ecowitt®

Wi-Fi Weather Station Gateway

With built-in Temperature, Humidity and Barometric Sensor

Manual

Model: GW1100

https://s.ecowitt.com/R9FUG1

Table of Contents

1 Introduction

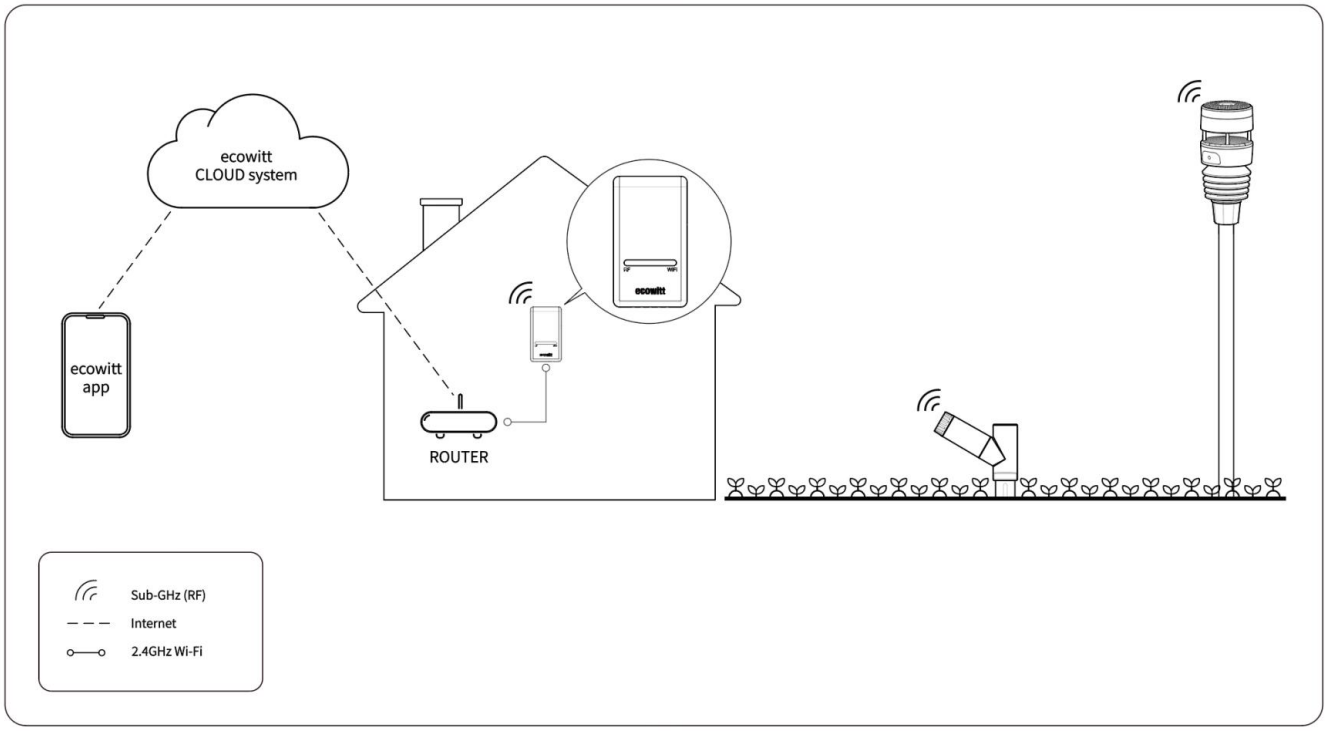


Figure 1 How Ecowitt system works

Thank you for purchasing this GW1100 Wi-Fi Weather Station Gateway, with built-in temperature, humidity, and barometric sensors. It can also handle all the Ecowitt sensors developed. By upgrading firmware, future sensors developed can also be hosted, and this made the gateway an extremely flexible Ecowitt ecosystem possible.
To ensure the best product performance, please read this manual and retain it for future reference.

Local gateway configuration

We at Ecowitt are very conscientious about your possible concerns regarding sending your data into a cloud. Not only do we not share your data with any third party, we also offer you a possibility to manage your data locally by the help of a special tool-the WS View Plus app. You may refer to the WSView Plus APP instruction for more details.

2 Installation

2.1 Package List

QTY	Item Description
1	USB Wi-Fi Gateway
1	USB extension cable for powering the gateway
1	Cable clip
1	Quick start guide
1	Manual

Table 1 Package content

Note: The gateway must be plugged into a USB (2.0 or later) port for its power supply. The USB extension cable (USB type A - Male straight to female straight; included) should be used so that the gateway is sitting further from AC adapters which is a heat source as well as EMI interference source. The using of this USB extension cable will make the gateway perform better in terms of radio signal reception, and measure indoor temperature, and humidity more accurately.

2.2 Wi-Fi Configuration

2.2.1 Power Up

You need to prepare a power adapter with a USB port in advance. Power the GW1100 up with the USB extension cable. Note: **DO NOT** directly plug the GW1100 into the power outlet.

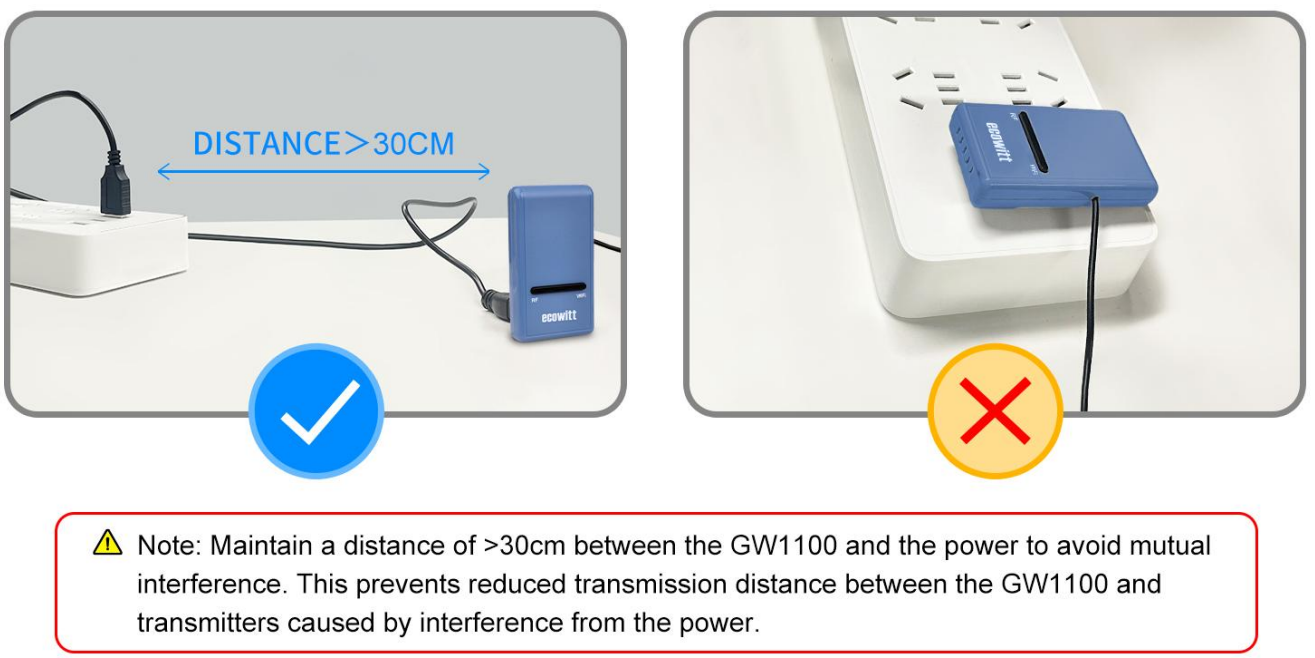


Figure 2 Installation Illustration for Power-up

2.2.2 Install Ecowitt APP:

Visit the App Store or Google Play Store or scan the QR code below to download the free Ecowitt App.
Open Ecowitt App, follow the on-screen setup instructions to create an account, add new weather station, and follow **Section 2.2.3** below to connect your station to your Wi-Fi network.

GET IT ON Google play

Download on the App Store

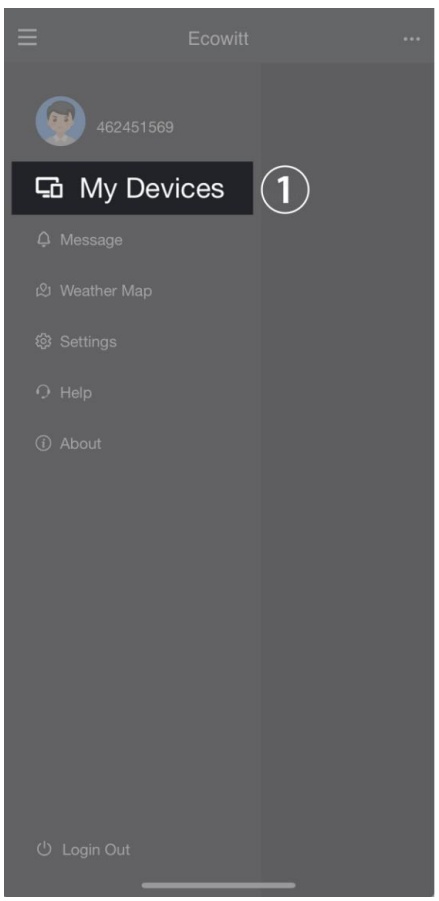
Figure 3 Download Ecowitt App

Note: For **section 2.2.3** below, you'll need your Wi-Fi network name (SSID) and password. Make sure your mobile device is connected to the same Wi-Fi network.

2.2.3 Gateway Wi-Fi Configuration

2.2.3.1 Through Ecowitt APP

①Open Ecowitt App, click "Add New Weather Station", click GW1100 icon, and choose WiFi Provisioning：



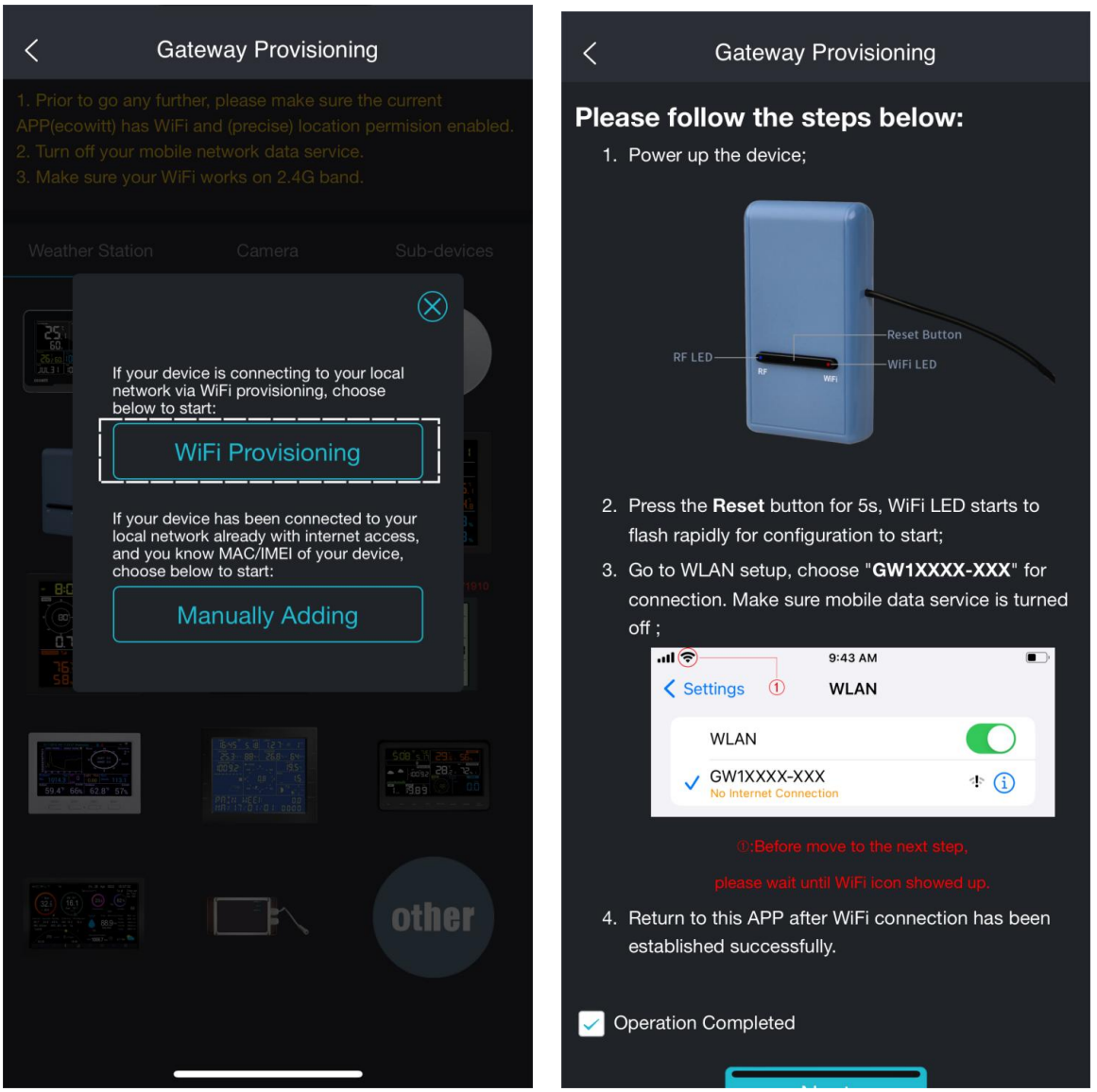


Figure 4 APP Wi-Fi Configuration Operations

② Long press GW1100's button for more than 5s will trigger to turn on Soft-AP (GW1100's hotspot), red Wi-Fi LED will flash rapidly.

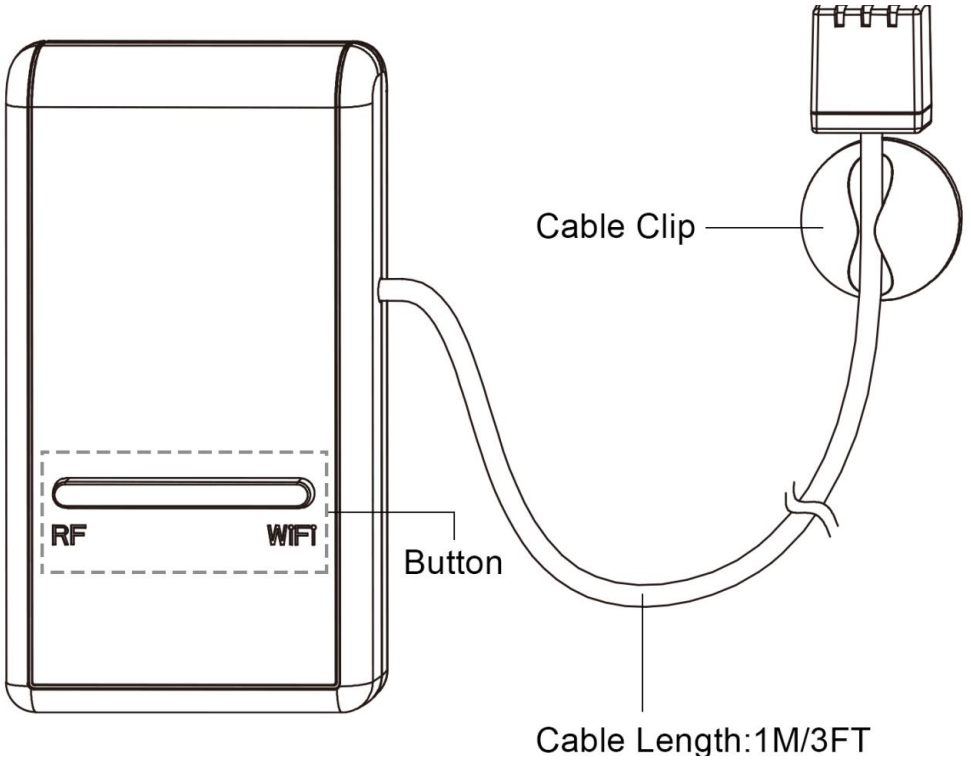


Figure 5 Button Illustration

③ Use your mobile phone to connect to the hotspot "GW1100x-WIFIxxxx".

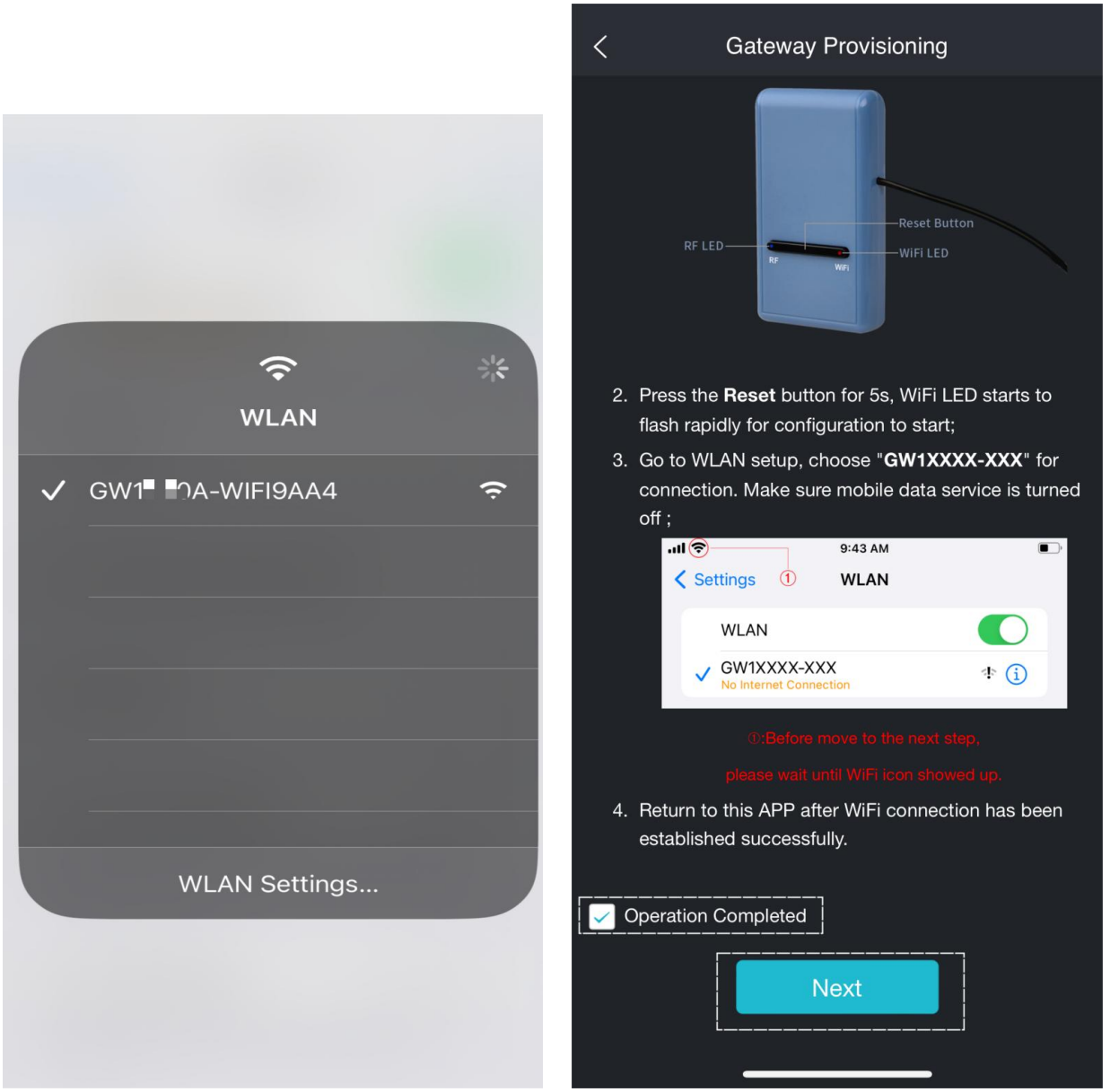


Figure 6

④Allow location access, recommend selecting "While Using the App".

⑤Fill in the Wi-Fi SSID and Password.

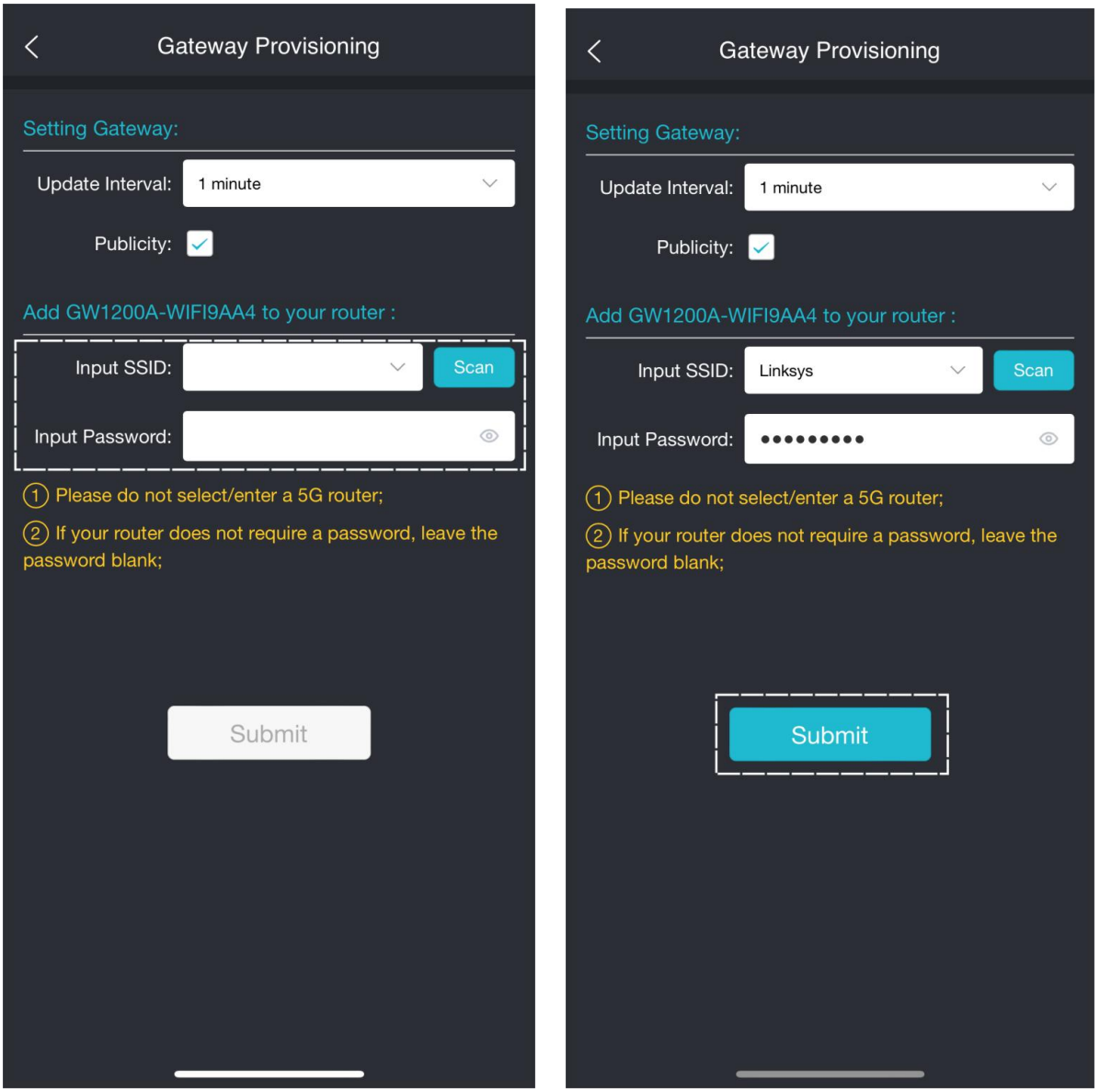


Figure 7

⑥After the gateway setup is successful. Switch to your usual Wi-Fi. GW1100 has been successfully added to the App, and you can view the weather data on the App.

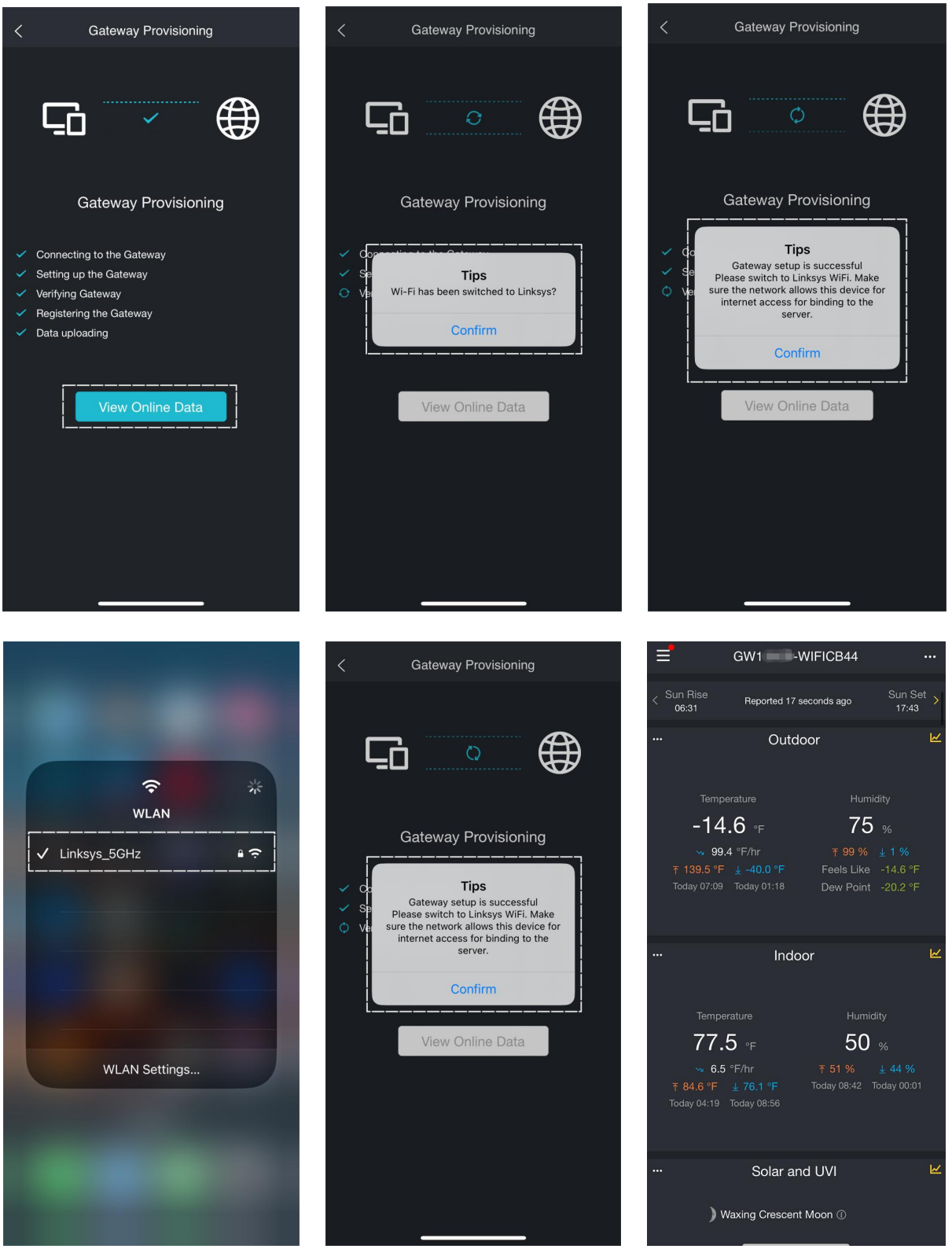

Gateway Provisioning
Gateway Provisioning
Connecting to the Gateway
Setting up the Gateway
Verifying Gateway
Registering the Gateway
Data uploading
View Online Data
Gateway Provisioning
Tips
Wi-Fi has been switched to Linksys?
Confirm
View Online Data
Gateway Provisioning
Tips
Gateway setup is successful
Please switch to Linksys WiFi. Make sure the network allows this device for internet access for binding to the server.
Confirm
View Online Data
WLAN
Linksys_5GHz
WLAN Settings...
Gateway Provisioning
Tips
Gateway setup is successful
Please switch to Linksys WiFi. Make sure the network allows this device for internet access for binding to the server.
Confirm
View Online Data
GW1 -WIFICB44
Sun Rise 06:31
Reported 17 seconds ago
Sun Set 17:43
Outdoor
Temperature
-14.6 °F
Humidity
75 %
99.4 °F/hr
139.5 °F
-40.0 °F
Today 07:09
Today 01:18
99 %
1 %
Feels Like -14.6 °F
Dew Point -20.2 °F
Indoor
Temperature
77.5 °F
Humidity
50 %
6.5 °F/hr
84.6 °F
76.1 °F
Today 04:19
Today 08:56
51 %
44 %
Today 08:42
Today 00:01
Solar and UVI
Waxing Crescent Moon

Figure 8

2.2.3.2 Through Web Page

If you fail to configure the device network settings using the Ecowitt app, we recommend using the SETUP Via Embeded Webpage.

①WiFi configuration

1. Ensure that your mobile phone or laptop is connected to the hotspot emitted by the device.

Figure 9

2. Open your web browser and enter the following URL: 192.168.4.1. No password is set by default. Click Login.

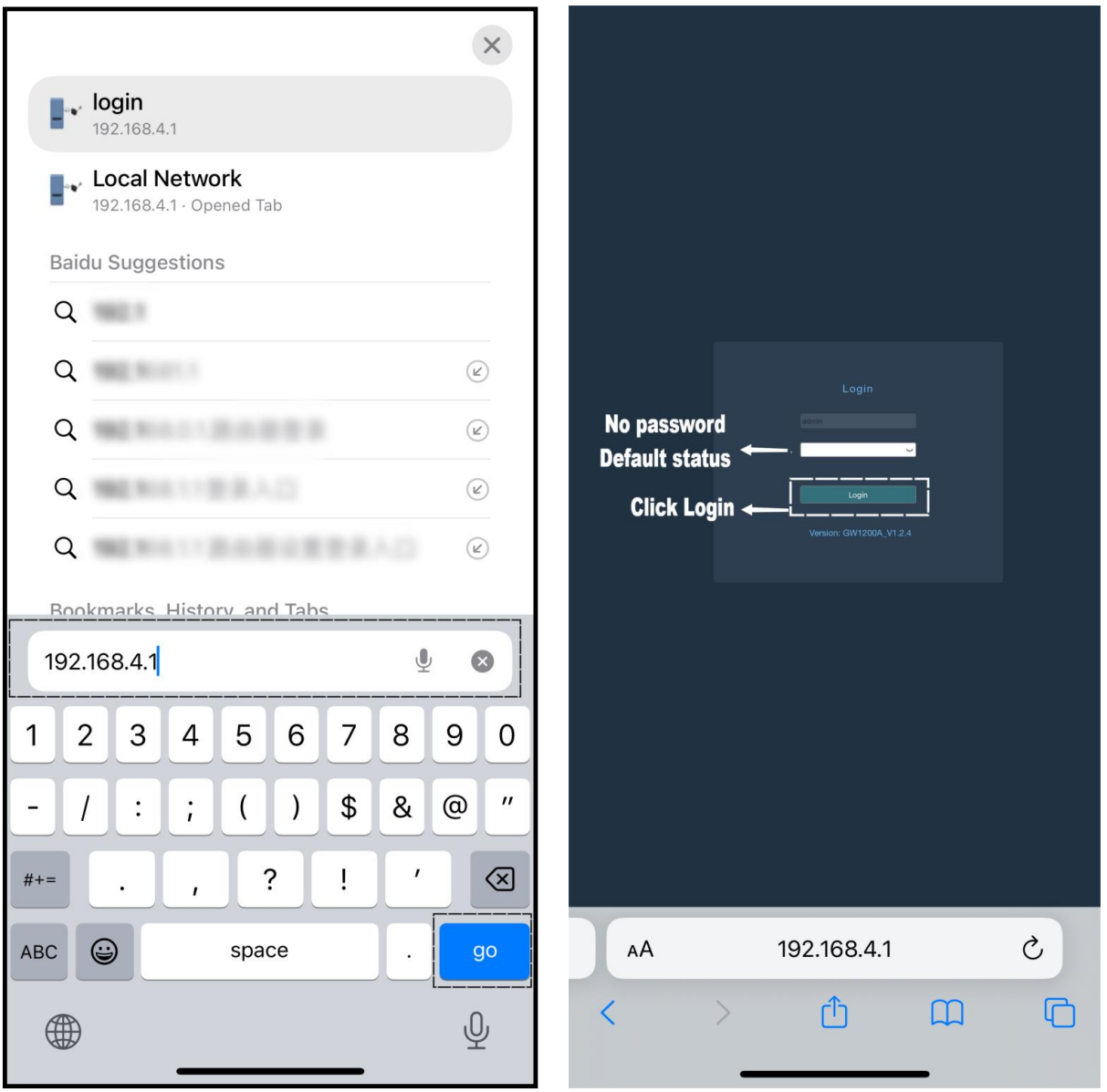


Figure 10

3. Click Local Network. Input the name and password of the router to which you want to connect. Click Apply.

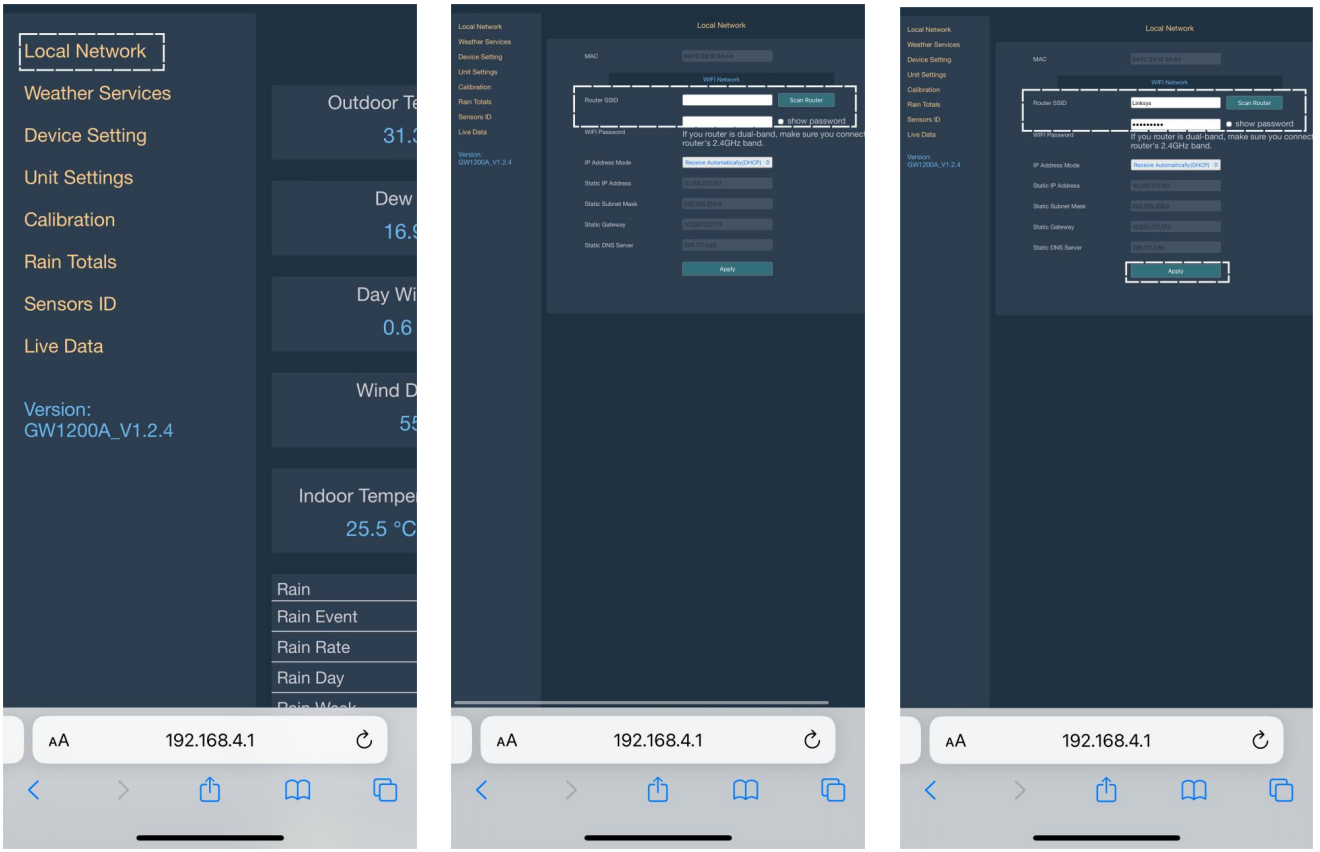


Figure 11

4. Record the MAC address.

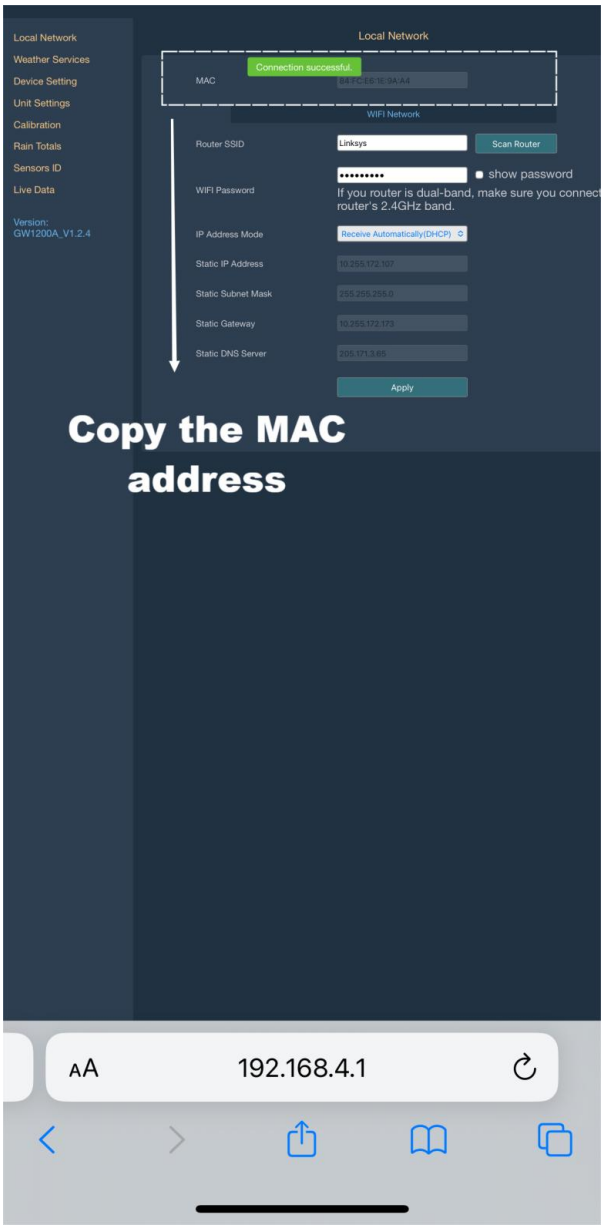
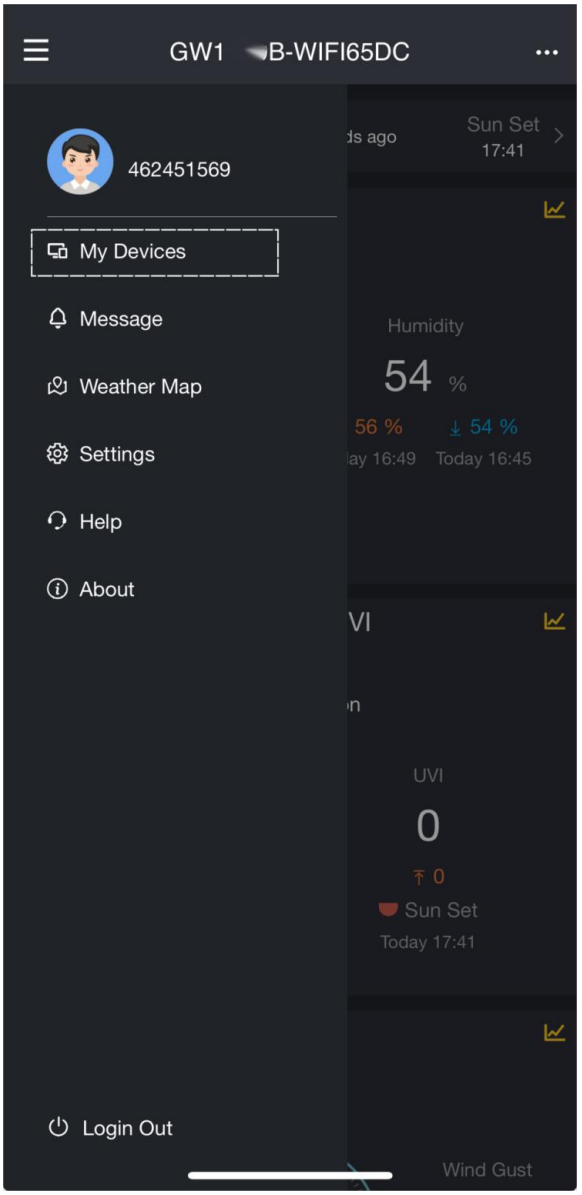
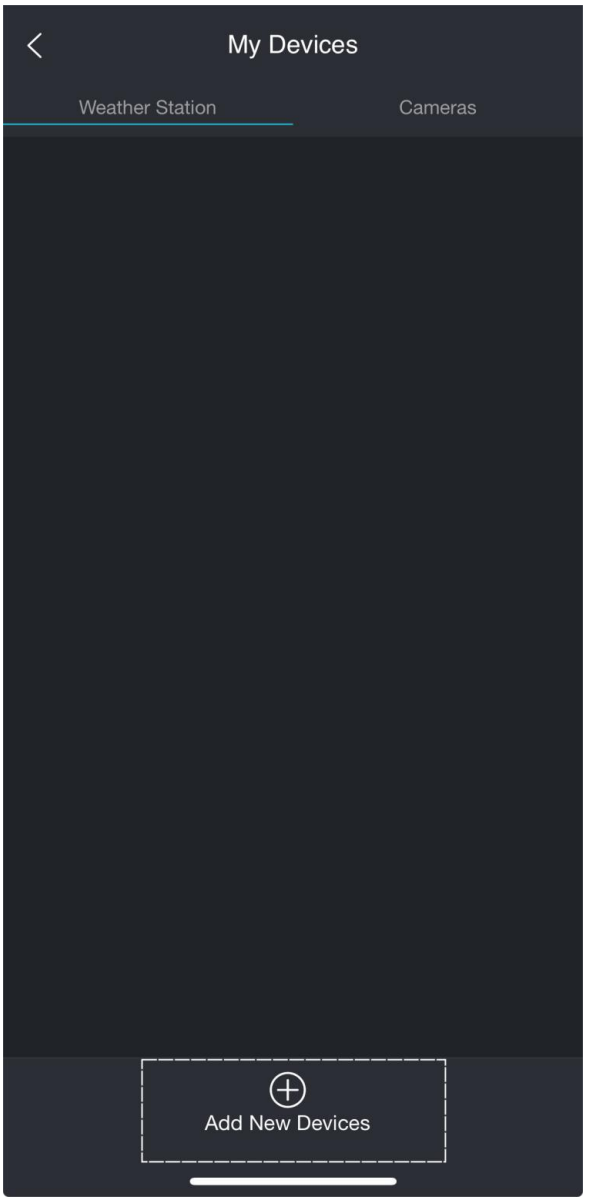


Figure 12

②Add the GW1100 to your Ecowitt Account

1. Open Ecowitt App, click "Add New Weather Station", click Other, and choose Manually Adding：


GW1 B-WIFI65DC
462451569
My Devices
Message
Weather Map
Settings
Help
About
Login Out
Sun Set
17:41
Humidity
54 %
56 %
54 %
Today 16:45
UVI
0
0
Sun Set
Today 17:41
Wind Gust


My Devices
Weather Station
Cameras
Add New Devices

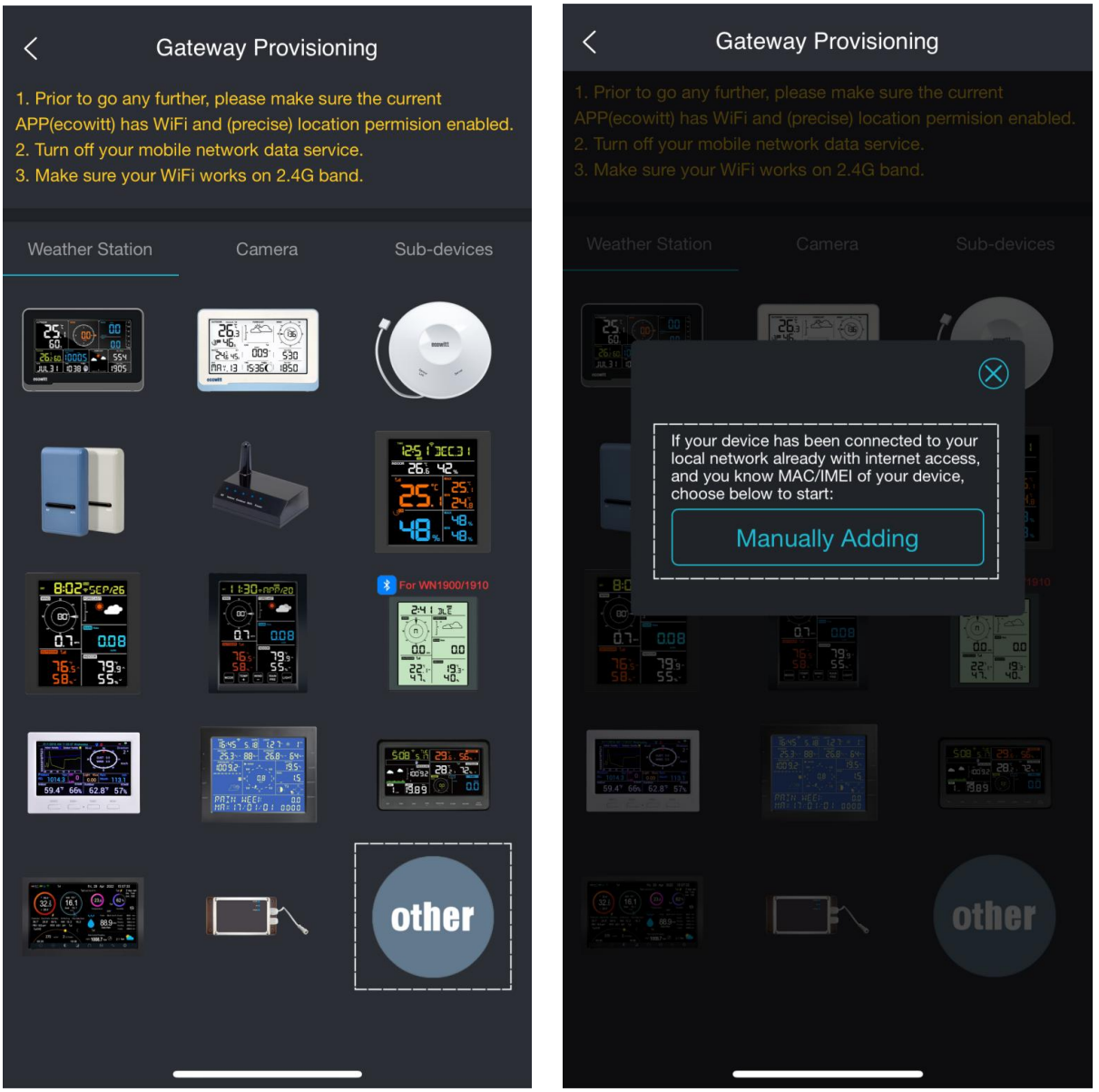

Gateway Provisioning
1. Prior to go any further, please make sure the current APP(ecowitt) has WiFi and (precise) location permision enabled.
2. Turn off your mobile network data service.
3. Make sure your WiFi works on 2.4G band.
Weather Station
Camera
Sub-devices
For WN1900/1910
other
Gateway Provisioning
1. Prior to go any further, please make sure the current APP(ecowitt) has WiFi and (precise) location permision enabled.
2. Turn off your mobile network data service.
3. Make sure your WiFi works on 2.4G band.
Weather Station
Camera
Sub-devices
If your device has been connected to your local network already with internet access, and you know MAC/IMEI of your device, choose below to start:
Manually Adding
other

Figure 13

2. Edit the Device Name and paste the MAC address copied into the box, and click "Save", then you can view the data on the App.

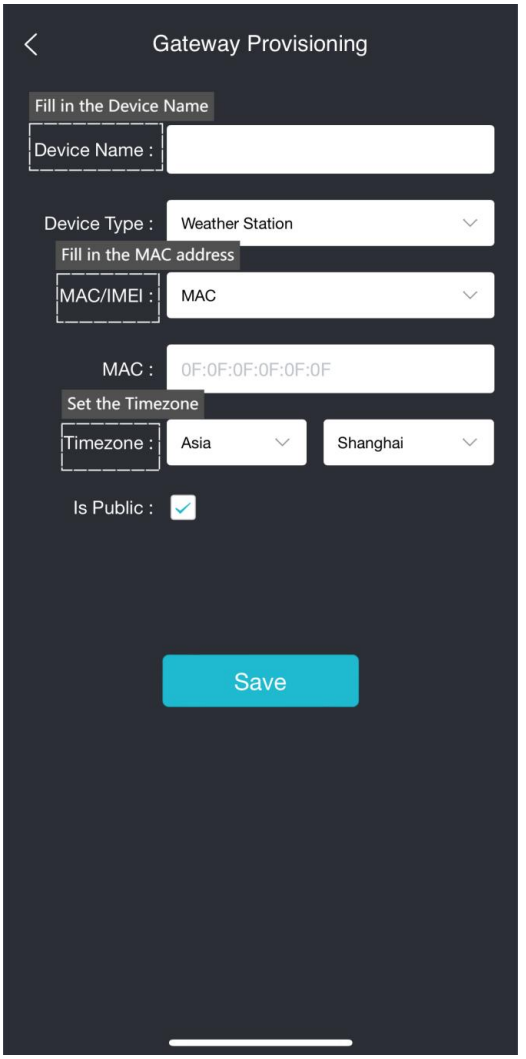


Figure 14

2.3 Device Location, Timezone, DST, and Data Public

After completing the Wi-Fi configuration, follow these steps for Device precise location, Timezone, DST (Daylight Saving Time), and Data public settings.

1. Click on "weather station".

2. Click on the "···" icon in the upper right corner of the gateway module.
3. Set the Device's precise location and Timezone on this interface.
4. Tick "Auto DST" and "Is Public" when necessary.
5. Click "Save", then reboot the device, it will automatically synchronize time and DST.

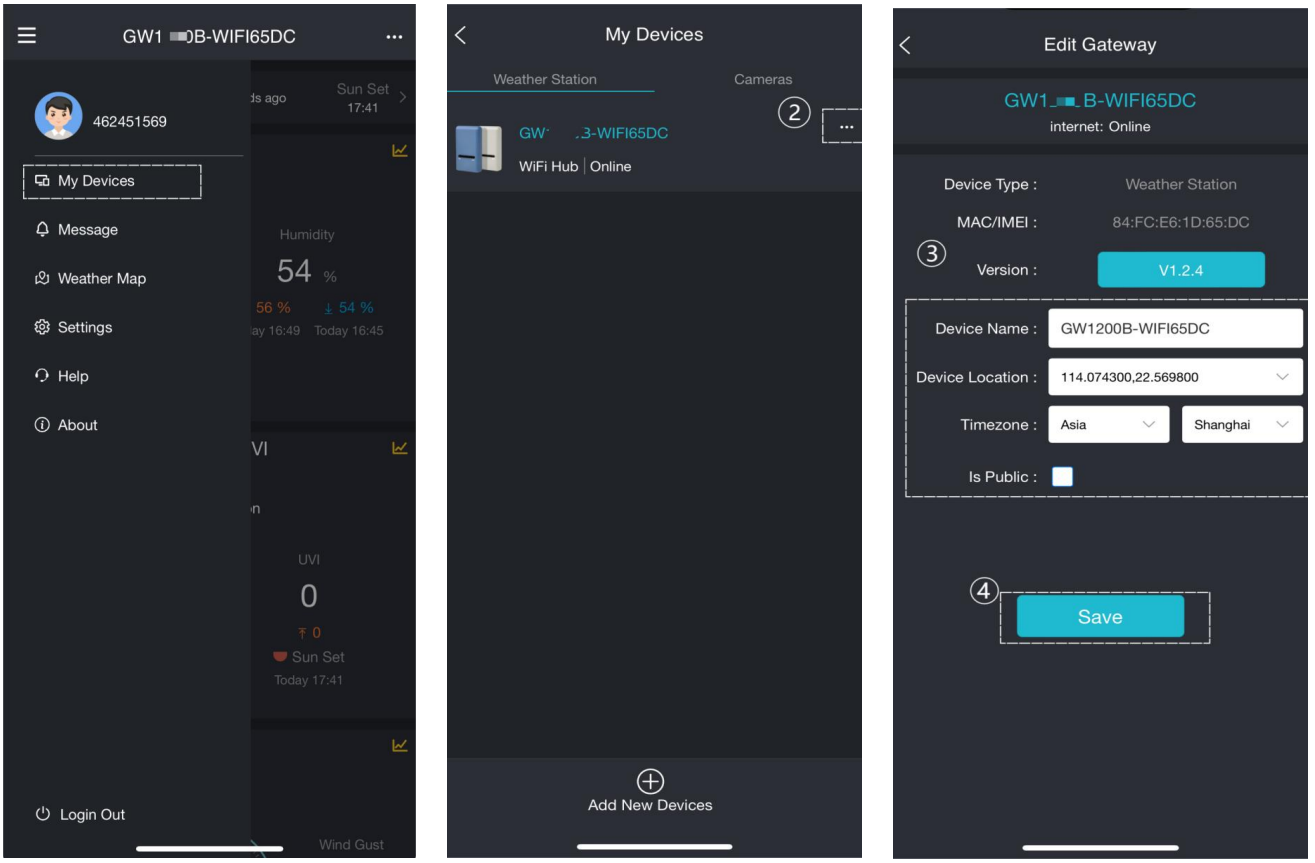


Figure 15

2.4 Manage Sensors

2.4.1 Add a Sensor

To pair the optional sensors (refer to **Section 5** for more optional sensors) with the GW1100, please do as follows:

1. Place the optional sensor next to the receiver.
2. Power the sensor on and wait for 1-2 minutes.
3. Check whether the GW1100 will pick up the sensor data automatically and display it on app.
4. If data is not received, try the following: Make sure the phone and GW1100 are connected to the same Wi-Fi network, open Ecowitt App, find Sensor ID, and enter the Edit Gateway page.
5. In the Edit Gateway page, find the sensor you want to pair - select the ID number box and register it.
6. Once successful, you may return to the main interface to check the data.
7. If you know exactly the sensor ID, and want the GW1100 to pair that sensor only, you may enter the sensor ID, and save the change to make it effective.

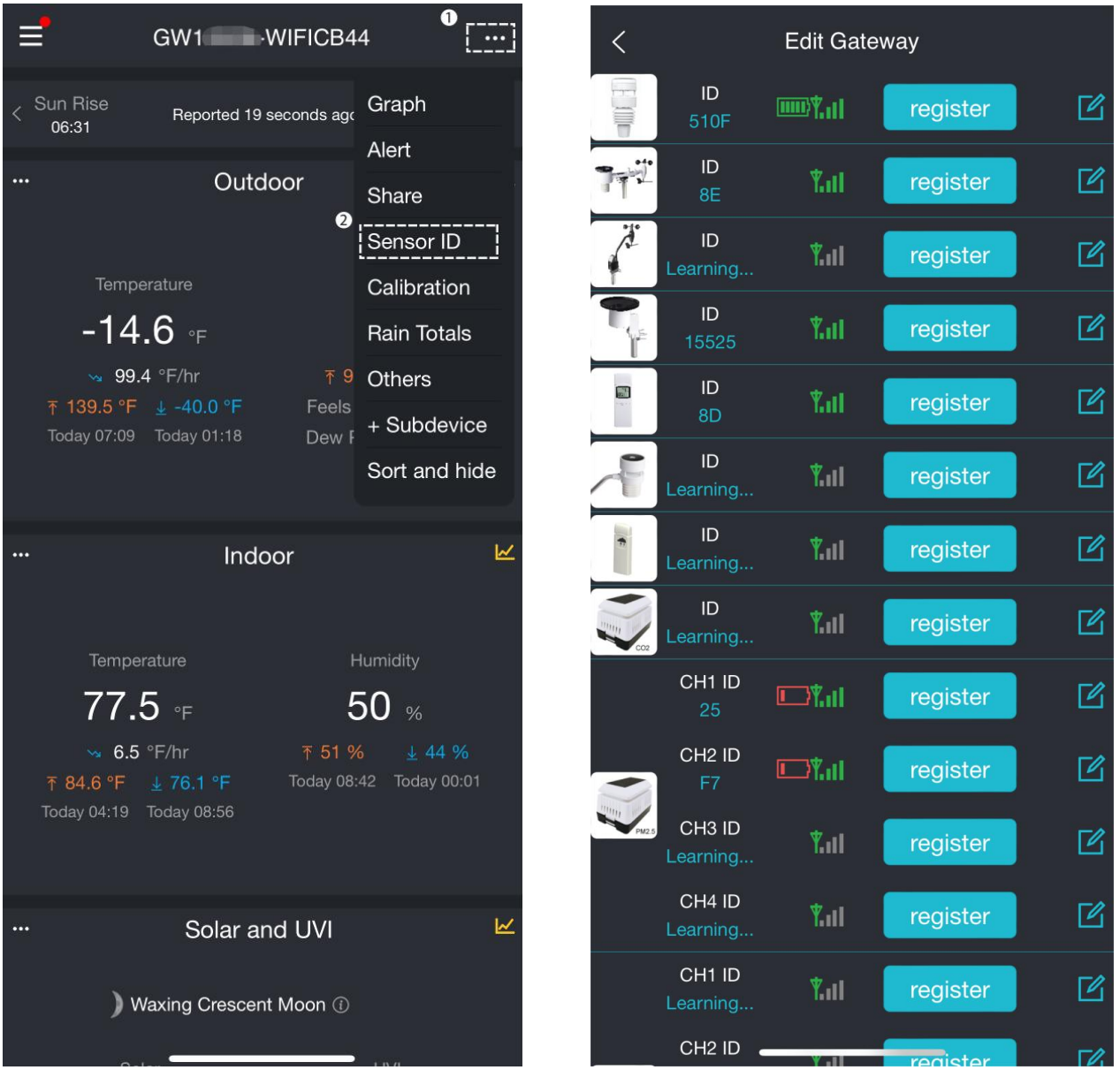


Figure 16 Sensor ID page

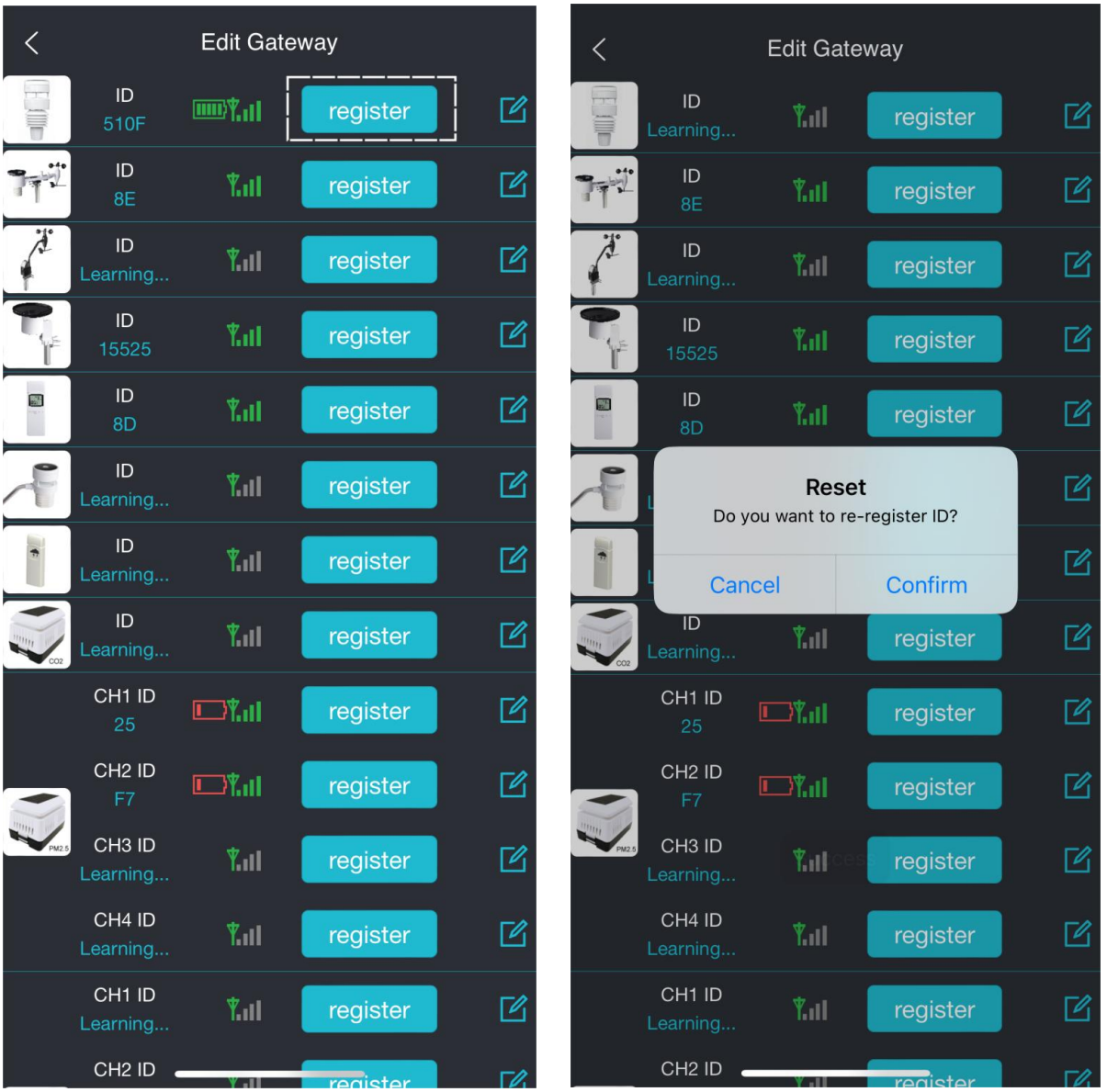


Figure 17 Re-register sensor

2.4.2 Disable (Stop) a Sensor

If you have more than one gateway to receive data from multiple transmitters, the following actions can help you prevent the gateway from automatically receiving data transmitted by other already registered transmitters.

If you have 2 or more transmitters of same model, and GW1100 receives data from one of them, but you want to receive data from another one.

1. Tap icon of editing.
2. Manually input the sensor ID of the transmitter you wish to receive on this interface
3. Set its status to Enabled.
4. Tap "Save" to receive data successfully.

When the GW1100 receives data from unwanted transmitter.

1. Tap icon of editing.
2. Manually input the default sensor ID to lock onto this sensor.
3. Set its status to Disabled.
4. Tap "Save" to apply this lock immediately.

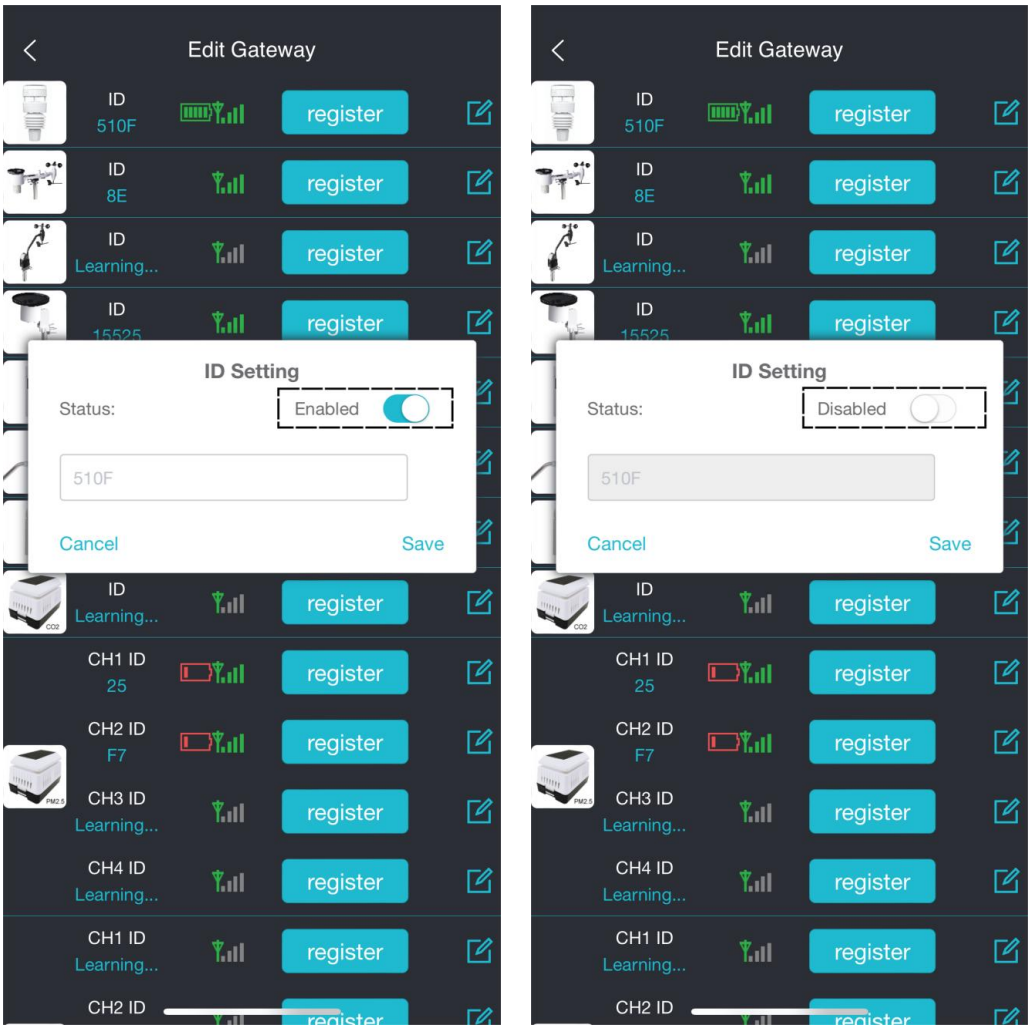


Figure 18 Disable a sensor

2.5 Upload Data to Server

2.5.1 Weather Servers supported

After the Wi-Fi configuration is successful, data can be uploaded to the following weather station servers:
A. ecowitt.net (Default upload to this server)

B. wunderground.com
C. weathercloud.net
D. wow.metoffice.gov.uk
E. Customized servers

2.5.2 Upload Servers Management

(1) Ensure that the mobile phone and GW1100 are using the same Wi-Fi.

(2) Ecowitt App - "···" at the top right corner - "Others" - "DIY Upload Servers"

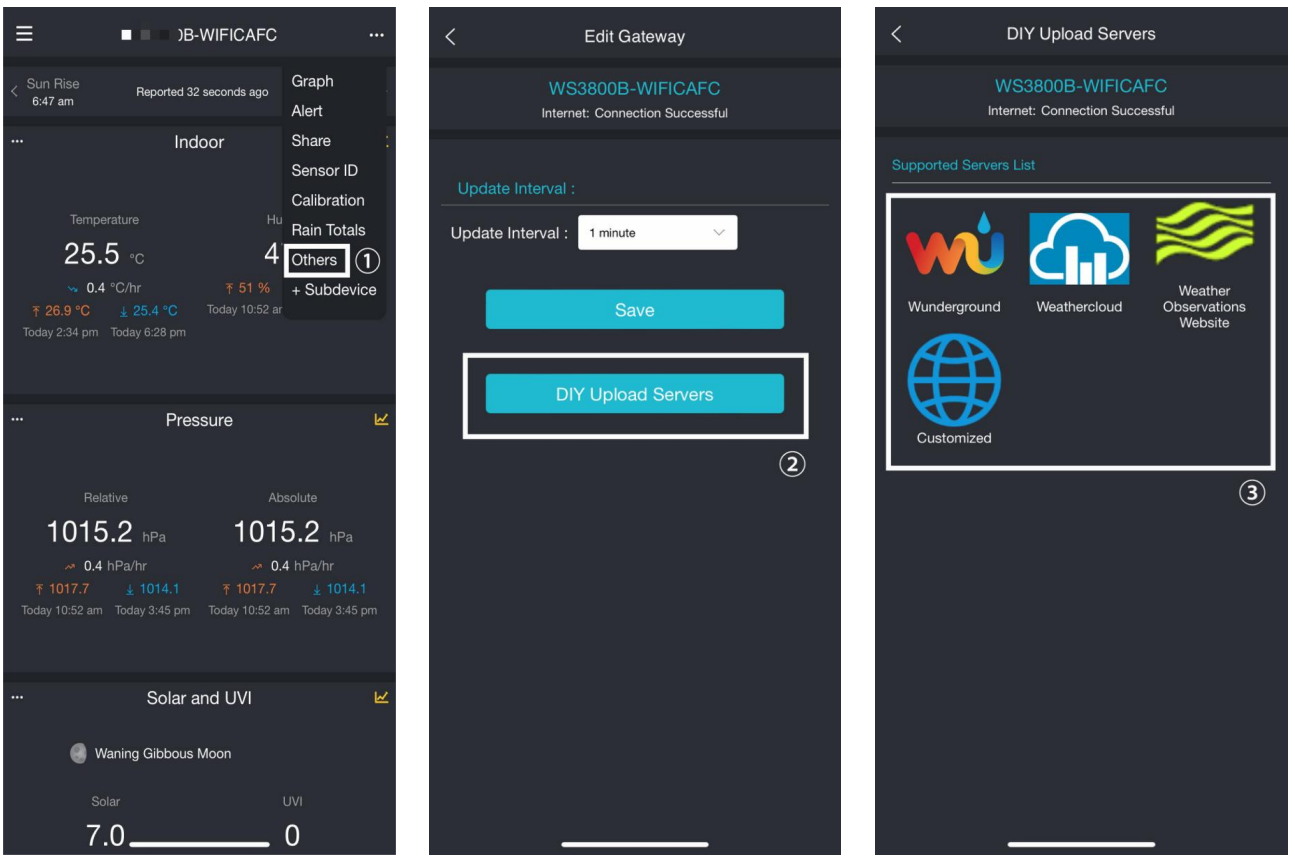


Figure 20 Upload data to server

3 Instructions for Use

3.1 View and Size

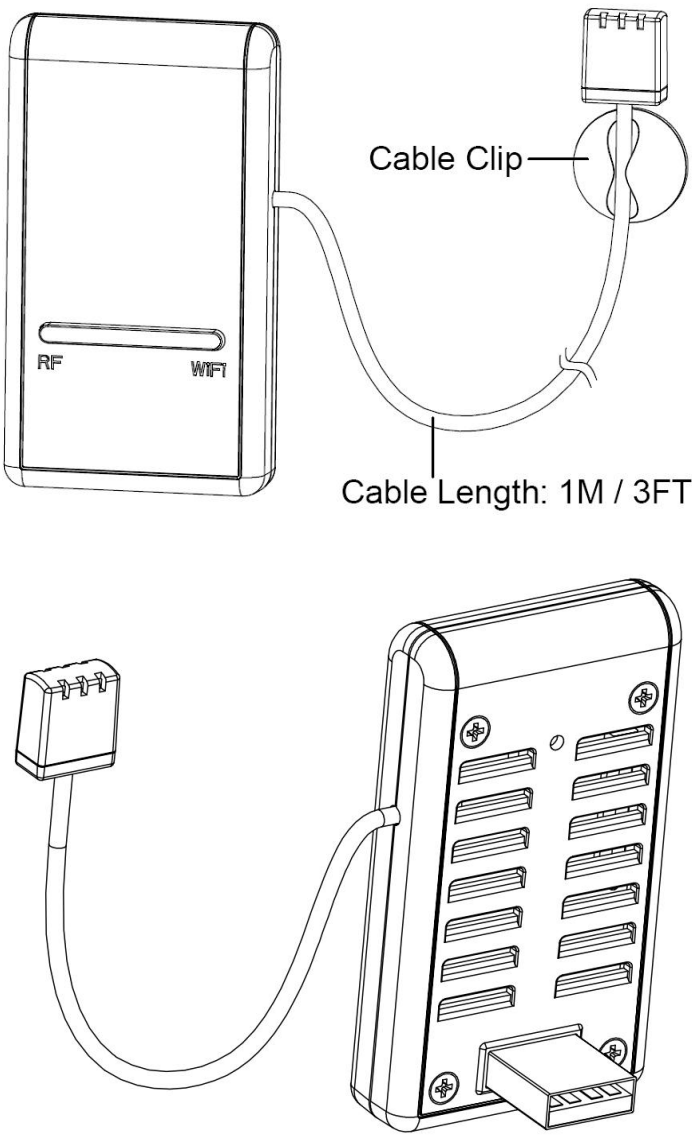


Figure 21: Wi-Fi Gateway

3.2 Features

- Attached temperature, humidity, and barometric 3-in-1 probe sensor.
- Collects sensor data from various supported wireless sensors.
- Additional/optional sensors.
  Go to **Section 5** for detailed sensor list.
- Calculates dew point for outdoor sensor (cloud upload supported).
- Upload sensor data to cloud weather services:
  - ecowitt.net
  - wunderground.com
  - weathercloud.net
  - wow.metoffice.gov.uk
- Custom sites using either Wunderground or Ecowitt protocol. Contact the Customer Support department for assistance.
- Mobile application (Ecowitt APP)：
  - View collected live data.
  - Manage sensor calibration setup.
  - Manage sensor selection.
  - Manage rainfall settings.
- Data storage service on Ecowitt server:
  https://ecowitt.net

- Data storing resolution:
  - By day: 5 minutes average
  - By week: 30 minutes average
  - By month: 4 hours average
  - By year: 1 day average
- Stores data for past three months with 5-minute intervals.
- Stores data for past year at 30-minute intervals.
- Stores data for past two years at 4-hour intervals.

Note: All the optional sensors supported can be found on our website: **ecowitt.net**. Make sure to select the model of the units with the same RF frequency as your gateway (the frequency is different for various countries because of regulations).

Note: ecowitt.net hosts all the sensors supported, however, It is not necessarily true for other data hosting services. For example, the Wunderground only accepts outdoor sensor data, therefore it will not display the following sensor data on their website:

- Indoor temperature and humidity (from the GW1100 built-in 3-in-1 sensor)

- Multi-channel temperature and humidity (from the WN31 sensor) or Multi-channel temp (from WN30 sensor)
- Soil moisture (from the WH51 sensor)
- PM2.5 data (from the WH41/43 sensor)
- Lightning data (from the WH57 sensor)
- Water leakage condition (from the WH55 Sensor)
- Water/Soil temp (from WN34 sensor)
- PM2.5/PM10/CO2/temperature and humidity data (from the WH45 Sensor)
- Leaf wetness sensor(from WN35 sensor)
- Electricity usage situation(from AC1100)
- Water usage situation(from WFC01)
- To view and record all the sensors data remotely, we recommend you to use the Ecowitt server.

3.3 Elements Explanation

See Figure 21 to help you identify elements of the gateway.

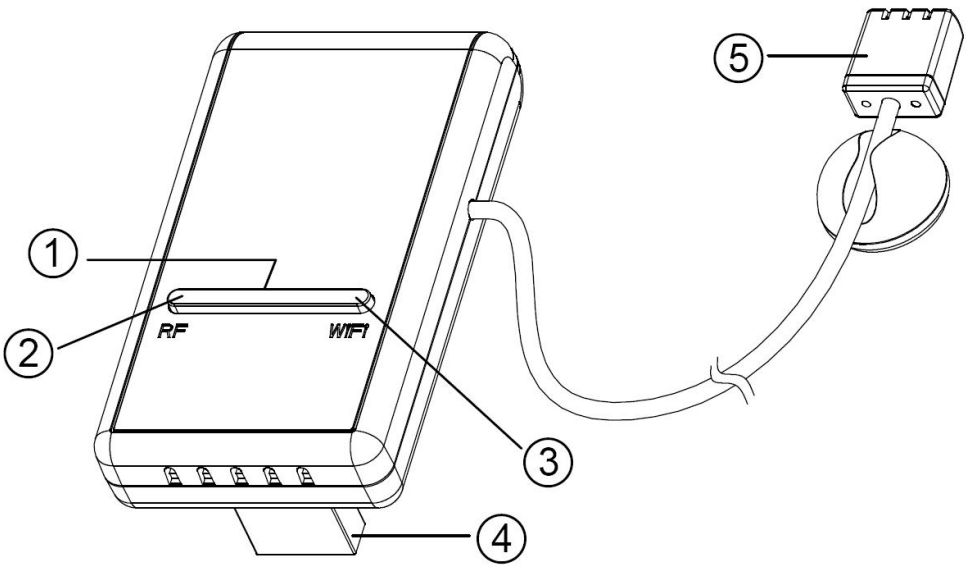


Figure 22 Elements Introduction

1	Factory Default Reset Button
2	RF Status Indicator Light (Blue)
3	Wi-Fi Status Indicator Light (Red)
4	USB Connector for system power supply
5	Temperature, humidity, and barometric 3-in-1 sensor

Table 2 Elements identification

3.4 LED Indicators

RF (Blue): Indicates the status of RF communication with the station.

- **Flash** (each): Indicates one packet of RF data from a sensor was received.
- **Off** (steady): Indicates no RF data received.

Wi-Fi (Red): Indicates the status of the WiFi connection.

- **Off:** Wi-Fi connection to router failed.
- **On:** GW1100 was provisioned to the router and has data sent to any one of the cloud data hosting successfully.

- **Flash slowly:** GW1100 connected to the router, but failed to publish data to any of the weather services on the cloud.
- **Flash rapidly:** GW1100 was in a factory reset default state. It has never been configured for router and weather server.

3.5 Button Function

The black button is used for the reset mode.
Reset Mode: Hold the black button for about 5 seconds will reset the gateway to the factory default reset state. All the history data, Wi-Fi settings, calibration, and sensor labeling, etc. are all lost and need to be set again.

4 Historical Data Export and Clear

4.1 Export History Data

GW1100 doesn't support a memory card to store data, when the Wi-Fi configuration (refer to 2.2 for Wi-Fi Configuration) is completed, you can log in to Ecowitt.net to export the data in CSV file format.
1. Choose time period of data.
2. Click "Export".
3. File will be downloaded automatically.

Figure 23 Export History Data

Note:
Data with a query period of days/24 hours is retained for 3 months.
Data with a weekly query period is retained for 1 year.
Data with a monthly query period is retained for 2 years.
Data with a yearly query period is retained for 4 years.

4.2 Clear History Data

Under "menu" - "devices" - "..." button to clear history data.

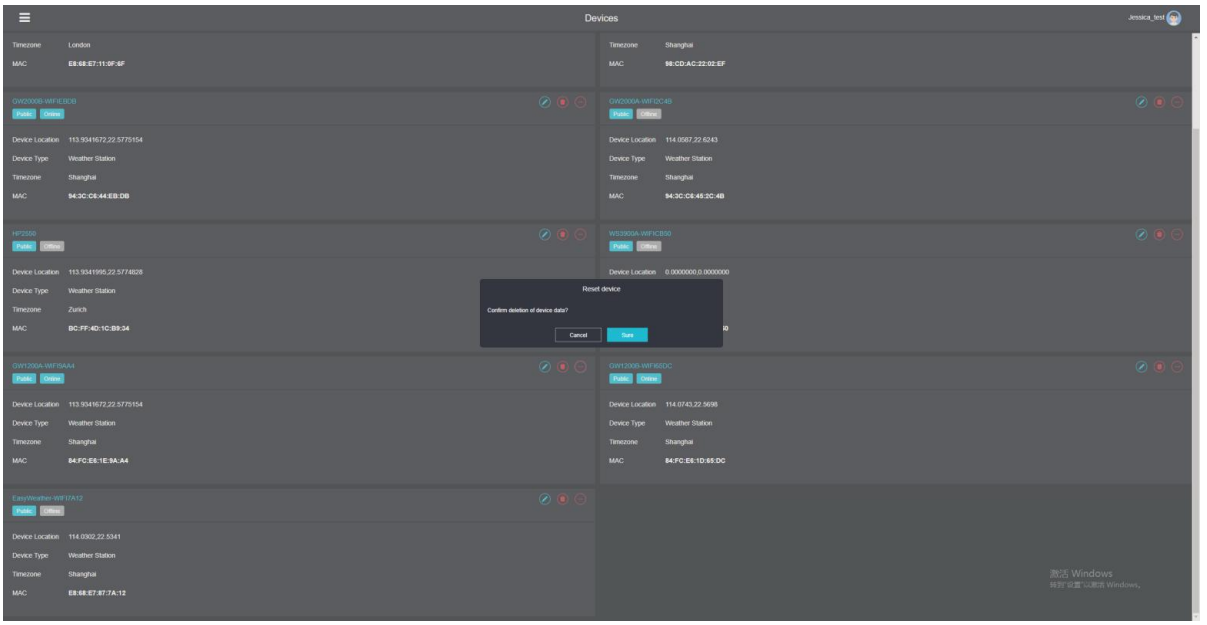
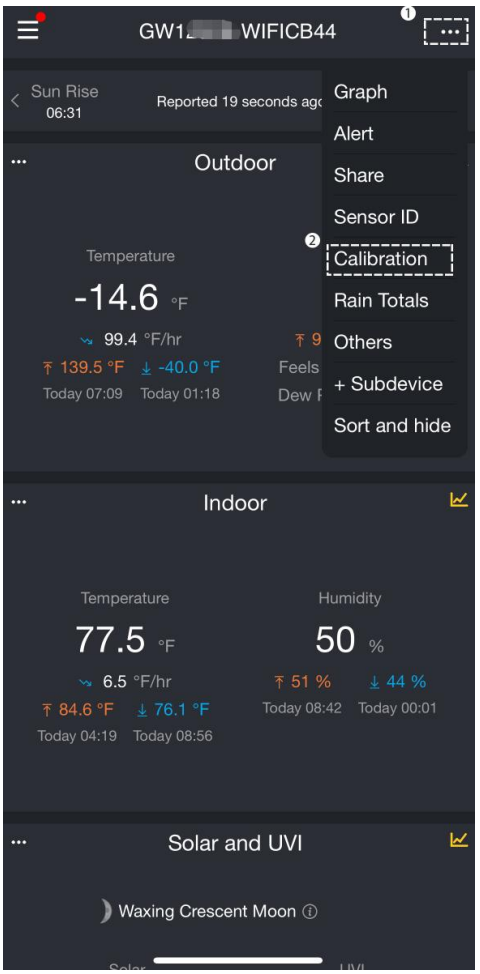


Figure 24 Clear History Data

5 Calibration

If you have data from a relatively accurate weather station. You can use the data to do the calibration.

1. Make sure your mobile device is connected to the same Wi-Fi network.
2. Click "…" on top right corner and choose "Calibration".
3. For a certain parameter(Use Indoor temperature as an illustration in the Figure 22). Calculate the offset of data from accurate weather station and ecowitt sensor.
4. Fill in the offset got from step3, click Save.



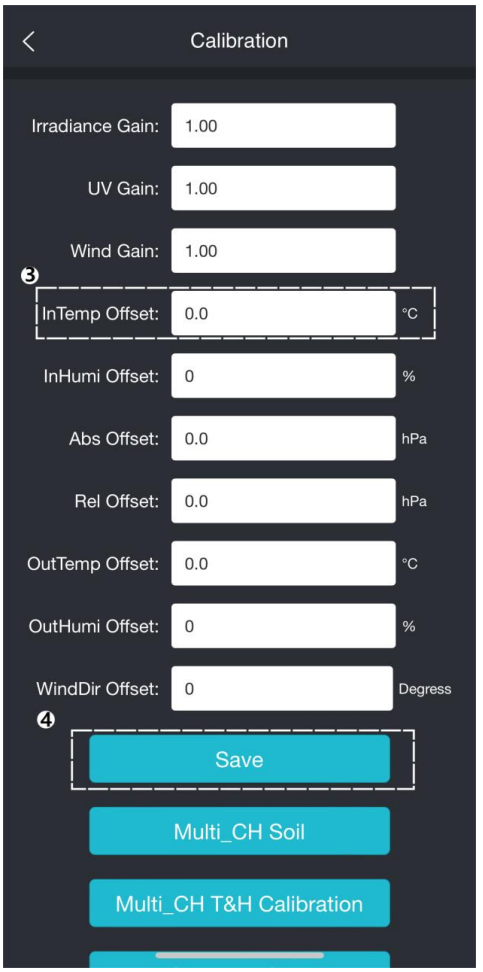


Figure 24 Calibration

6 Rain Settings

6.1 Rainfall Data Priority Setting

If you have multiple rainfall sensors, you can set the priority to display the data from one of them. You can choose between a Traditional Rain Gauge or a Piezoelectric Rain Gauge.

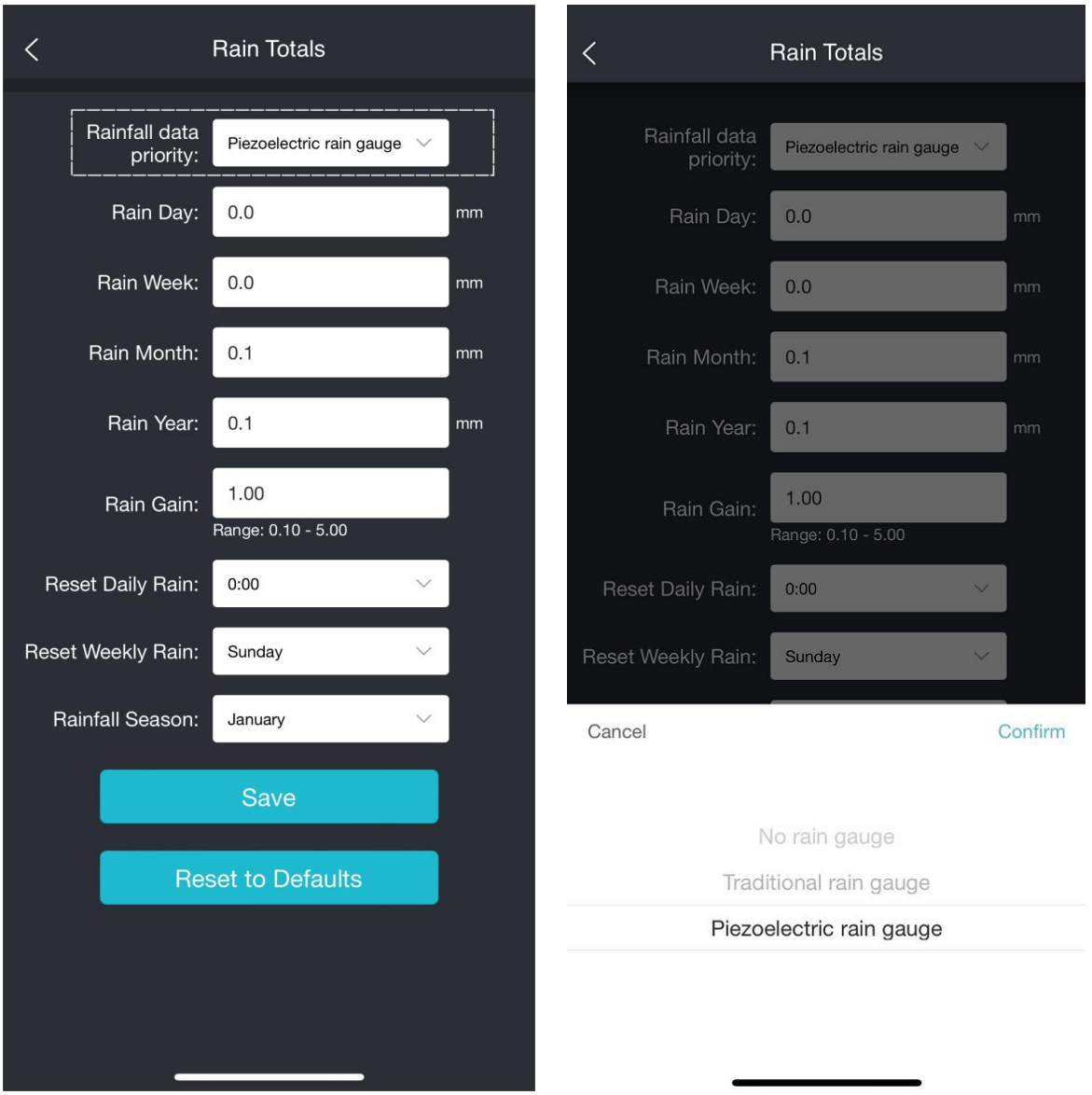


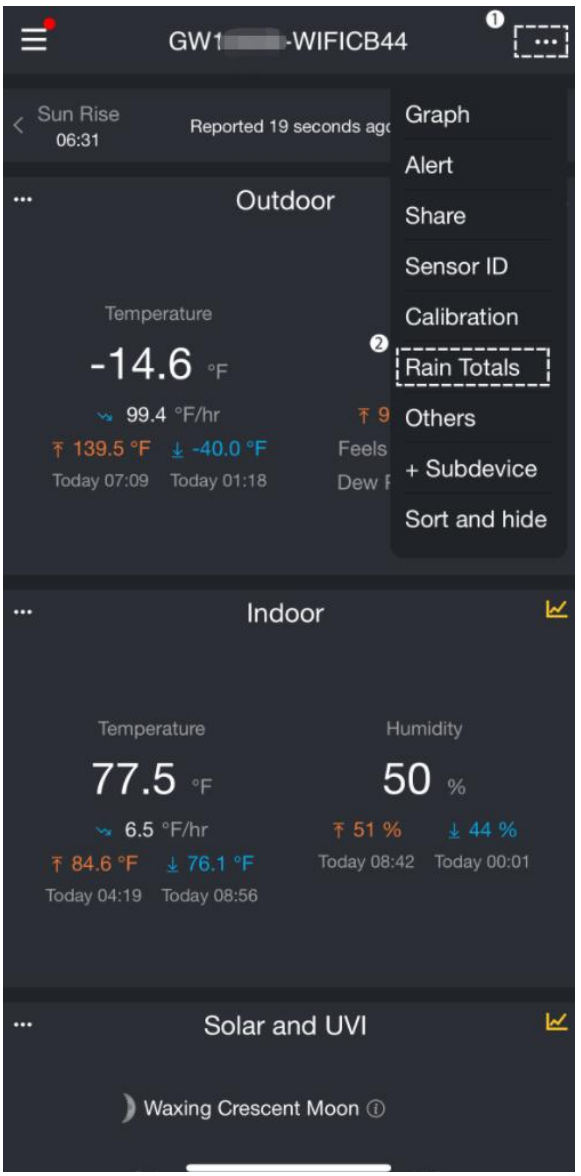
Figure 25 Rainfall Data Priority Setting

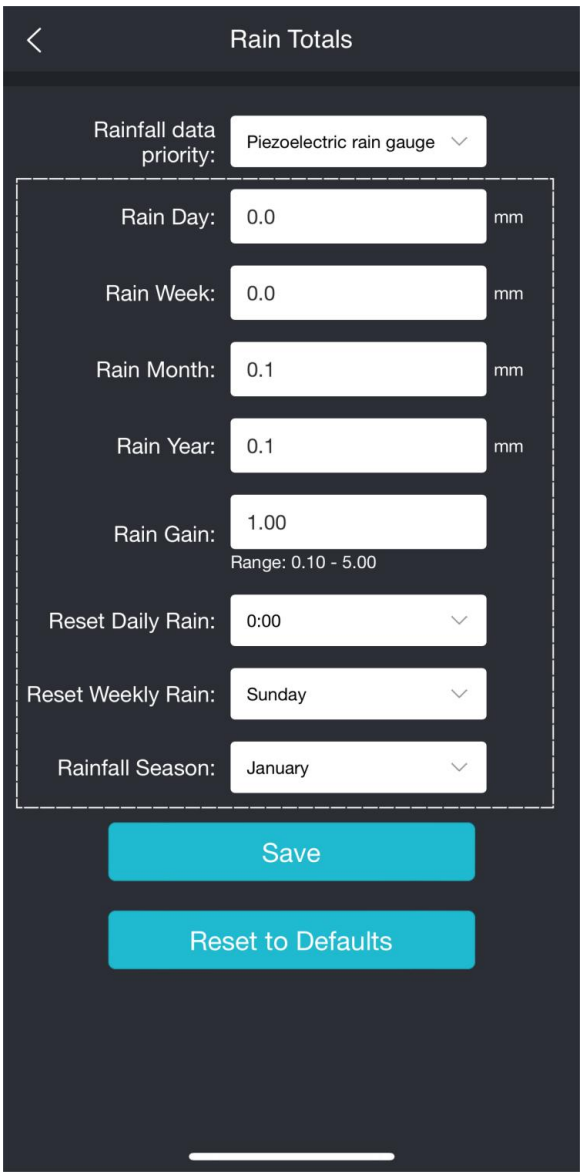
6.2 Rain Totals Initial Value

Users can set the Rain for the current year, month, or week starting values. This is useful when you start using

this system instead of another one that has accumulated data, or simply if you know the values to be incorrect.

1. Make sure your mobile device is connected to the same Wi-Fi network.
2. Click " ··· " on top right corner and choose "Rain Totals".
3. Fill in the correct Rainfall value, click Save.





7 Unit and other Settings

Click Settings, select the units for different parameters you want. You can see some more settings on this interface.

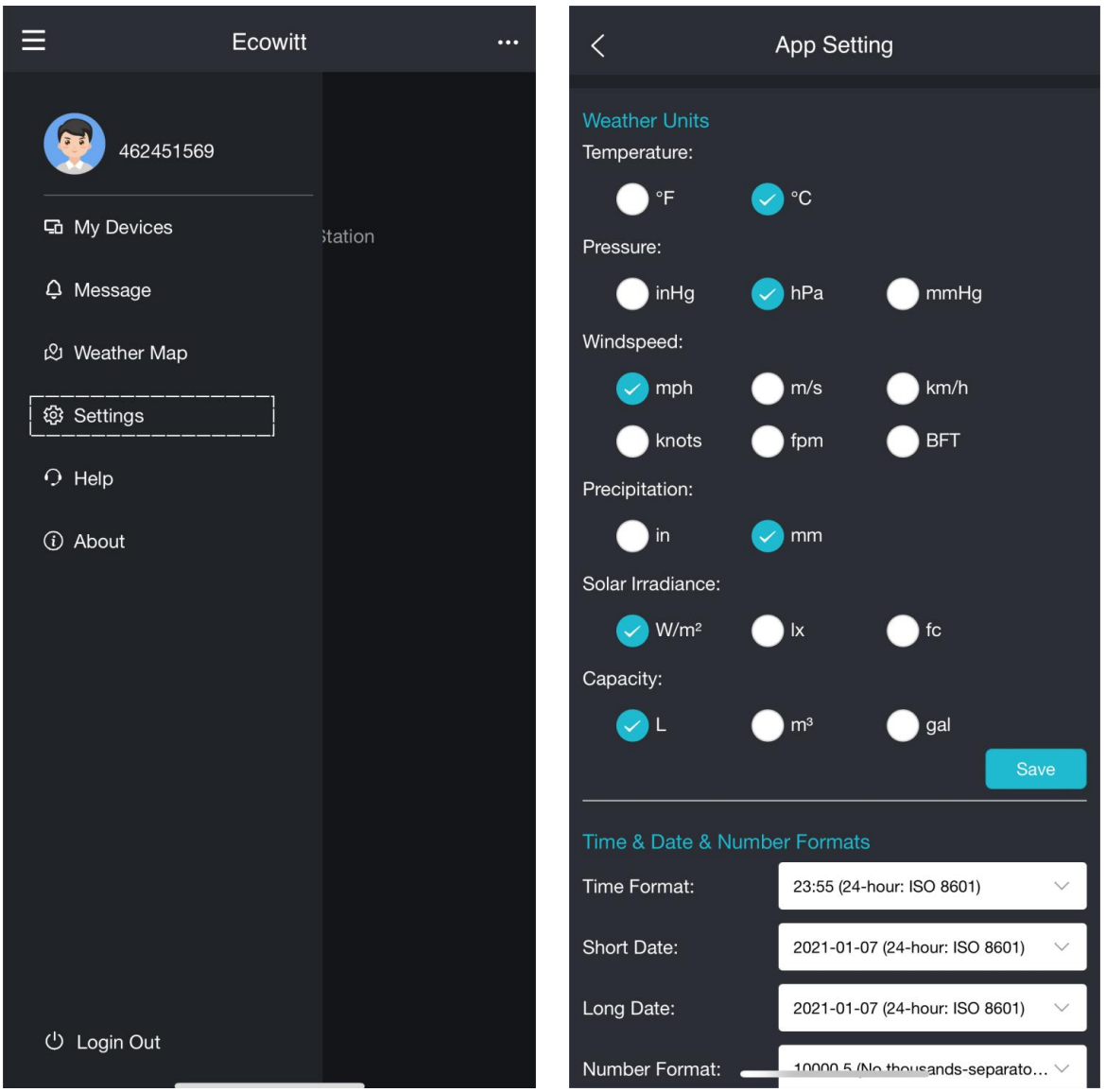


Figure 26 App Setting

8 Firmware Upgrade

8.1 Via Web Page

If you choose "Automatically upgrade firmware" on the web page 192.168.4.1, GW1100 will reboot automatically every time when there is a new firmware. (Automatic update interval is 24 hours).

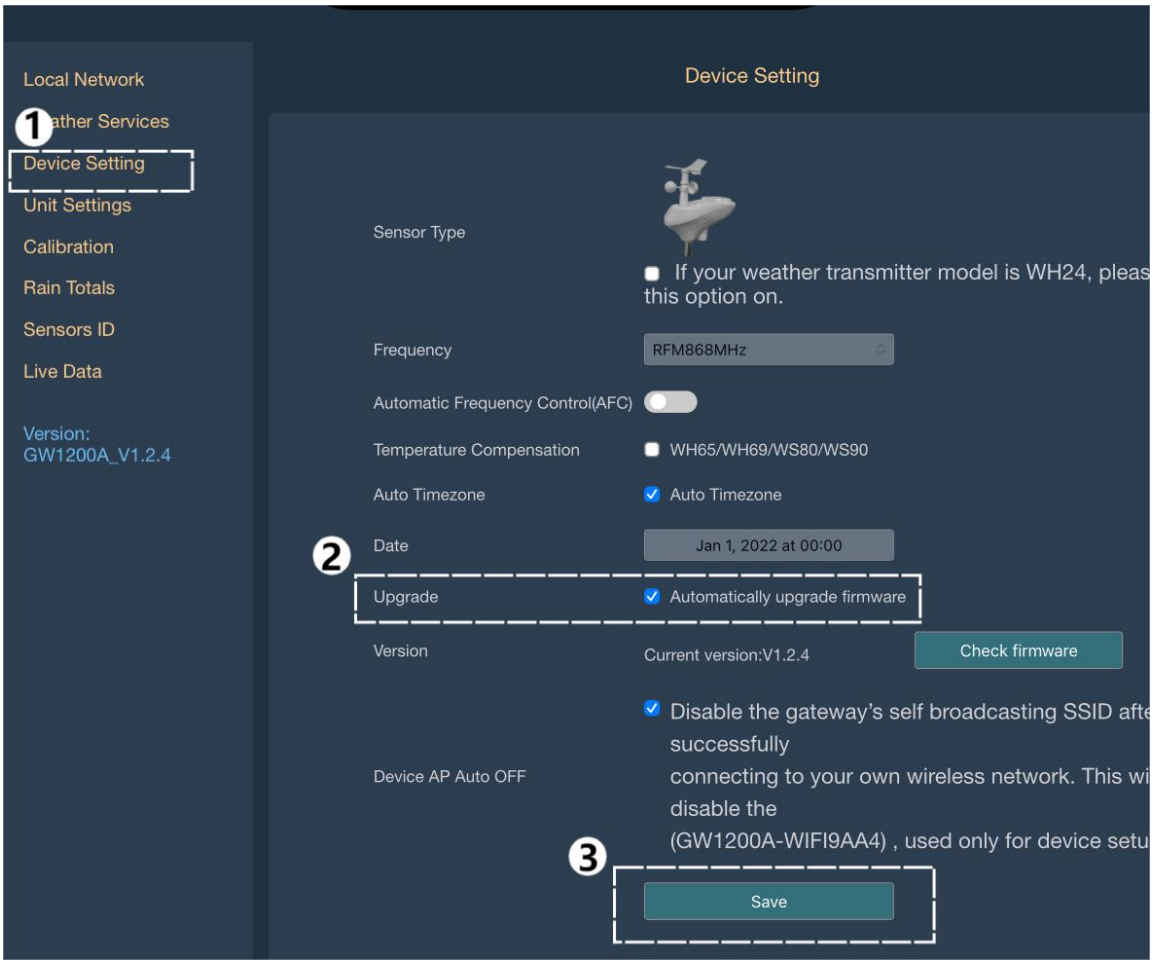


Figure 27 Firmware Upgrade Via Web Page

8.2 Via Ecowitt App

Open Ecowitt App – Weather Station – "…" (Open the edit gateway page) – Tap the firmware version number to upgrade if there is a new version available. When the upgrade is complete, the GW1100 will reboot into the latest version.

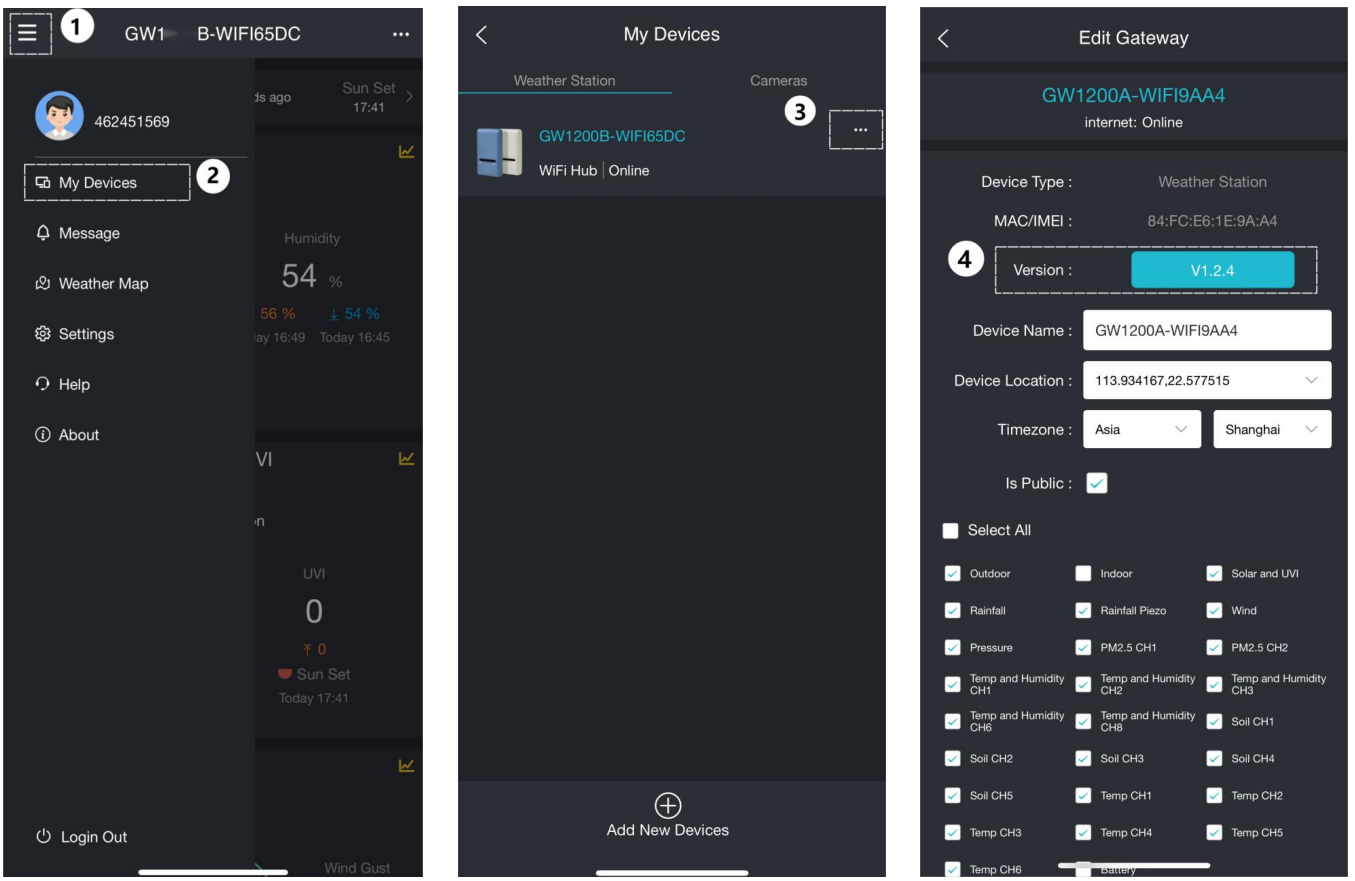


Figure 28 Firmware Upgrade Via Ecowitt App

9 Specifications

Note: Out of range values will be displayed using "---"

Model	GW1100
Name	Wireless Wi-Fi Gateway
Dimensions	35×24.9×62(mm)
Weight	25(g)
Material of Plastic Casing	ABS
Temperature Metering Range	-9.9°C to 60°C (14°F to 140°F)
Temperature Metering Accuracy	±1°C(±1.8°F)
Temperature Metering Resolution	0.1°C, or 0.1°F
Humidity Metering Range	1%RH to 99%RH
Humidity Metering Accuracy	±5%RH
Humidity Metering Resolution	1%RH
Barometric Pressure Metering range	300 to 1100 hPa (8.85 to 32.5 inHg)
Barometric Pressure Metering accuracy	±5hPa
Barometric Pressure Metering resolution	0.1 hPa (0.01 inHg)

Reading Update Interval	About 1 minute
RF Connection Frequency	920/915/868/433MHz (depending on local regulations)
RF Wireless Range	Over 100 meters (in open areas)
WLAN	802.11 b/g/n 2.4 GHz (802.11n, Max 150 Mbps)
WLAN Range	Over 30 meters (in open areas)
Console Operating Temperature	-10°C to 60°C (14°F to 140°F)
Power Supply	5V 1A USB

Table 3 USB gateway built-in sensor specification

10 Troubleshooting Guide

Look through the following table and locate an issue or problem you are experiencing in the left column and read possible solutions in the right column.

Problem	Solution
Relative pressure does not agree with the official reporting station	• Relative pressure refers to sea-level equivalent temperature and should generally agree closely with the official station. If there is a disagreement, make sure you are not looking at absolute pressure, in particular, if your station is not near sea level. Also check at different times due to occasional delays in updates to the official station. • Redo the pressure calibration procedure. • The barometer is only accurate to + 0.09 inHg (3hPa) within the following relative pressure range: 8.86 to 32.48 inHg (300-1,100 hPa), which cottesponds to an altirude of 29,527 ft. (9,000m) down to 2,500 ft. (750m) below sea level.Athigher altitudes, you should expect a possible lesser accuracy and non-linearity effects in the error (the calibration offset only allows for a partially linear correction).
Time is incorrect	• Make sure your time zone and DST(daylight savings time) setting is correct .

Data not reporting to Wunderground.com	• Confirm your station ID is correct. The station ID is all caps, and the most common issue is substituting a capital letter O for a 0 (zero) or vice versa. Please note the digit 0 can only occur in the last part of the station ID (which is a station number in a city). Example, KAZPHOEN11, not KAZPH0EN11. • Confirm that your password (also called: key) is correct. It is the password wunderground.com generated for your station ID. You can also verify it by logging in to wunderground.com and looking it up under “My Profile-My Devices.” • If there's a number "1" on the station key, try to input the lower case of the letter "L" to replace it on the app. • Make sure the date, time, and time zone are correct in the Device Setting. If it is incorrect, you may be reporting data for a point in the past or future and you may not see it where you expect it. • Check your router firewall settings. The gateway sends data via port 80. If you can access other web sites using “http” (not to be confused with “https”) this setting will be OK.

No Wi-Fi connection, or gateway configuration failed	• Check for Wi-Fi light on the gateway. If wireless connectivity is operational, the Wi-Fi light will be steady. Make sure you configured the correct SSID and password. Repeat the procedure as necessary to verify. • The gateway does not support so-called “captive Wi-Fi” networks. These are typically “guest” type networks where users have to agree to terms and conditions before being connected. • Make sure your Wi-Fi supports 2.4 GHz signals (801 type B or G, or N) because Wi-Fi that uses the 5 GHz spectrum is not supported. For router with dual band, please disable the 5GHz band. • Turn off your mobile data/ cellular data. • Ensure the DHCP mode is open Try alternative methods. • Method 1: • Power off the gateway. • Power on the gateway. • Open the Wi-Fi network on your phone or computer, and connect to the hotspot of GW1100 -WIFIXXXX. • Open your browser, type 192.168.4.1 in the browser address search bar and enter - login - Local Network - enter your Router SSID and Password - Live Data. • Method 2: • Reset your router or reset the gateway to

	factory mode and then try the configuration again. • Method 3: • Try to set your router password to none and then do the configuration again. If successfully, you may set your router password back and configure the gateway again. • Method 4: • Try the configuration using a different mobile device.

Table 4 Troubleshooting Guide

11 Optional Sensors

The product supports receiving data from various sensors, which can be used with the Ecowitt server for enhanced data services. The RF reception function will always be turned on to receive data from all registered sensors anytime.

11.1 Sensor Data Reception Priority

Please note that data processing is prioritized when there is more than one sensor (array) or a rainfall sensor for outdoor temperature, wind, rain, and solar data where applicable registered in the gateway (sensor hierarchy).
Sensor Array/Sensor:
Outdoor temperature priority: WN32>
WS90>WS80>WS68>WS69.
Piezo rainfall priority: WS85>WS90
Traditional rainfall Priority: WH40>WS69
Solar: WS90>WS80>WS68>WS69.

11.2 Optional Sensors

The following sensors can be purchased separately. For more information, please visit our website: http://www.ecowitt.com. Select the model of the units with the same RF frequency as your gateway or display console (the frequency is different for various countries because of regulations).

Notes:
(1) The max Quantity in the following table indicates the maximum number of the same sensor model or type that can be connected to one gateway.

(2) Theoretically all the different sensor arrays (WS68, 69, 80, 85, 90) could be connected to one gateway at the same time, but due to the sensor hierarchy (see above) this would only make sense in a few special cases (e.g. WS85 + WS68 (get solar data from WS68). WS85 or WS90 + WS69 (get traditional rain data from the WS69).

Sensor Model	**Quantity of available per gateway**	**Picture**	**Functions**
WS90	1		Outdoor temperature & humidity, light, UV, wind speed/direction, rainfall
WS85	1		Wind speed/direction, rainfall
WS80	1		Outdoor temperature & humidity, light, UV, wind speed/direction

WS69	1		Outdoor temperature & humidity, light, UV, wind speed/direction, rainfall
WN67	1		Outdoor temperature & humidity, wind speed/direction, rainfall
WS68	1		Light, UV, wind speed/ direction
WH40	1*		Rainfall
WH40H			Rainfall
WN32P	1		Indoor temperature, humidity, and pressure
WN32/WN32S	1		Outdoor temperature and humidity
WN31/WN31S	8*		Temperature and humidity

WN30			Temperature
WN36			Pool temperature
WN34 L/S/D	8		Temperature
WN35	8		Leaf wetness
WH41	4*		PM2.5(Particulate Matter)
WH43			PM2.5(Particulate Matter)
WH45/WH46	1*		CO_2(Carbon Dioxide), PM(Particulate Matter), temperature and humidity
WH46D			CO_2(Carbon Dioxide), PM(Particulate Matter), temperature and humidity
WH51	16*		Soil moisture

WH51L			Soil moisture
WH55	4		Water leak detection
WH57	1		Lightning detection
LDS01	4		Laser Distance Sensor

Table 5 Optional Sensors

*) Combined fields mean that the maximum number is composed of the 2-3 options together.

12 Warranty

We disclaim any responsibility for any technical error or printing error or the consequences thereof.
All trademarks and patents are recognized.

We provide a 1-year limited warranty on this product against manufacturing defects or defects in materials and workmanship.
This limited warranty begins on the original date of purchase, is valid only on products purchased, and only to the original purchaser of this product. To receive warranty service, the purchaser must contact us for problem determination and service procedures.
This limited warranty covers only actual defects within the product itself and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, or claims based on misrepresentation by the seller, or performance variations resulting from installation-related circumstances.

Manufacture: Shenzhen Fine Offset Electronics Co., Ltd.
Address: 4/F, Block C, JiuJiu Industrial City, Shajing Town, Baoan District, Shenzhen City, China

12.1 IC Caution

This device contains licence-exempt transmitter (s) / receiver (s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions

suivantes :
1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This

equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur.
Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps

12.2 FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance
could void the user's authority to operate the 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 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.
To maintain compliance with RF Exposure guidelines,
This equipment should be installed and operated with minimum distance between 20cm the radiator your body:
Use only the supplied antenna.

IC Caution:
English:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.
French:

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L' exploitation est autorisée aux deux conditions suivantes :
1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

13 Contact Us

13.1 After-sales Service

Order Issues:

If you encounter any missing or incorrect shipments of Ecowitt products purchased, please reach out to the respective platform's customer service from the store where you bought the product for assistance.

Usage Inquiries:

For any issues related to product usage, feel free to contact our customer support team at support@ecowitt.com. We are committed to providing assistance and resolving any concerns you may have.

13.2 Stay in Touch

Ask questions, watch setup videos, and provide feedback on our social media outlets. Follow Ecowitt on Discord, YouTube, Facebook and Twitter.