

RainPoint HWG023WRF WiFi Gateway Hub User Manual

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RainPoint[®] Smart
More Than Water Saving

RainPoint HWG023WRF WiFi Gateway Hub



Product Information

Specifications:

- **Model:** HWG023WRF
- **Power Source:** USB
- **Wireless Connectivity:** WiFi
- **Compatibility:** iOS & Android

Product Overview:

The WiFi Gateway Hub (Model No. HWG023WRF) is designed to provide seamless connectivity for your smart devices. It allows you to control and monitor your devices remotely through a dedicated app.

Button and Light Introduction:

The hub features an Operation Button that can be used to enter smart connection mode or AP connection mode. The Power Indicator and WiFi Connecting Indicator lights provide visual feedback on the hub's status.

Download APP:

To get started, download the HOMGAR app from the App Store or Google Play Store. Alternatively, scan the provided QR code to download the app. Create an account or log in to start setting up your devices.

Smart WiFi Connection:

1. Place the mini box hub near your router.
2. In the app, tap the + button and select Mini Box Hub.
3. Enter your Wi-Fi information as prompted.
4. Press and hold the button on the hub for about 5 seconds until the connecting indicator blinks quickly.

5. Select the check box in the app to search for devices.
6. Add the device by clicking + and customize the device name.

If you encounter issues with a smart WiFi connection, try the AP connection mode or contact customer support.

APP Connection:

If needed, switch to AP connection mode in the app. Press and hold the button on the hub until it blinks quickly, then press it again. Follow the app's instructions to connect your phone to the hotspot provided.

FAQ:

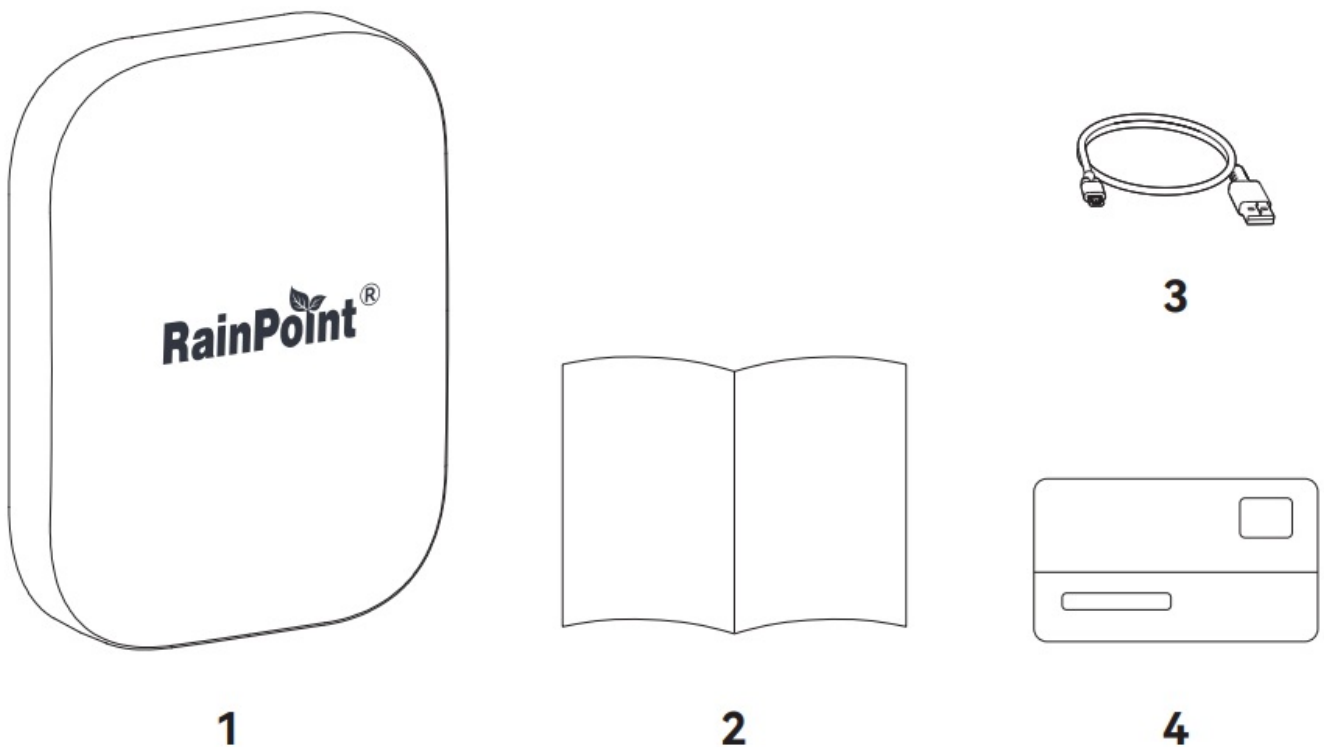
- **Q: How can I troubleshoot connectivity issues with the hub?**

A: If you experience connectivity problems, try switching between smart WiFi and AP connection modes.

Ensure that your Wi-Fi network meets the requirements mentioned in the manual. For further assistance, contact customer support at support@rainpointonline.com.

Welcome to the RAINPOINT family! Please read the manual before using to learn about the features and functions.

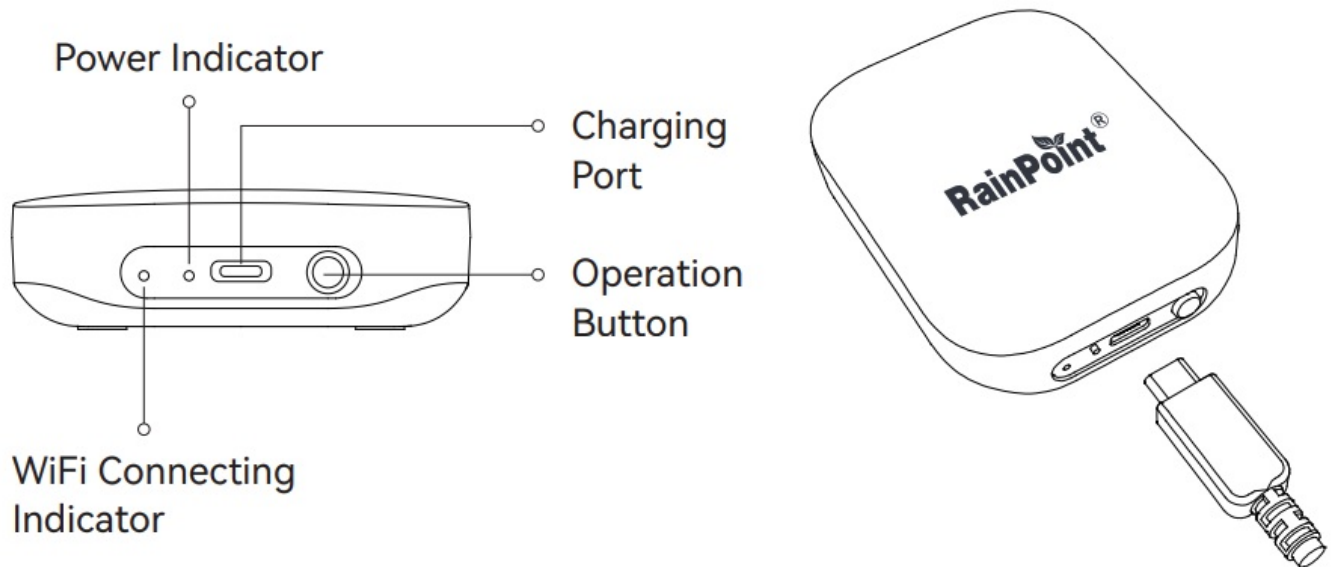
Contents in the box



1. HWG023WRF Mini Box Hub
2. User Manual
3. USB Cable
4. Warranty Card

Introduction

Product Overview



Button and Light Introduction

• Operation Button

- Hold the button for about 5 sec to enter the smart connection mode.
- Press the button one time during smart connection mode to enter AP connection mode.

• Indicator Meaning Table

Power Indicator Light Up	Powered on
Connecting Indicator Blink Quickly	Smart connection mode
Connecting Indicator Blink Slowly	AP connection mode
Connecting Indicator Always Bright	Connected

Specification

- **Range Between WiFi Hub and Router:** 160 ft in the open area without interference.
- **Temperature Operating Range:** 3°C – 40°C (37°F-104°F)
- **WiFi Frequency Band:** 2.4GHz Only
- **Input:** 100-240V ~ 50Hz 16A

Work On APP

Download APP

• Download

- a. HOMGAR APP downloads:



- **b.** Or scan the QR code to download:



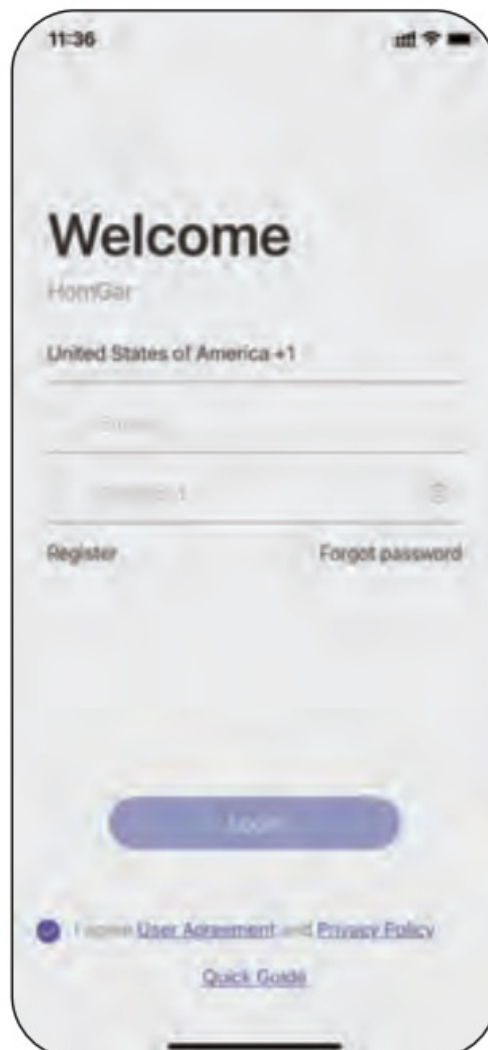
IOS



Android

- **Create an account and log in:**

Follow the instructions to sign up for your account or log in with your existing account and start matching devices!



To assure your the mini box hub to connect to Wi-Fi, it will need to meet the following requirements:

- Please make sure your mobile device is connecting with 2.4GHz Wi-Fi before using HOMGAR app. The hub has to keep staying under 2.4GHz Wi-Fi to work normally.
- When to start and keep Wi-Fi connection, please keep the power on to make sure the hub works normally.
- iOS Requirements: Mobile device with iOS 11.0 (or higher) with cellular or Wi-Fi service.
- Android Requirements: Mobile device with Android OS 6.0 (or higher) with cellular or Wi-Fi service.
- Please do not use public Wi-Fi networks.
- The hub and your mobile device are better to be within 10 feet (3m) during pairing.
- If you need to change the working Wi-Fi network, press and hold the button on the hub to reset your hub and reconnect.

Connection

• Smart WiFi Connection

Plug on the mini box hub near the router and follow the steps below to connect:

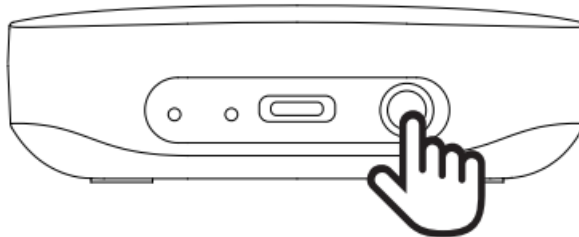
- **a.** After register the account and get into the APP page, find “+” button on the top right corner of the APP’s Home Page.



- **b.** Select “Mini Box Hub”, then enter the Wi-Fi information and go next.



- **c.** Follow the guide on the APP to press and hold the button on the mini box hub for about 5 seconds until the connecting indicator quickly blinks.



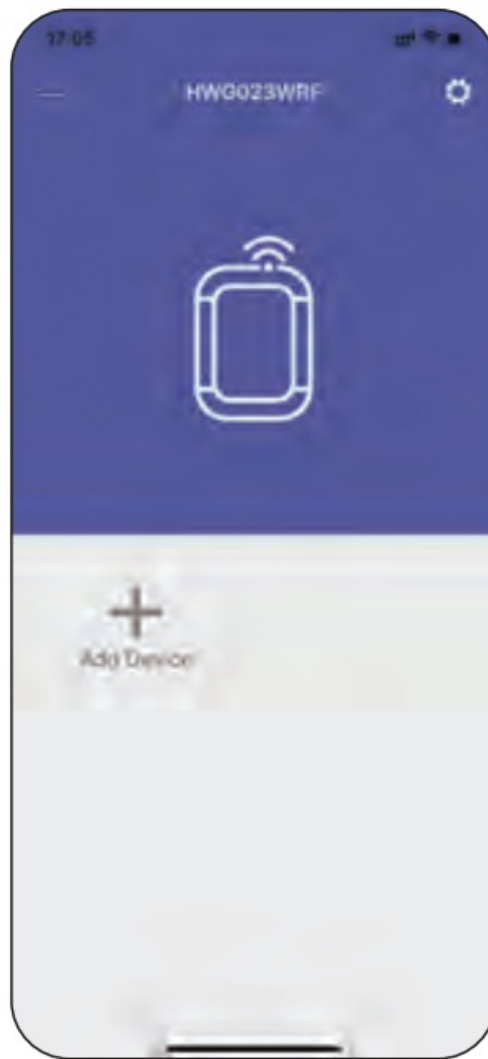
- **d.** Select the check box and go “Next” to start searching devices.



- **e.** When device found, please click “+” to add the device and edit the device name as your like.



- f. Congratulations! Now you successfully add the device to your APP.



Tips: If you can't connect to the hub through the smart WiFi connection mode, please try the next AP connection mode or contact the customer support team.

Email: support@rainpointonline.com

APP Connection

- When in the connection step before searching, click Switch Mode in the upper right corner to switch to AP connection.

Follow the guide on the APP to press and hold the button on the hub for about 5 seconds until it quickly blinks. And then short press the button again.

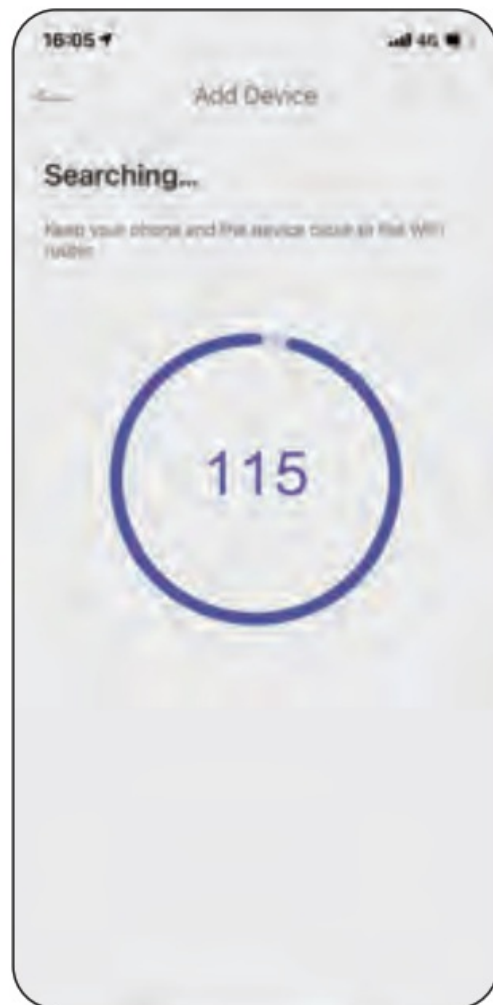


When the Hub LED flashes slowly, tick the checkbox on the APP, click “Next”, then follow the wizard and click “Go Connecting” to connect your phone to the hotspot (HomGar_xxxx).



Note: If the mobile device pops up that there is no signal and needs to switch to WiFi, please do not switch, please keep the selected hotspot (HomGar_xxxx) to connect.

- Back to the app and click "Next" to continue adding devices automatically.

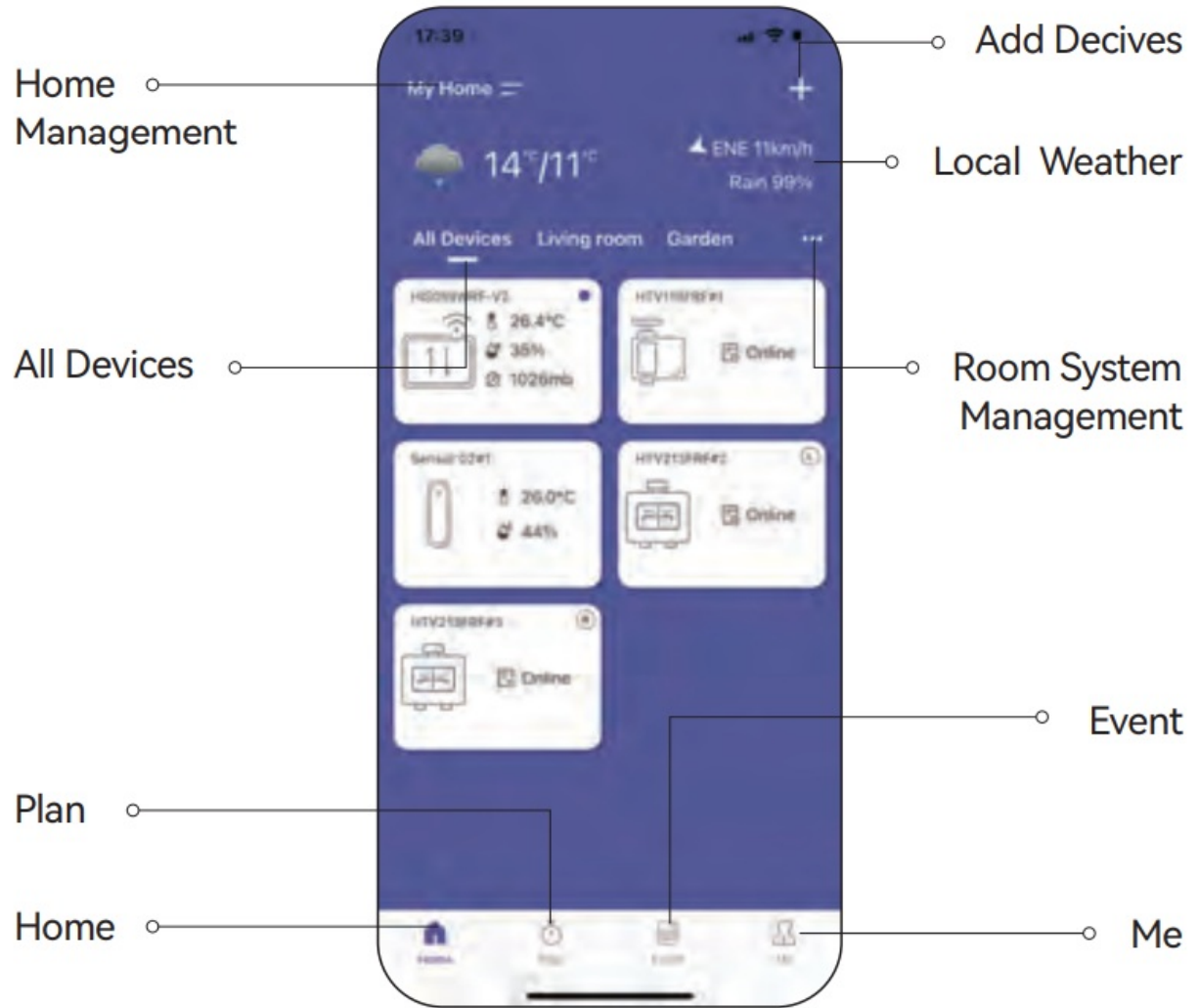


APP Overview

• APP Home Page

- **Home Management:** Set home name, location and other information to manage your home environment monitoring system more intelligently and accurately.
- **All Devices:** All added devices will be displayed here.
- **Room Management:** The related devices list of each room will be displayed here.
- **Weather Data:** After setting the location of the home, the corresponding weather data will be displayed.
- **Add Devices:** Add the Smart+ series devices to start setup your smart home system.
- **Home:** The APP home page.
- **Plan Page:** List all of your irrigation plans that set on water timers. You can manually turn on or off the plan by the button on the right. There is also a manual Rain Delay button in each plan. It is available to check and edit the plans on the specific device plan page.
- **Event:** Review all the events that have occurred. Learn more about how your smart system works.
- **Me and Basic Settings:** Manage your account, home, basic settings, and other options. You can also find unit format and no notification button in these settings.

Notes: After the hub and sub-devices are connected, the selection of the sub-devices will be displayed on both the APP home page and the hub's device page. You can click the device icons in the "All Devices" list to enter the device page, or find them in the "Sub-devices" list on the hub's device page.



- **Device Page**



- **Device Settings**

In the device settings, there are any basic information of the mini box hub and some default settings.



Tips: Timing setting is ONLY worked for precision clock products to calibrate time.

Trouble Shooting

Problems	Solution
Hub disconnection or offline	<ul style="list-style-type: none"> • Please check if the router works normally. • If there is a power shot down and then recovery, and the router is back to work again, please reconnect the socket hub following the connection part of this manual. • Please check if the Wi-Fi signal is unstable. • If the distance between the hub and the router is too far, please move the hub closer to make the connection more stable.
Timer or other sub-devices disconnect	<ul style="list-style-type: none"> • Please check the Wi-Fi signal stable. • If there are any strong signal sources in between hub and devices, please move the devices to another place to avoid interference.
The button or the socket doesn't work	Please contact our customer service for more support and suggestions.

Precautions

- Please make sure to use 2.4GHz band WiFi to connect to this product.
- Do not block the vent, insert fingers, or any objects, as this may cause equipment failure or other conditions.
- Do not use the product near gas, heaters, microwave ovens, and other positions that may cause interference.
- Under freezing temperatures, timers should be removed from the faucet and stored indoors to avoid potential freezing damage.
- Please clean the filter regularly and replace it if worn to prolong the timer's working life.

Warranty Policy

RAINPOINT provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.



FCC Statement

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, under 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.

The device has been evaluated to meet general RF exposure requirements. To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

Customer Support

If you find it difficult to set up and want to watch the setting tutorial video, please subscribe to our channel: Rainpoint on YouTube. Or scan the QR code to visit the RainPoint channel on YouTube quickly. If the app and the user manual don't have what you're looking for, and you need some help, please prepare the Model NO. and LOT NO. of your device and contact us before returning the RainPoint to the store. LOT NO.: XXXXX (on the back of the device)




Need Help?



Scan the QR code for more help. or **Email:** support@rainpointonline.com

Documents / Resources

	<p>RainPoint HWG023WRF WiFi Gateway Hub [pdf] User Manual HWG023WRF WiFi Gateway Hub, HWG023WRF, WiFi Gateway Hub, Gateway Hub, Hub</p>
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References

- [User Manual](#)

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