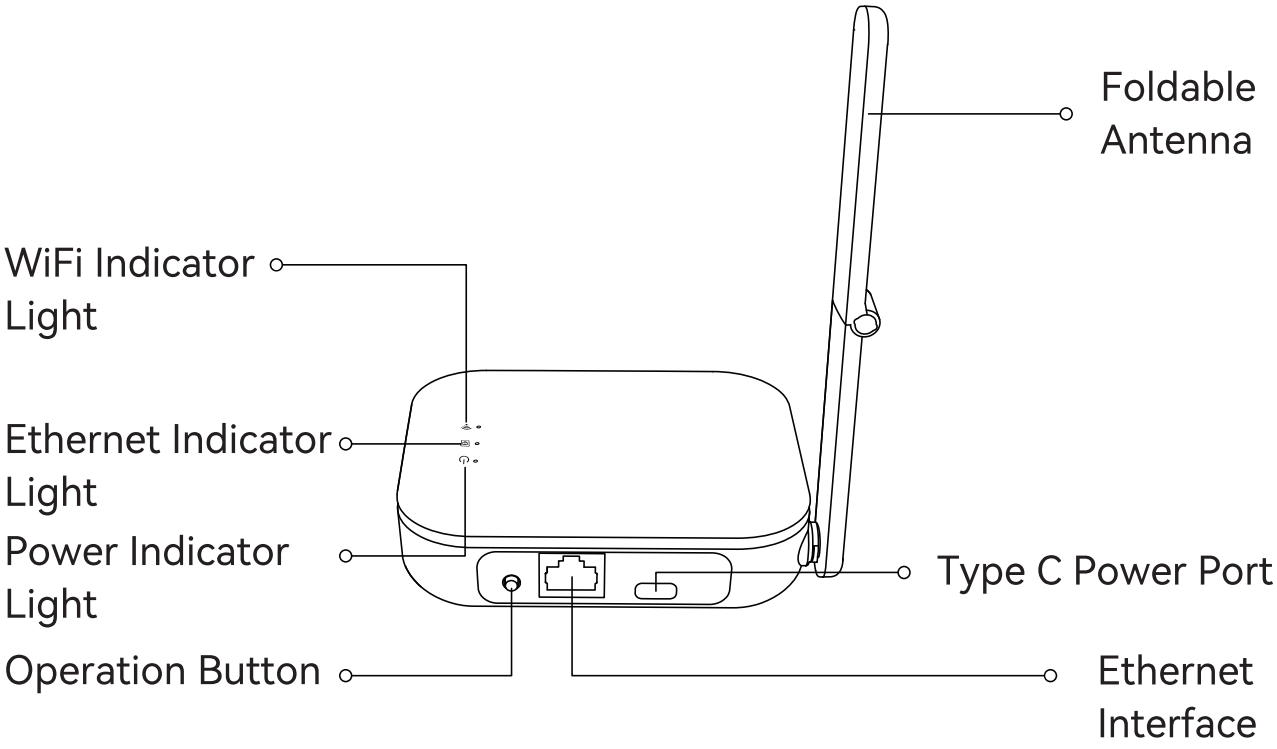
1. HWG040WLBRF WiFi Gateway*1
2. TYPE-C USB Cable*1
3. User Manual*1

1.2 Product Overview



Button and indicator function: Press and hold the button for about 5 seconds to activate WiFi connection mode, and the WiFi indicator light will begin to flash.

1.3 Specification

- **Working Voltage:** 5V
- **Working Temperature Range:** 3℃-40℃(37.4℉-104℉)
- **Powered By:** Type-C USB Cable

2. CONNECTION AND INSTALLATION

2.1 Install the RainPoint Home APP

a. Search for **"RainPoint Home"** in the Google Play/App Store or scan the QR code to download the app.

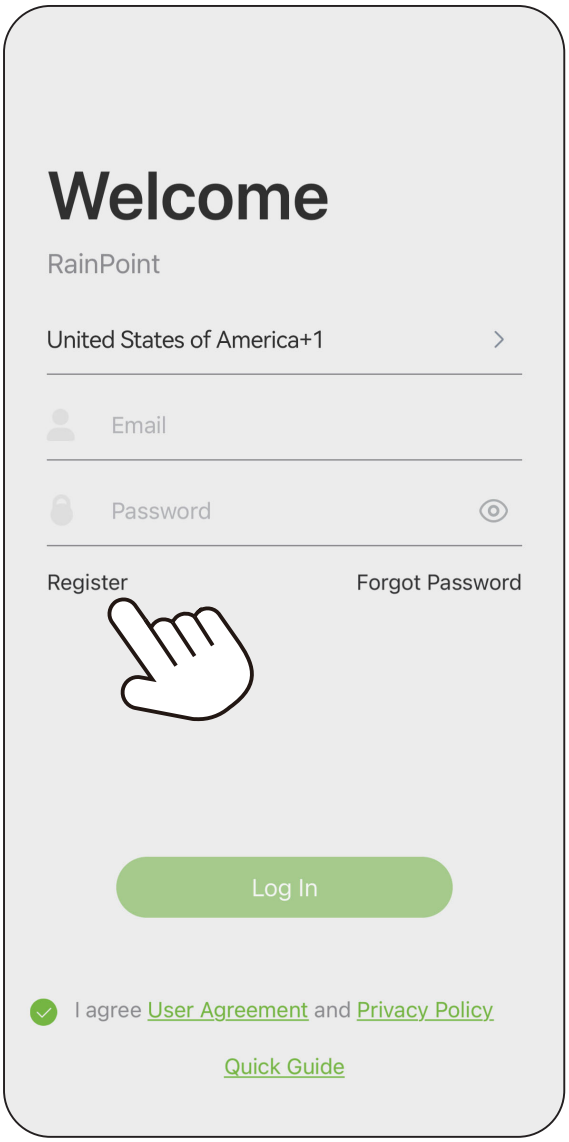
Download on the App Store

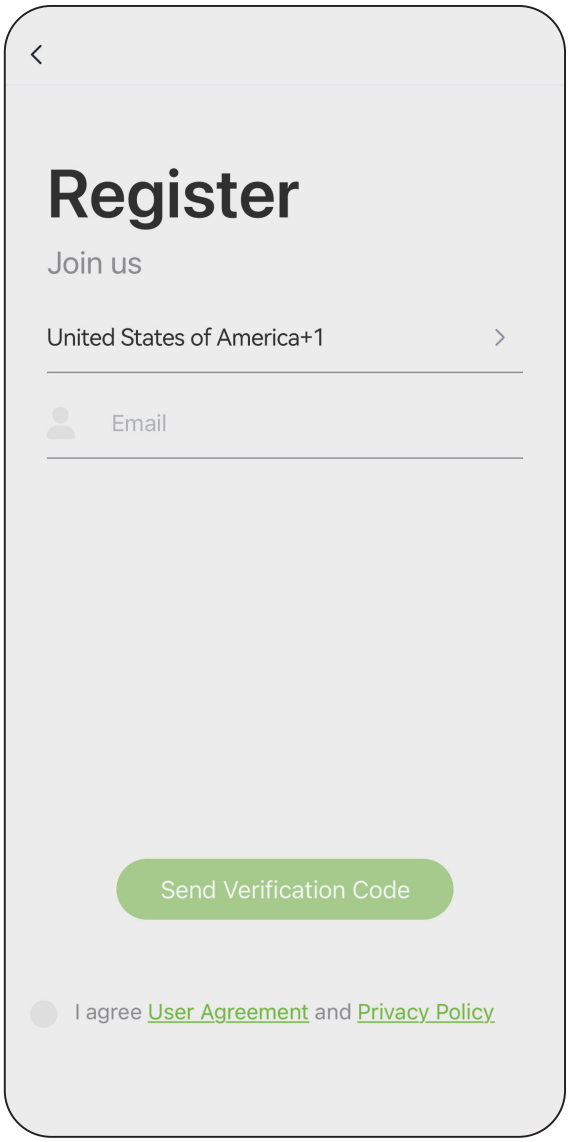
GET IT ON Google Play

iOS

Android

b. Register Your **"RainPoint Home"** account: Open the **"RainPoint Home"** app and select **"Register"**. Follow the prompts to create a **"RainPoint Home"** account using your email or phone number.





2.2 Connection Steps

2.2.1 Preparation for Connection

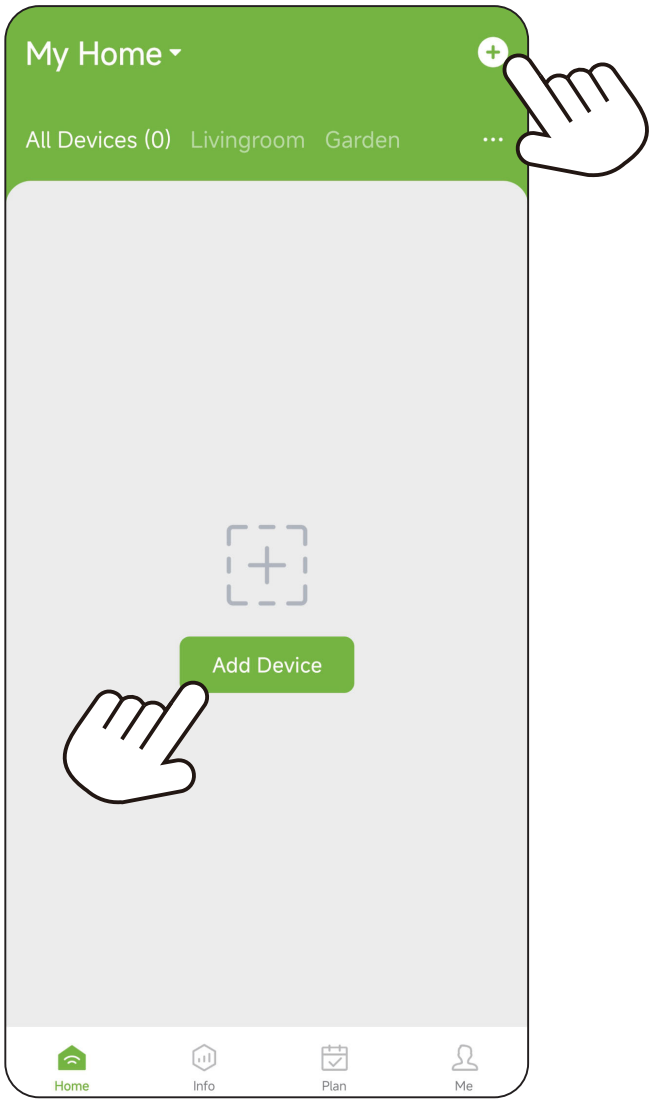
To ensure your gateway connects to your phone, it must meet the following requirements:

- Before using the **RainPoint Home** app to connect the device, please ensure that your phone is connected to a **2.4GHz WiFi network**, as the gateway must operate on 2.4GHz WiFi.
- **iOS Requirements:** iOS 11.0 (or later) mobile device with cellular data or WiFi service.
- **Android Requirements:** Android OS 6.0 (or later) mobile device with cellular data or WiFi service.
- Do not use public Wi-Fi networks.
- During the pairing process, keep the gateway and your phone within 10 feet (3 meters) of each other.
- If you need to change the connected WiFi network, press and hold the operation button on the gateway to reset it (please refer to 4 RESET THE DEVICE in the manual for instructions) and reconnect.

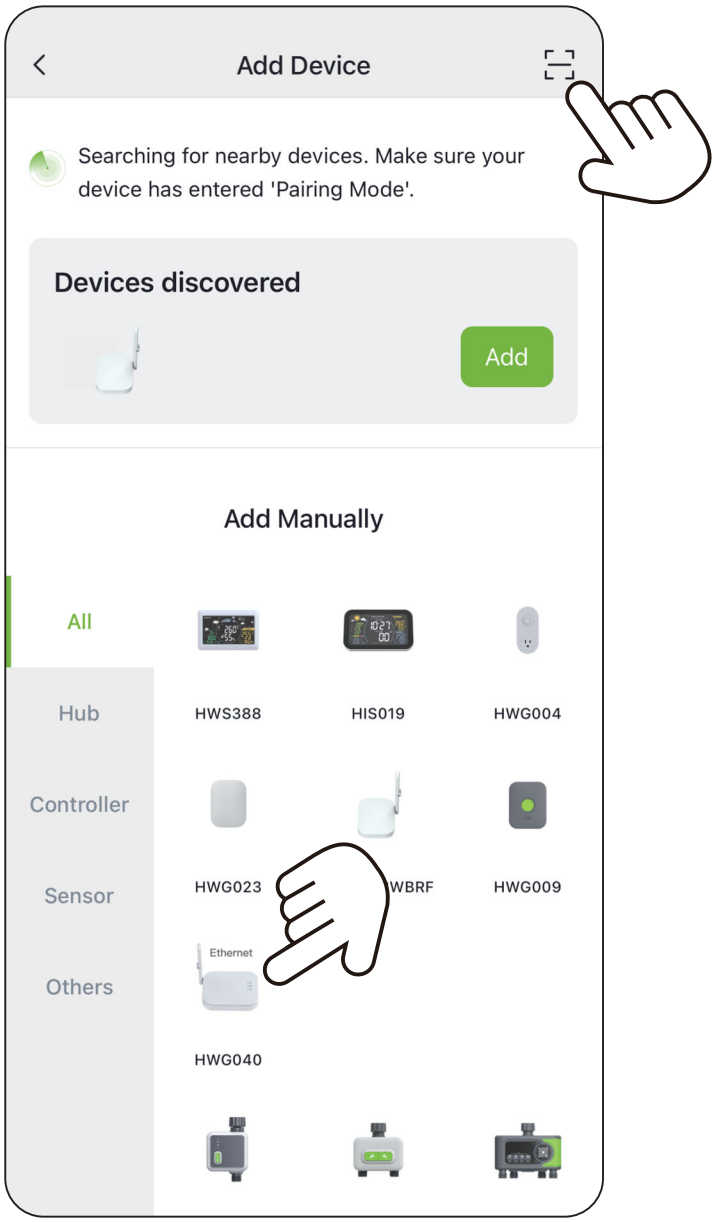
2.2.2 WiFi Connection

Follow the steps below to complete the device connection, ensuring that the gateway is close to the router during the connection process.

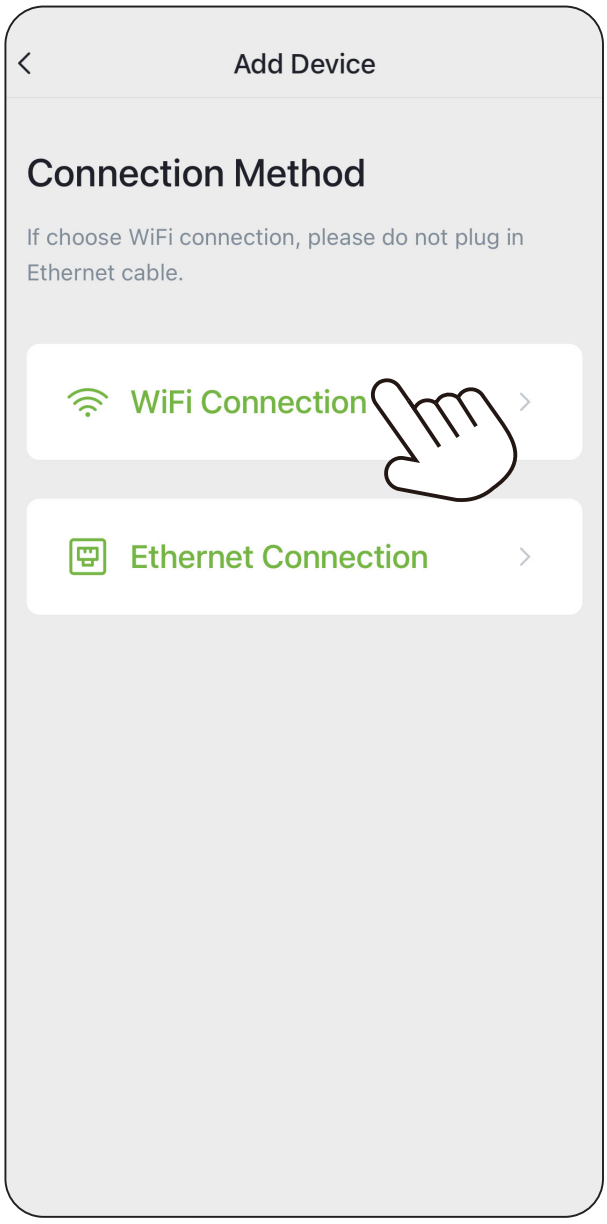
a. Select the **"+"** icon in the top right corner of the app homepage to add a device, or you can click the **"Add Device"** on the app homepage to add a device.



b. Find and tap **"HWG040"** or scan the SN code on the gateway to add the device, then proceed to the next step.

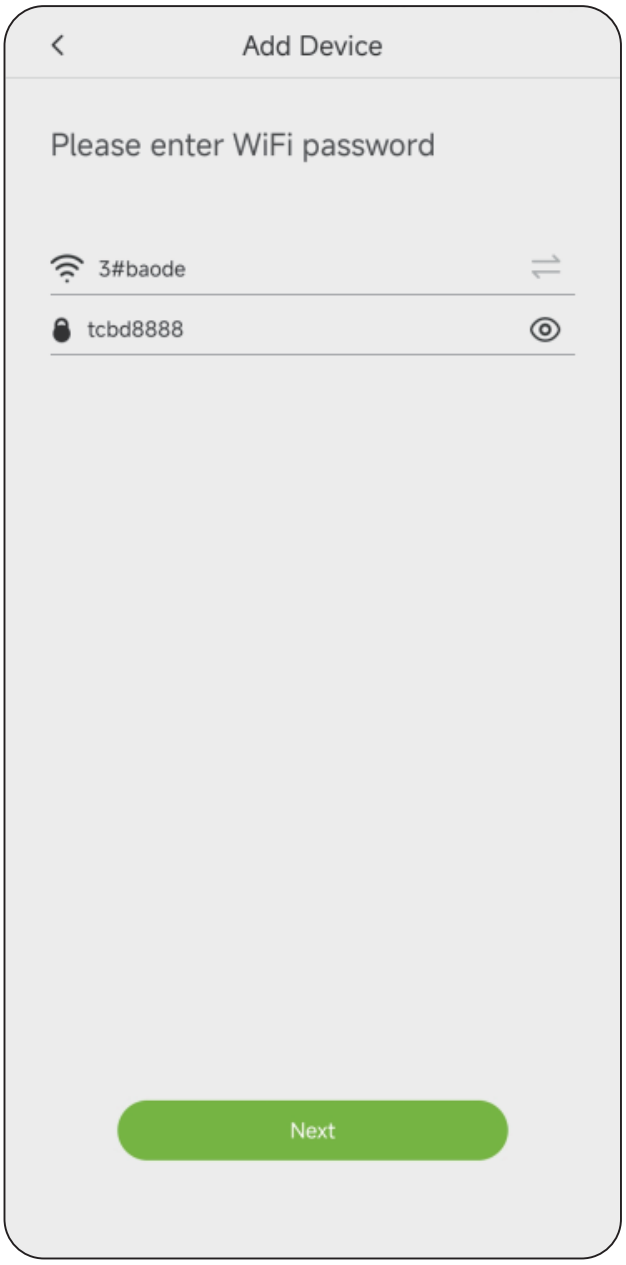


c. Choose **"WiFi Connection"**.



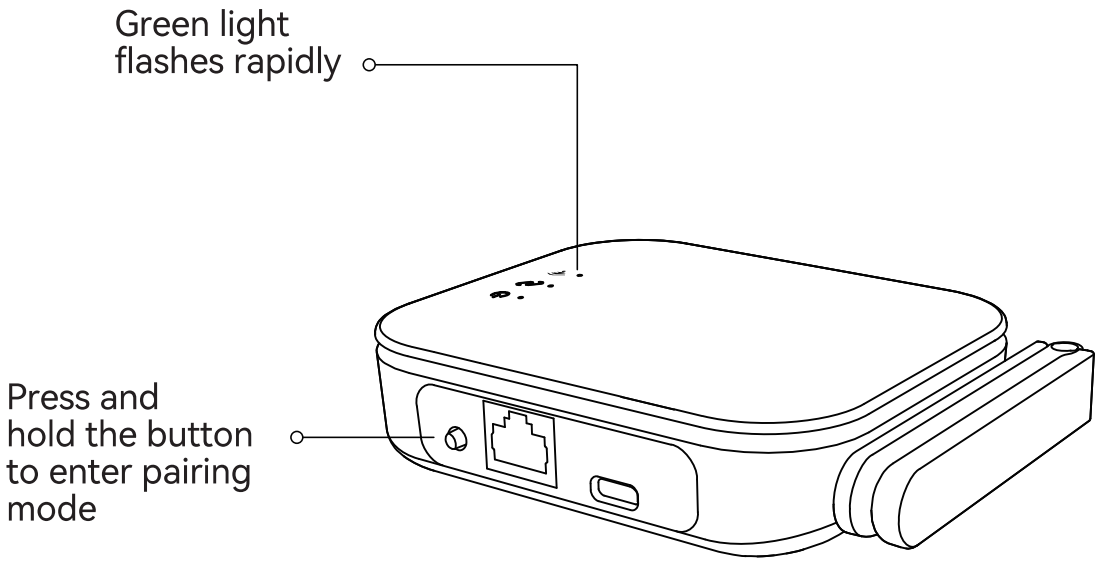
d. Enter the WiFi password and click **"Next".**

NOTE: Please make sure to connect to your 2.4GHz WiFi for the device pairing.



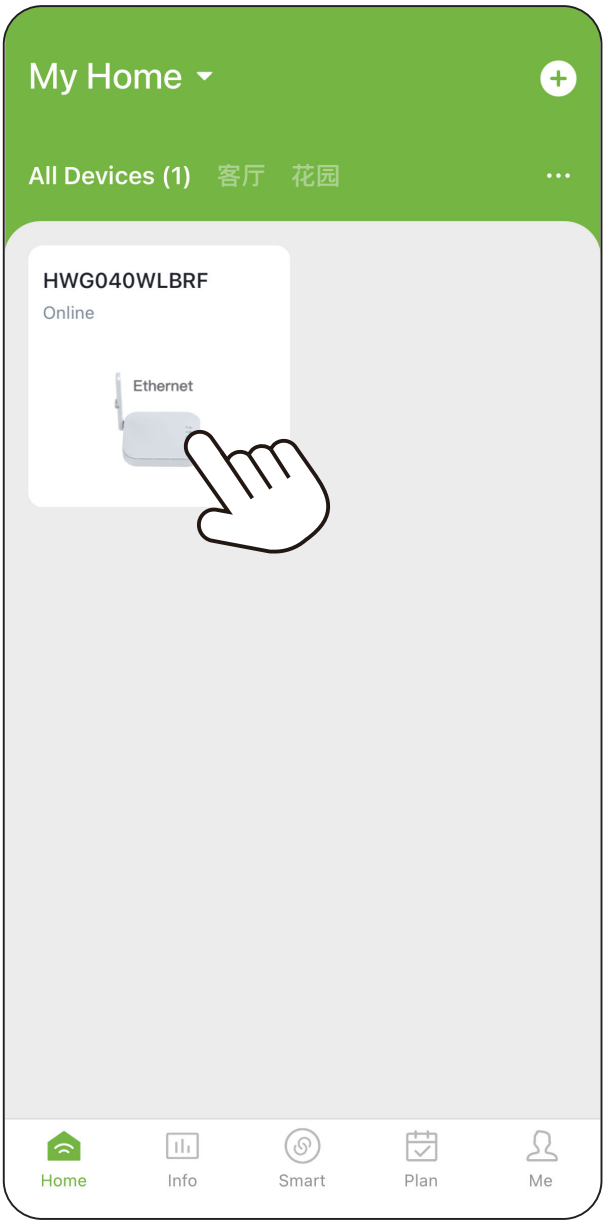
e. Follow the prompts on the page to complete the connection.

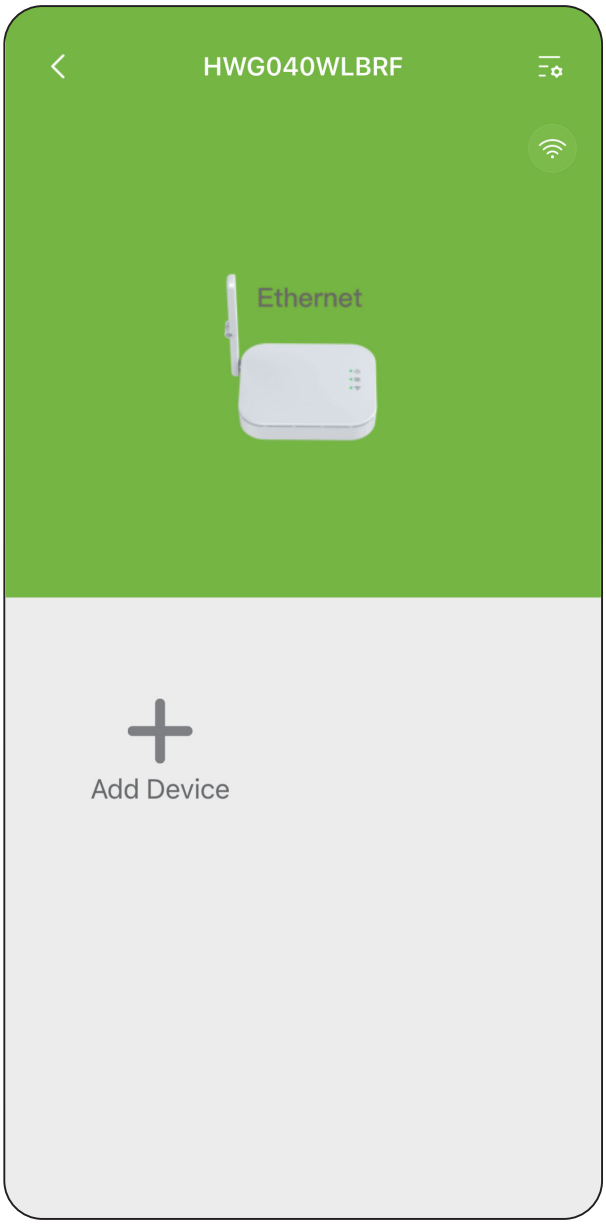
① Power the gateway using the type-C USB cable.
② Press and hold the button until the WiFi connecting light on the device flashes Green rapidly, indicating that the device is in pairing mode.



f. Click **"Next"** to enter pairing mode in the app.

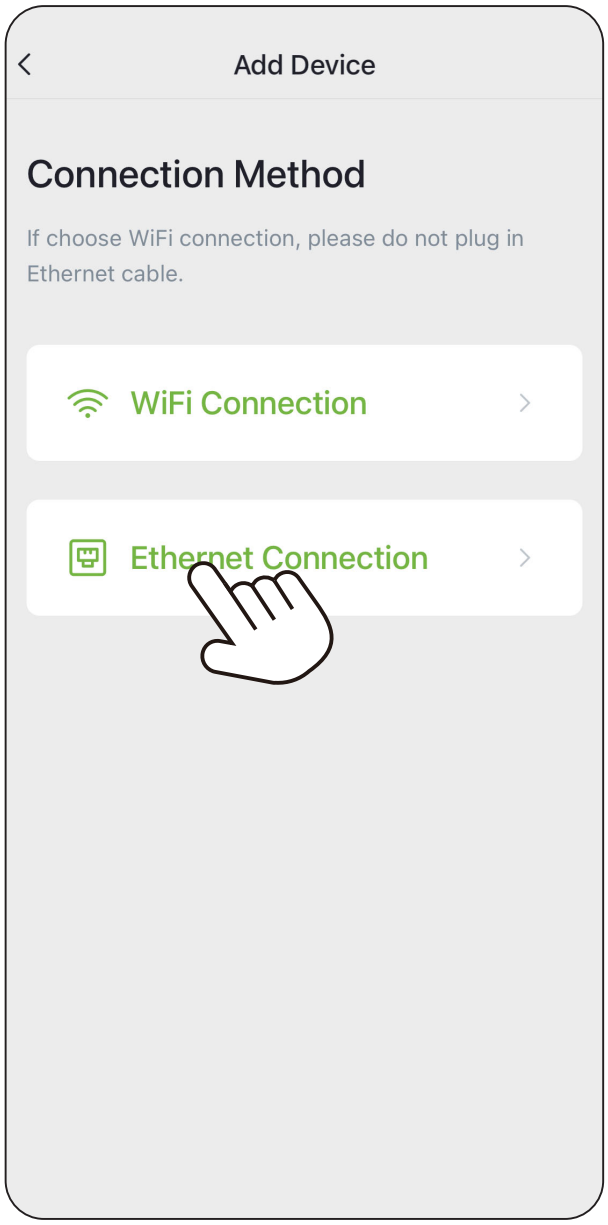
f. Congratulations! The device has been successfully connected, and the gateway icon will display on the app homepage. You can click the gateway icon on the app homepage to enter the gateway homepage for more settings of the device.



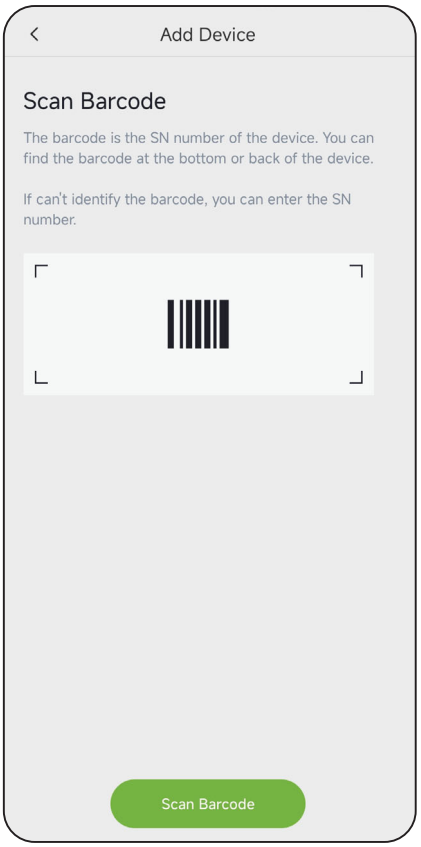


2.2.3 Ethernet Connection

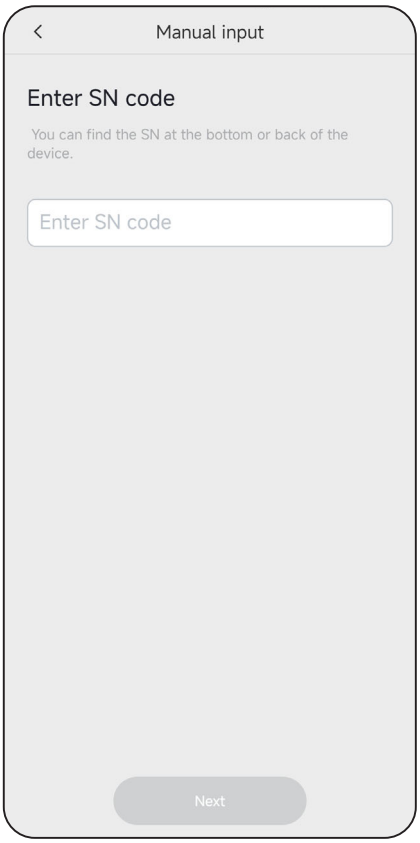
a.Open the **"Add device"** page, select the **"HWG040"** device, and then choose **"Ethernet Connection"**.



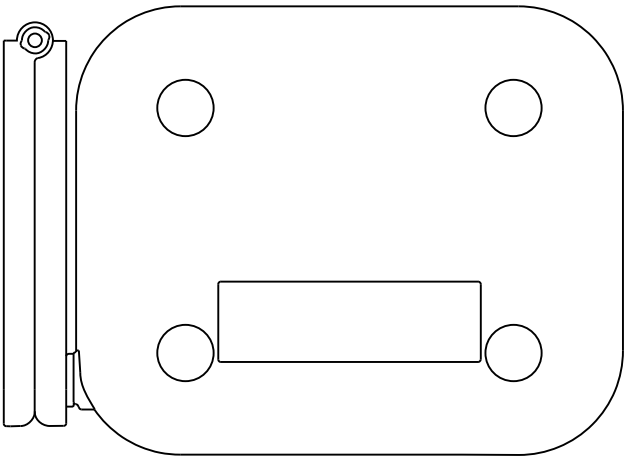
b. Scan or enter the SN code on the device to proceed to the next step of device connection.



Scan the SN code

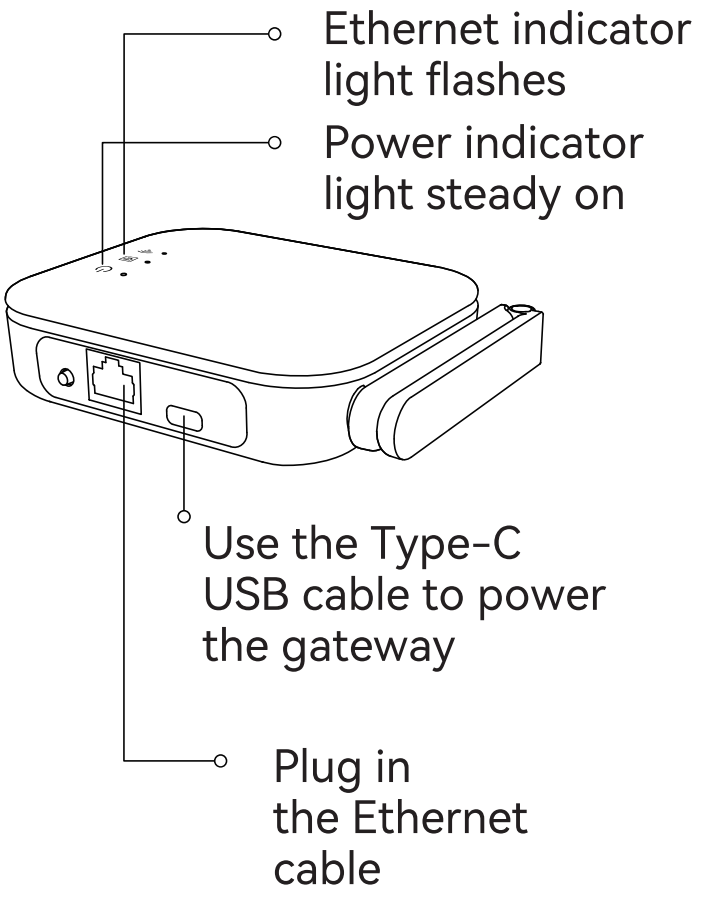


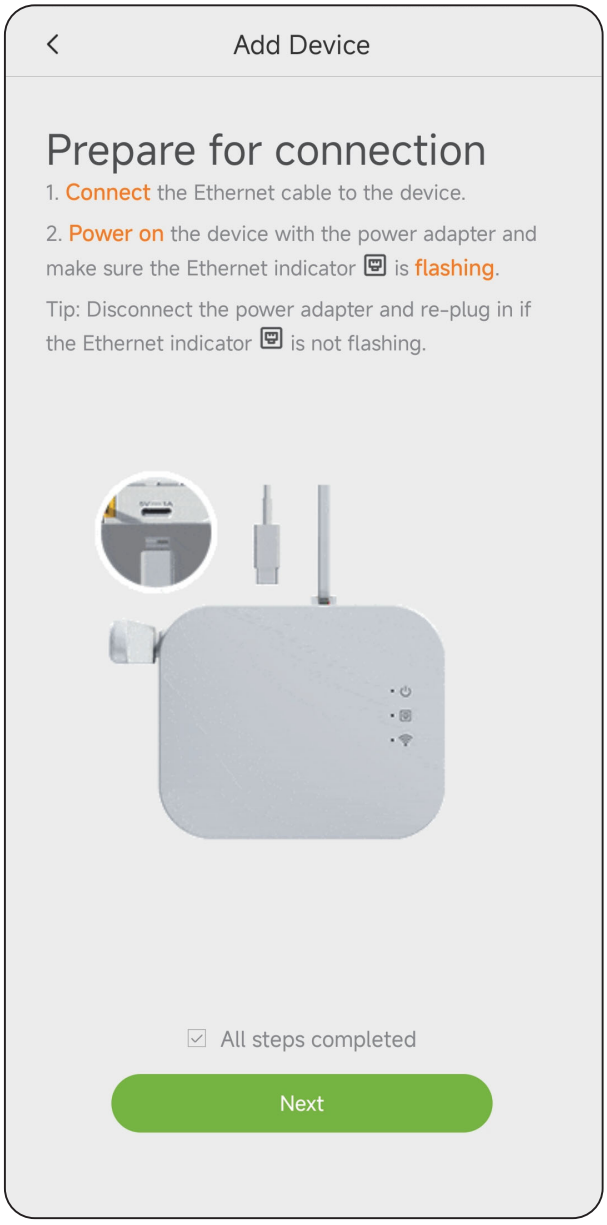
Enter the SN code



NOTE: When scanning the device's SN code, the app requires access to your phone's camera permissions.

c. Plug in the Type C USB cable to power the gateway and connect the Ethernet cable. When the Ethernet indicator light starts flashing, the gateway enters connection mode. Then click **"Next"** to continue automatically adding the device.





NOTE: If the Ethernet indicator light does not flashing, please power off the gateway, unplug the type-C USB cable, and then plug it back in. Try this several times; if there is still no response, please contact us, and we will provide you with a solution.

US toll free: +1 833-381-5659 (Mon-Fri: 9:30 AM-5:30 PM PST)
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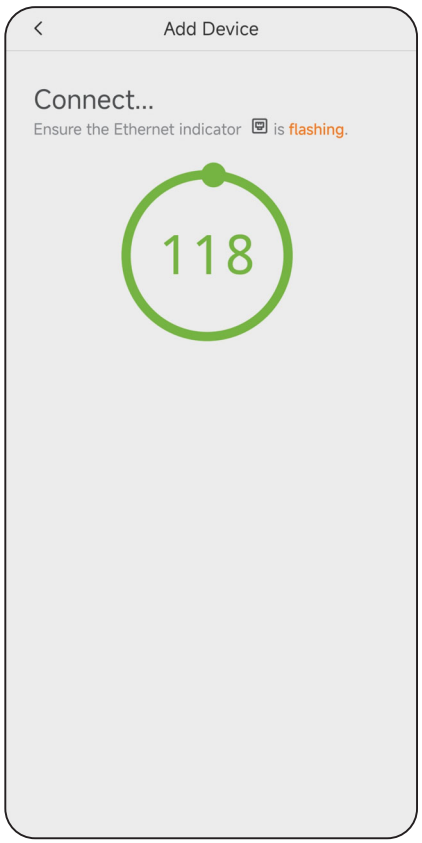
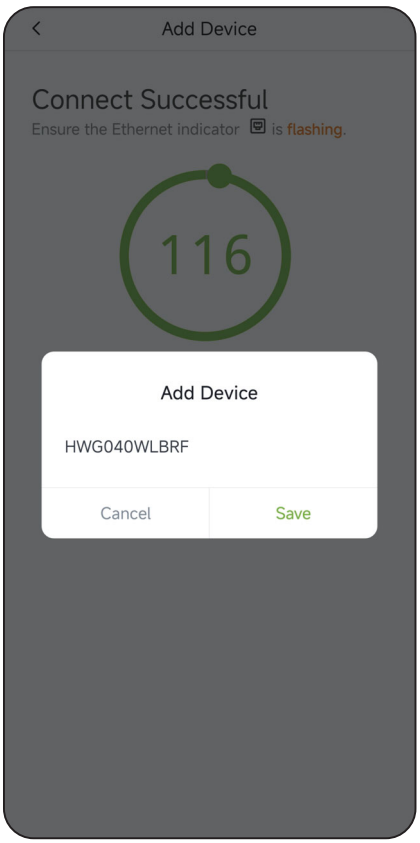
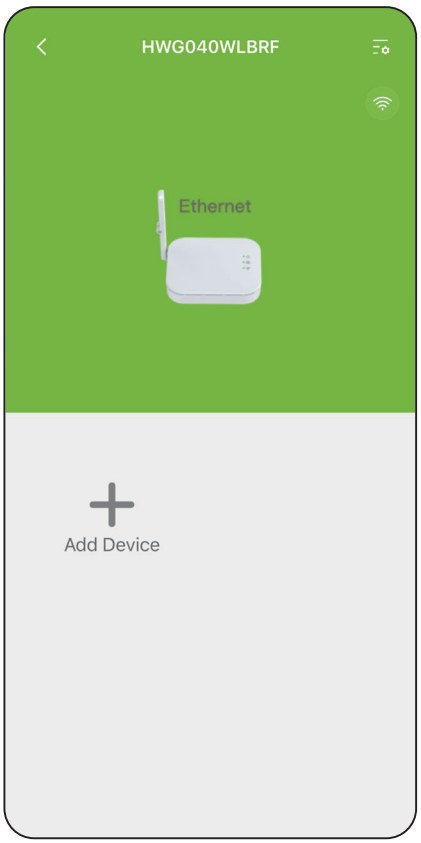
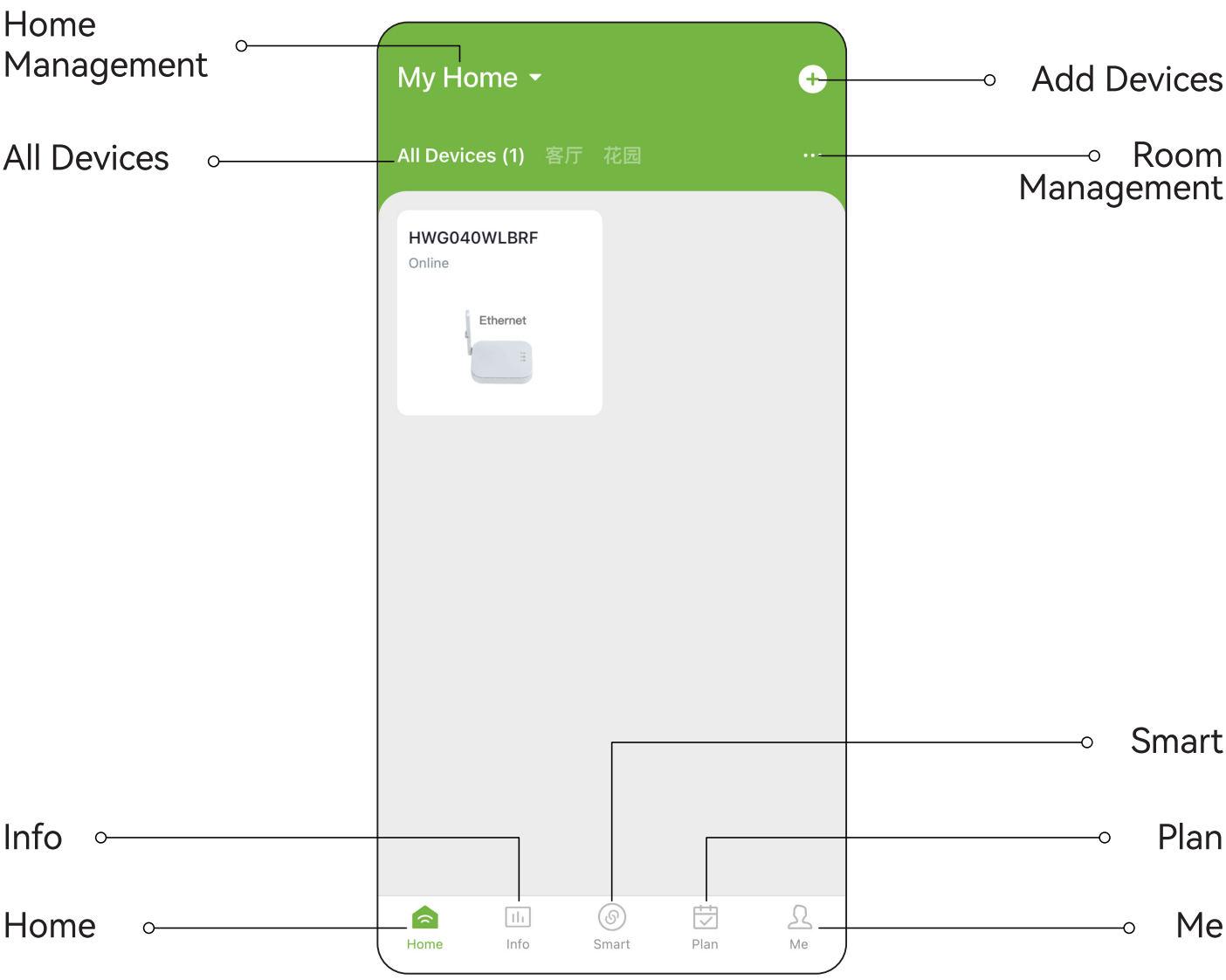






3. APP INTRODUCTION

3.1 APP Homepage



Home Management
You can locate your home, customize the home name and add family members or add other homes. It is convenient for you to manage irrigation schedules for different residences.

All Devices
A check list of all the devices you have connected. Tap the icons to enter the operation page of devices you have added to program the operation schedule of the device.

Info
On the "Info" screen, you can check the weather conditions for the next seven days in your area and the next plan time of the devices you have connected.

Home
On the "Home" screen, you can view the connected devices and their online/offline status. You can click on the icon to enter the device's homepage and customize settings for different devices.

Add Devices
You can add multiple RainPoint devices on the APP to create a smart home irrigation system.

Room Management
Room Management is for indoor automatic irrigation system in different rooms.

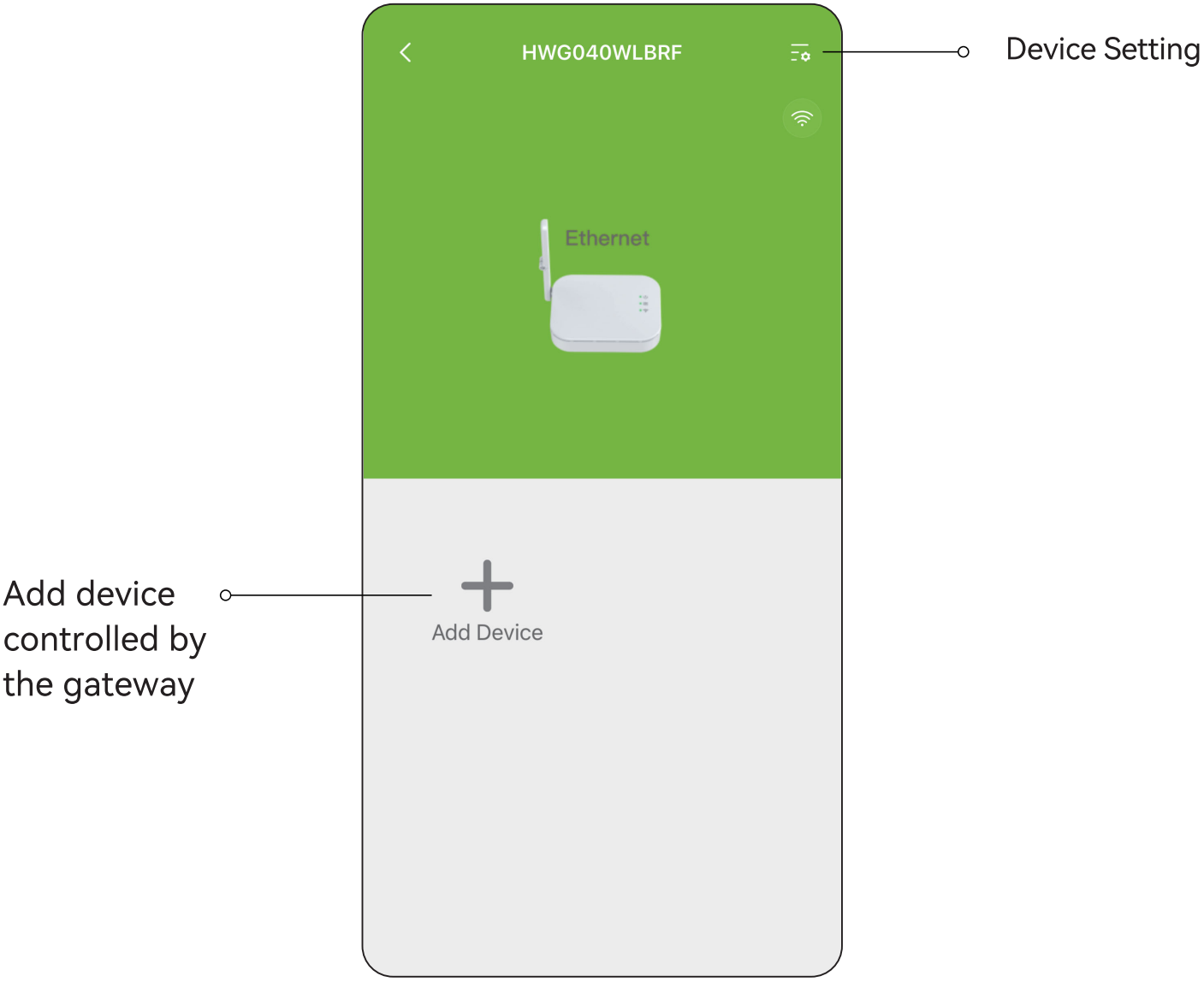
Smart
On the "Smart" screen, you can click the "+" icon in the top right corner or click "Create Smart Scene" to create multiple smart schedules for the device. This allows the valve to automatically open and close when preset conditions are met, enabling watering at desired times.

Plan
On the "Plan" screen, you can view, customize, and turn on or off the watering schedules for the devices. You can also turn on or off the "Rain Delay" function for rainy days and choose its duration from 24, 48, or 72 hours.

Me
On the "Me" screen, you will receive notifications for device online/offline status, irrigation records, and alerts for high temperature under "Event". Get FAQs and user manuals, as well as report issues through "FAQs & Feedback". Connect the water timer to your Google Assistant or Amazon Alexa for voice control of the valve. Adjust language preferences and turn on/off notifications in the "Settings" menu.

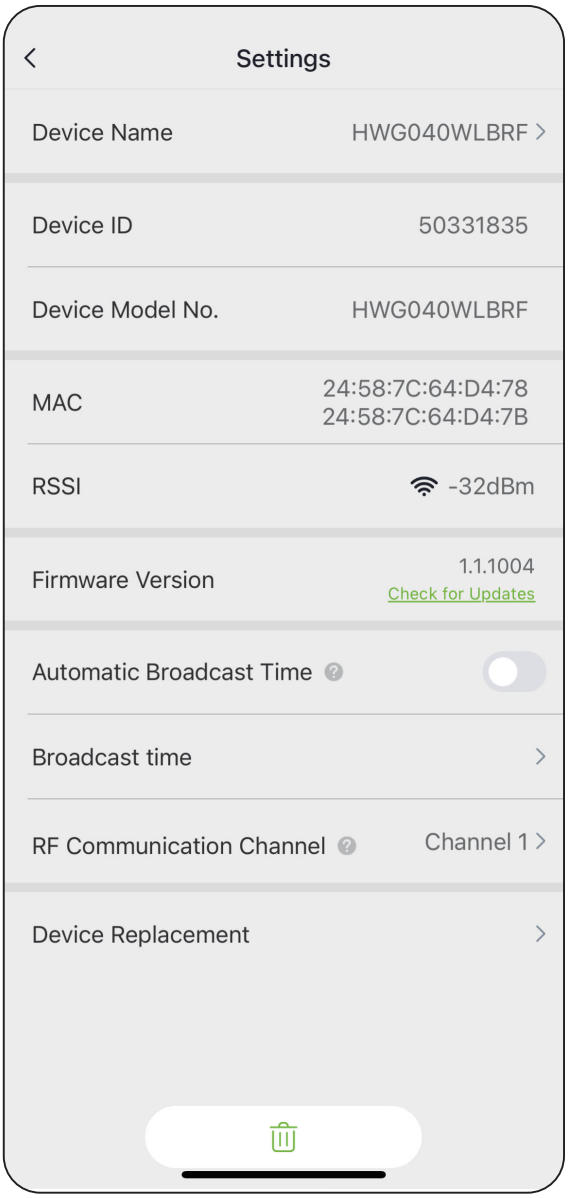
NOTE: After the gateway and device are connected, the device list will be displayed on the app's homepage and the gateway's homepage. You can click on the device icon in the "All Devices" list to enter the device page, or click on it from the gateway's homepage to access the device settings.

3.2 Gateway Homepage



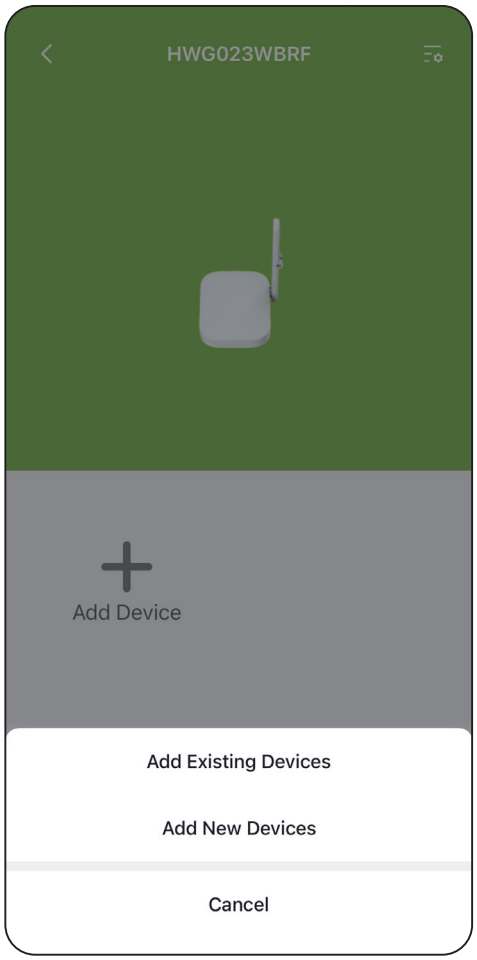
3.2.1 Basic Settings

Find the icon in the top right corner of the gateway's homepage to access the "Settings" page. In the basic settings, you can view the device's basic information and make some fundamental adjustments to the device.



3.2.2 Add Sub-Devices

You can click **"Add Device"** to add a new device or add an existing Bluetooth device.



*One WiFi gateway can connect up to 4 timers. As we have many models of WiFi timers that can connect to the WiFi gateway, if you want to know the models that can use with the WiFi gateway, please contact us for assistance.
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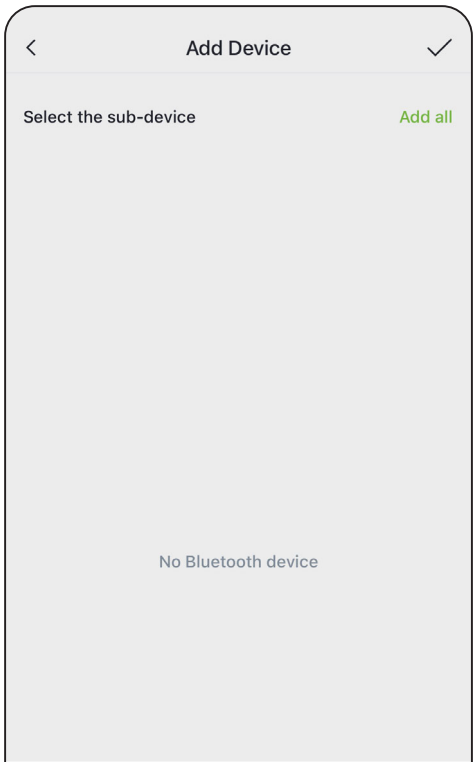


NOTE: If a Bluetooth device is not connected to another Bluetooth gateway, you can add that device to the gateway by clicking **"Add Existing Devices".**

4. RESET THE DEVICE

How to reset the WiFi Gateway?
Power on the gateway with the type-C USB cable. Press and hold the button for 5 seconds until the GREEN LED light flashes quickly.

5. TROUBLESHOOTING

ISSUE	SOLUTION
Gateway is disconnected or offline.	• Please check if the router is functioning properly. • If there was a power outage and then restored, ensure the router is operational; then follow the connection section of this manual to reconnect the gateway. • Check if the WiFi signal is unstable. If the distance between the gateway and router is too far, move the gateway closer to ensure a more stable connection.
The gateway button is unresponsive.	Please contact our customer service department for assistance.

6. LIMITED WARRANTY

We provide a 12-month limited warranty period for the original purchaser/user, which starts from the date of original purchase. The warranty covers any defect in material or workmanship. During the warranty period, we will fulfill its warranty obligations by repairing or replacing the parts or the entire unit covered by the warranty free of charge according to the actual situation.

However, the warranty does not apply to problems caused by: Normal wear and tear; Failure to follow the accompanying operating instructions; Products malfunction resulting from negligence, accident, improper use, maintenance or storage; Products that have been modified or repaired without authorization (including, but not limited to, modifications through the use of unauthorized parts or accessories).

If you contact us to register the warranty, we'll extend the warranty to 5 YEARS free of charge. To activate and extend the warranty to 5 years, please contact us for warranty registration upon receipt of the package.

7. CUSTOMER SERVICE

If you still have trouble with setup, please search for "RainPoint" on YouTube for installation videos!
If the user manual doesn't have what you're looking for or you need assistance, please contact us for help before returning the product to the store.

Our local professional customer service team guarantees hassle-free solutions within 24 hours on working days. If you have any problems with this product or during use, please do not hesitate to contact us, we will try our best to solve it and offer you satisfactory service including replacement or refund.

In order to serve you better, please remember to provide us with your order number and fault description of the product and contact us by:
US toll free: +1 833-381-5659(Mon-Fri: 9:30 AM-5:30 PM PST)
DE toll free: +49 800-182-0576(Mon-Fri: 9:00 AM-5:00 PM CET)
UK toll free: +44 800-808-5337(Mon-Fri: 9:00 AM-5:00 PM CET)
Email: service@rainpointonline.com
WhatsApp: +1 626-780-5952

FCC STATEMENT

(FCC ID: 2AWDBHWG040)

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.
2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Warning: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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, 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 of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

EC REP
NAME: VIAJE ELECTRONIC COMPANY LIMITED
ADDRESS: E588, 13 ADELAIDE ROAD, DUBLIN, D02 P950, IRELAND
EMAIL: VIAJEELE@outlook.com

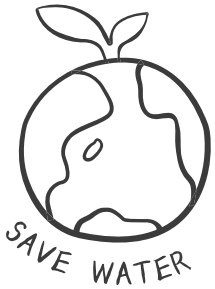
UK REP
NAME: SUJE ELECTRONIC COMPANY LIMITED
ADDRESS: S211 92a Bury Old Road, Manchester, England, M45 6TQ
EMAIL: SUJEELECTRONIC@outlook.com

Manufacturer/Hersteller/Fabricant/Produttore/Fabricante:
FUJIAN BALDR TECHNOLOGY CO.,LTD
ADDRESS/ADRESSE/ADRESSE/INDIRIZZO/DIRECCIÓN:
Floor 3, Building 2, No.71 Yangqi Road, Fuwan Industrial Area, Cangshan District, Fuzhou, China. 350008
EMAIL: service@rainpointonline.com

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

Scan the QR code to
get fast support

Need Help?

Please contact us

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