



**RainPoint**<sup>®</sup> Smart  
More Than Water Saving

# USER MANUAL MINI BOX HUB

Model No. HWG023WRF



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

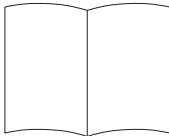
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## 1. Contents in the box



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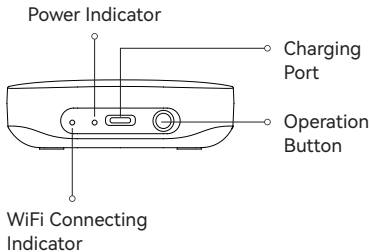


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1. HWG023WRF Mini Box Hub
2. User Manual
3. USB Cable
4. Warranty Card

## 2. Introduction

### 2.1 Product Overview



### 2.2 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

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

### 2.3 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
- **USB Power Input:** DC 5V 1A

## 3. Work On APP

### 3.1 Download APP

#### 3.1.1 Download

- a. Search and download **RainPoint Smart+** on:



- b. Or scan the QR code to download:



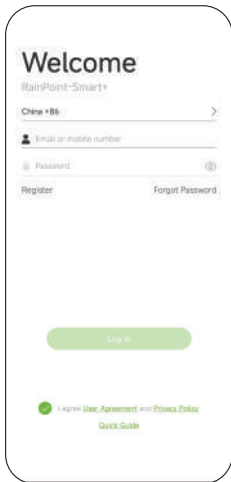
iOS



Android

c. **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!



The image shows a mobile application login screen for RainPoint-Smart+. At the top, it says "Welcome" in a large font, followed by "RainPoint-Smart+" in a smaller font. Below this, there is a location indicator "Cheng • 88" with a right-pointing arrow. The main form consists of two input fields: "Email or mobile number" with a person icon on the left and "Password" with a key icon on the left and a visibility icon on the right. Below the password field are two links: "Register" and "Forgot Password". At the bottom of the form is a large green button labeled "Log In". Below the button, there is a green checkmark icon followed by the text "I agree User Agreement and Privacy Policy" and a link for "Quick Guide".

### 3.1.2 Before Connection

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.

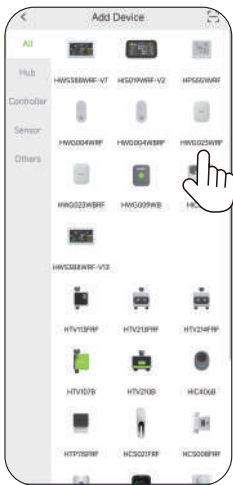
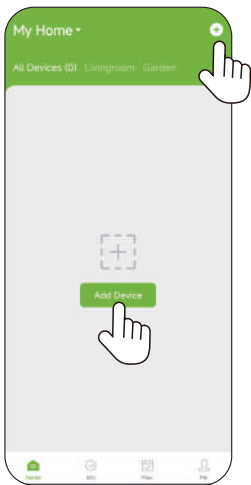
## 2.2 Connection

### 2.2.1 Smart WiFi Connection

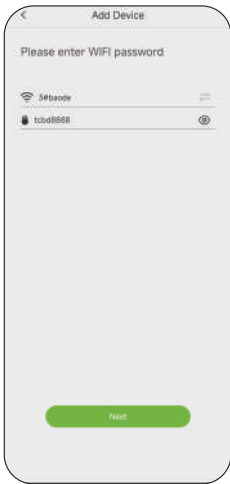
Plug on **the mini box hub** near the router and follow the steps below to connect:



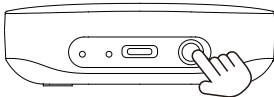
- a. Add device on the Home page, tap **+** or **"Add Device"** on the Home page, and select the HWG023WRF. Or press  scan QR code and enter into next step.



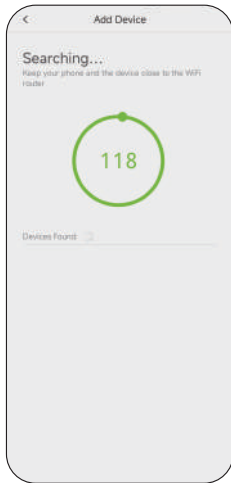
- b. Select "**Mini Box Hub**", then enter the Wi-Fi information and go next.



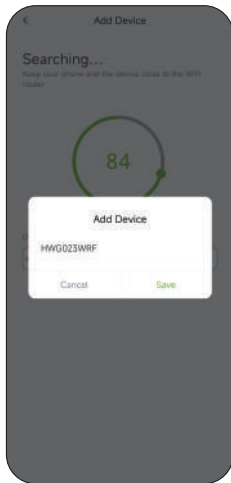
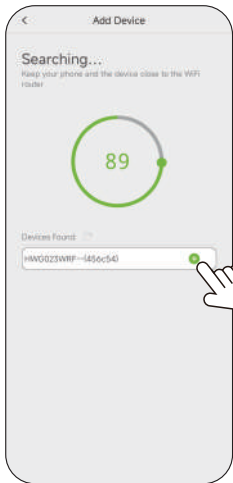
- c. Follow the guide on the APP to press and hold the button on the mini box hub for about 5 seconds until the connecting indicator quickly blinks.



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

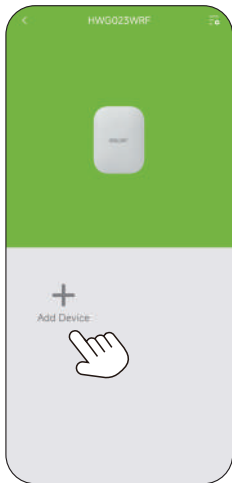


- e. When device found, please click **+** to add the device and edit the device name as your like.



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](mailto:support@rainpointonline.com)

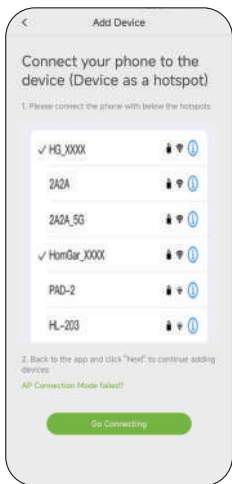
## 3.2 APP Connection

- 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**.

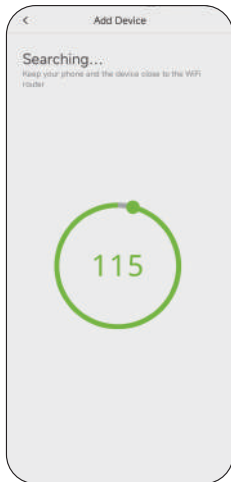
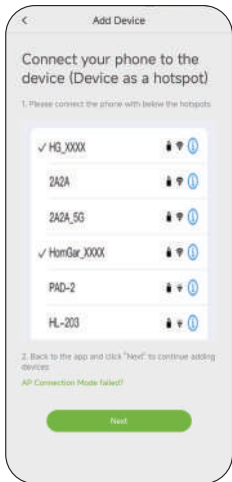


When the Hub LED flashes slowly, tick the checkbox on the APP, click "Next", then follow the wizard and click "Go Connecting" to connect your phone to the hotspot (HomGar\_xxxx).



**Note:** If the mobile device pops up that there is no signal and needs to switch 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.



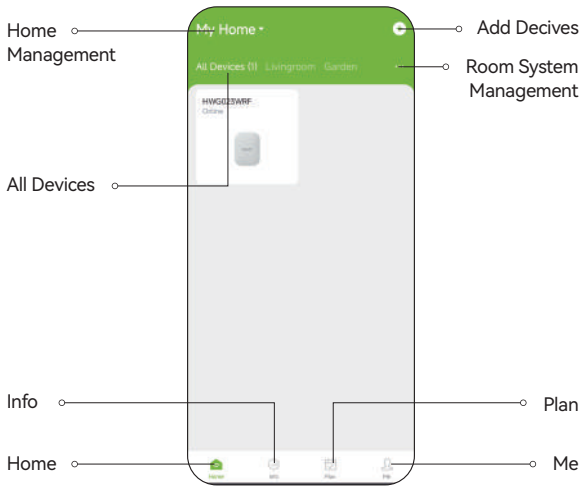


## 3.3 APP Overview

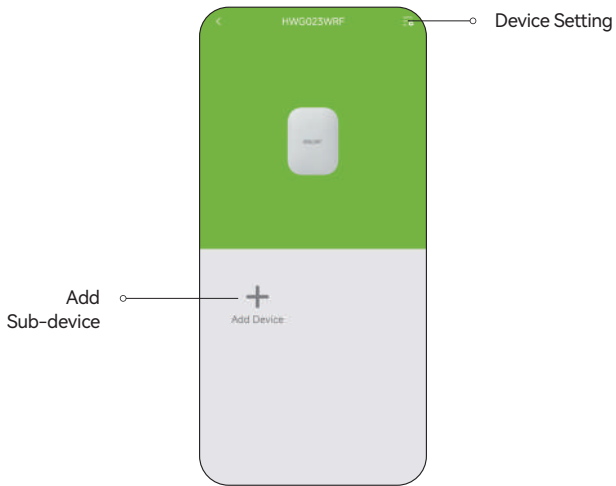
### 3.3.1 APP Home Page

- **Home Management:** Set home name, location and other information to manage your home environment monitoring system more intelligent and accurate.
- **All Devices:** All added devices will be displayed here.
- **Room Management:** Related devices list of each room will be displayed here.
- **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.
- **Info:** Checking weather information and list of optional devices.
- **Me and Basic Settings:** Manage your account, home, basic settings, and other options. You can also find unit format and 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.

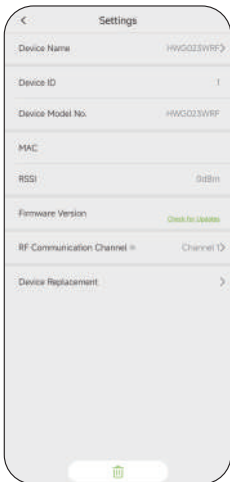


### 3.3.2 Device Page



### 3.3.3 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 product to calibrate time.

## 4. Trouble Shooting

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

## 5. 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.

## 6. Warranty Policy

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



Made in China



Points de collecte sur [www.quefairemedesdechets.fr](http://www.quefairemedesdechets.fr)  
Privilégiez la réparation ou le don de votre appareil !

## 7. FCC Statement (2AWDBHWG023WRF)

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.

## 8. 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.:** XXXXXX (on the back of the device)



### Need Help ?

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