

GW2000 Quick Start Guide



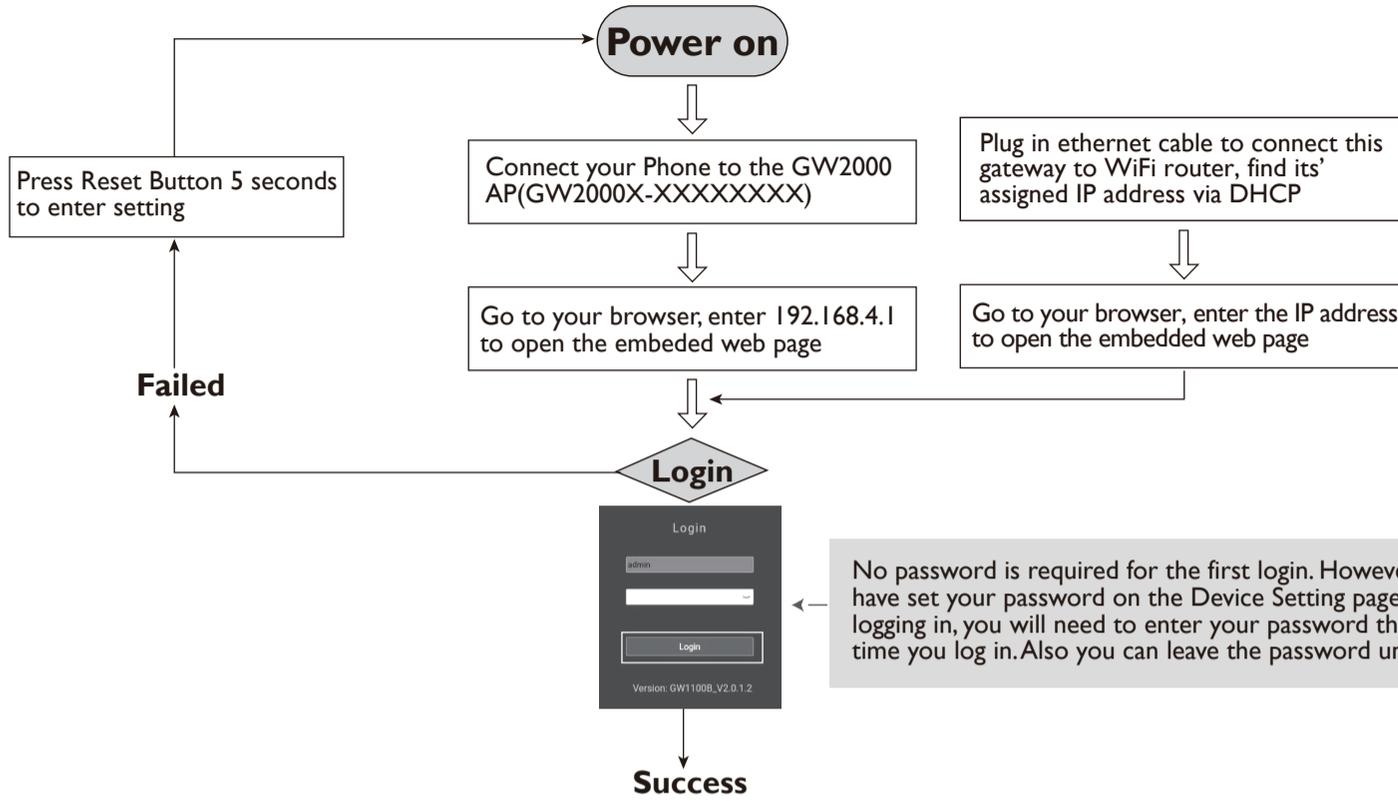
* Please scan the QR code to read English manual and keep it for future reference
 * Bitte scannen Sie den QR-Code zudeutsche Anleitung lesen und aufbewahren fürZukunftsbezug
 * Si prega di scansionare il codice QR perleggi il manuale italiano e conservarlo perReferenza futura

Instruction manuals

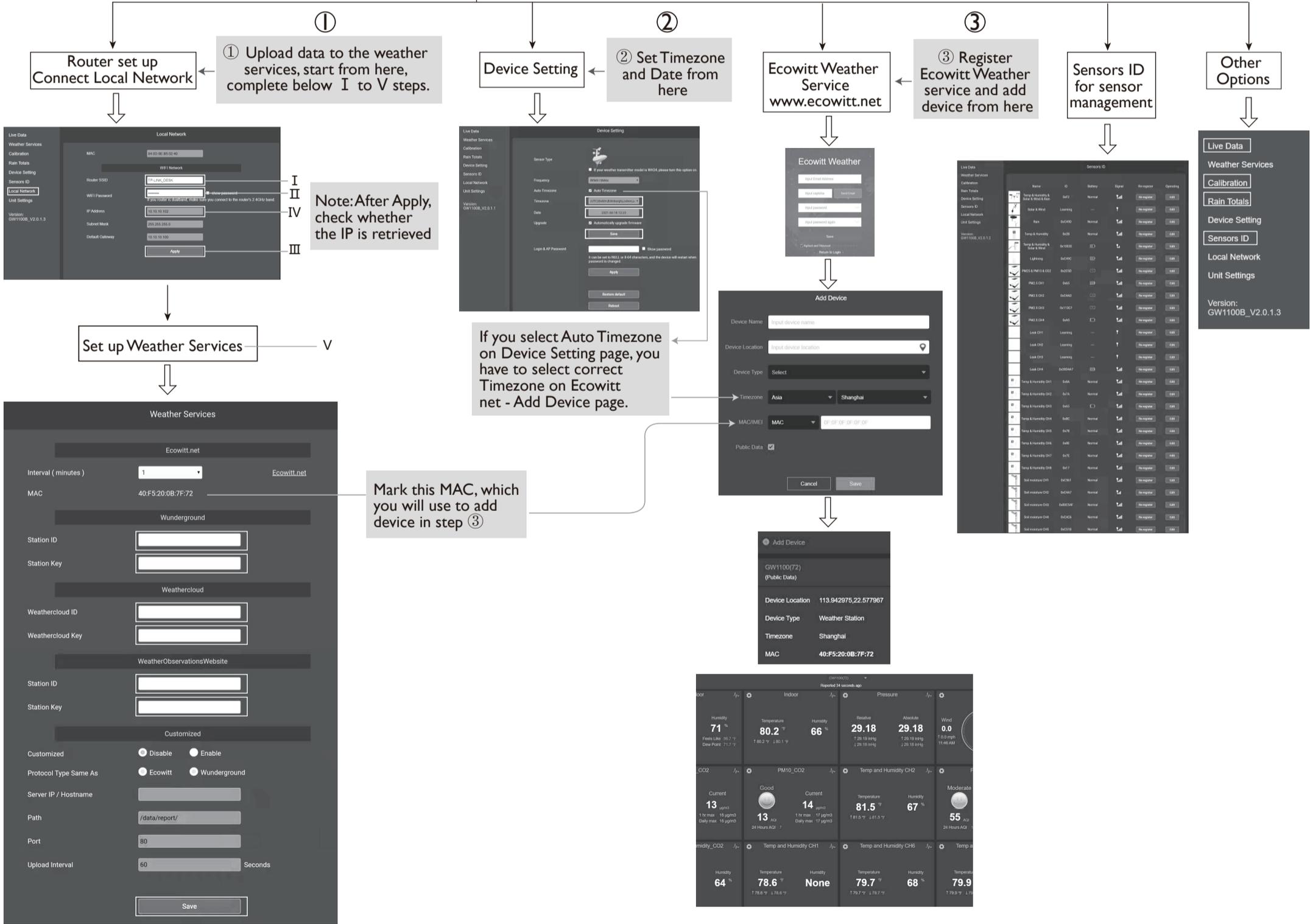
<https://www.ecowitt.com/support/download/178>



MADE IN CHINA



No password is required for the first login. However, if you have set your password on the Device Setting page after logging in, you will need to enter your password the next time you log in. Also you can leave the password unset.



Attention:
 Our product is continuously changing and improving, particularly online services and associated applications. To download the latest manual and additional help, please contact us at support@ecowitt.com or support.eu@ecowitt.net (EU/UK).

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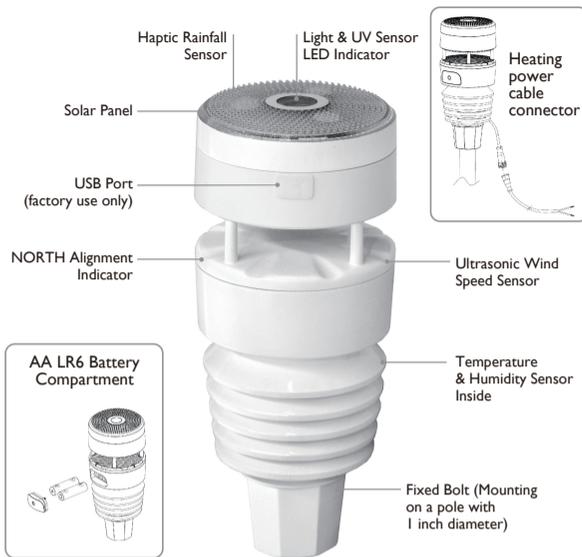
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WS90 7-in-1 Weather Station

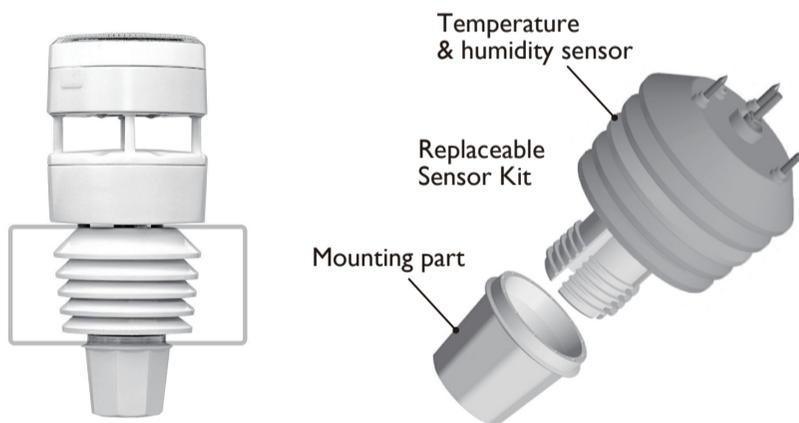
I. Compact and Built to last



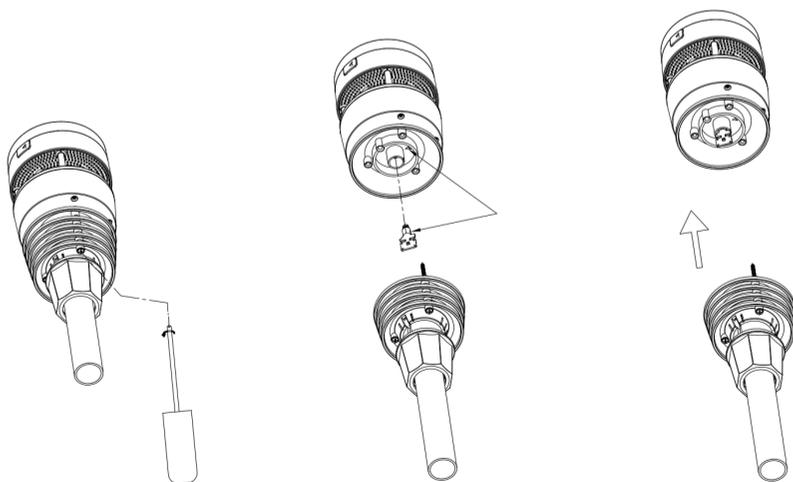
2. Feature

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| All-in-One Weather Station Temperature, humidity, wind direction and speed, light and UV levels | | Near - Zero maintenance All-in-one weather station with no moving parts | |
| Dual-Power Supply Solar Power Autonomy & Backup Battery | Haptic Rainfall Sensor More accuracy with Anti-vibration design | Get Live data instantly View live data on Ecowitt app or at EcoWitt.net | Get alert emails on your own defined alert condition, mails can be triggered to notify you the alert |
| Supports a bundle of sensors Those already developed sensors or to be developed future sensors are all supported. | Light, compact yet robust: IPX5 install it outdoors and let it do its weather station magic | Easy integration to 3rd party With its unique data exchange protocol, it can be integrated easily with 3 rd party systems. | Easy integration to 3rd party Data can be picked up & received through Hub GW2000 in 150m range |

3. Replaceable Temperature & Humidity Sensor



While compact, the entire structure of WittBoy is built to be robust and designed to withstand the test of time. The Temperature and Humidity Sensor Kit can be replaced whenever required.



1. Use screwdriver to untight the screws of the sensor.

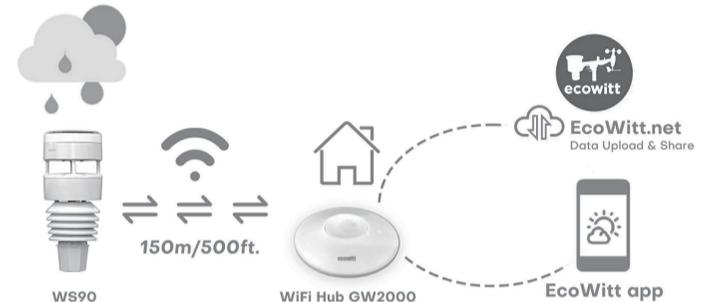
2. unplug the old sensor

3. Replace the old Temp & Humidity sensor with new one

4. Paired with Wi-Fi Hub GW2000



Your private weather station will pick up data of temperature, humidity, wind direction and speed, light and UV levels, as well as rainfall, and report it to you through its APP or the ecowitt.net website.



We Support



or your own defined server



Alert Email

Alert email sent upon customer defined alert condition.

View History Data on

Ecowitt APP/EcoWitt.net website

5. Specification

Measurement specification

| Measurement | Range | Accuracy | Resolution |
|----------------|-----------|------------------------------------|------------|
| Wind sped | 0~40m/s | <10m/s, +/-0.5m/s ≥10m/s, +/-5% | 0.1M/S |
| Wind direction | 0~359° | <4m/s, TBA ≥10m/s, ±10° | 1° |
| Temperature | -40~60°C | ±0.5°C | 0.1°C |
| Humidity | 1~99% | ±5% | 1% |
| Light | 0~300Klux | ±15% | 10Klux |
| UVI | 1~15 | ±2 | 1 |
| Rain | 0~9999 | ±10% | 0.1mm |

Power consumption

| Anemometer sensor (main) | Anemometer sensor (backup) |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Solar panel (built-in) 6.5V/4mA (integrated) | 2 x AA 1.5V battery (not included, recommended to use Lithium none rechargeable batteries) |