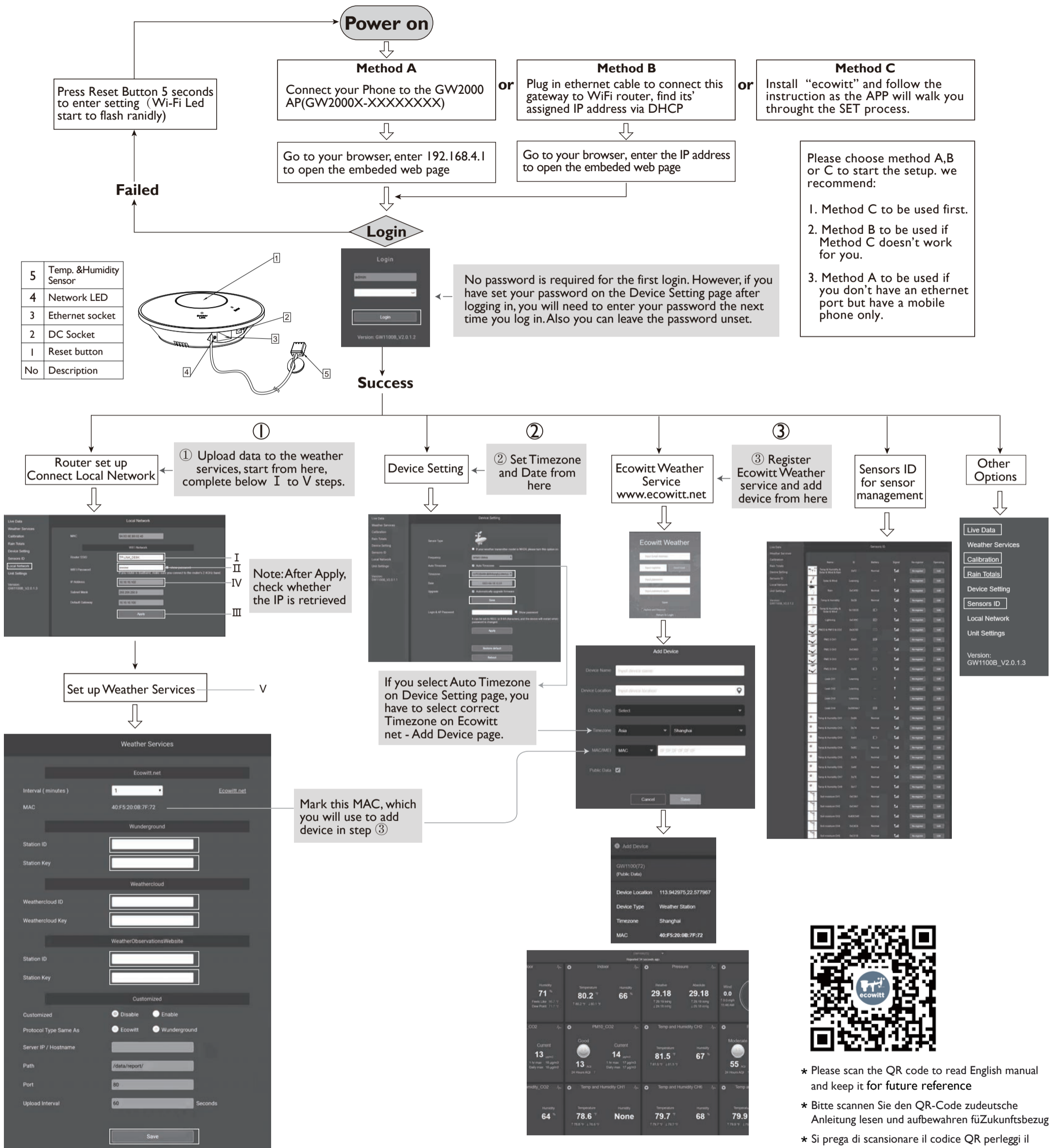


GW2000 Quick Start Guide



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).

Manufacturer:

ShenZhenShi OuSaiTeDianZi YouXianGongSi
Add: C Dong 4 Ceng A, Minzhujiajiugongyecheng AQu, Xihuanlu, Shajingjiedao, Baoanqu Shenzhen, Guangdong 518101, CN
E-mail: support@ecowitt.com support.eu@ecowitt.net (EU/UK)

UK representative



EC representative



Instruction manuals

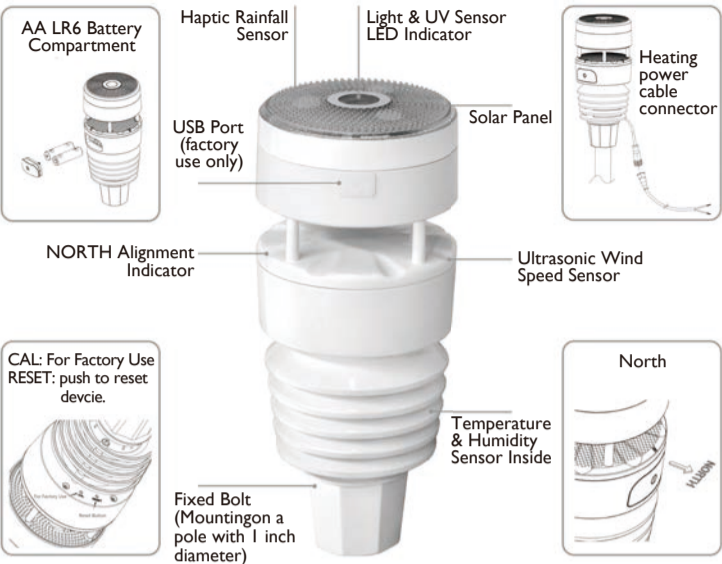
<https://www.ecowitt.com/support/download/178>



MADE IN CHINA

WS90BN 7-in-1 Weather Station

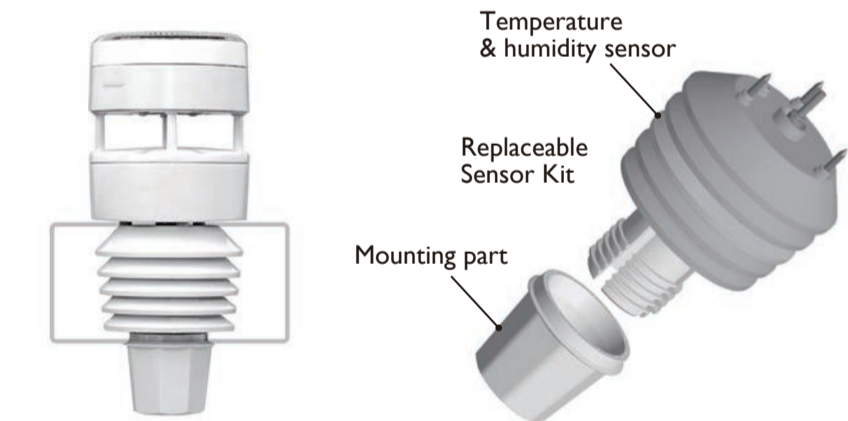
I. Compact and Built to last



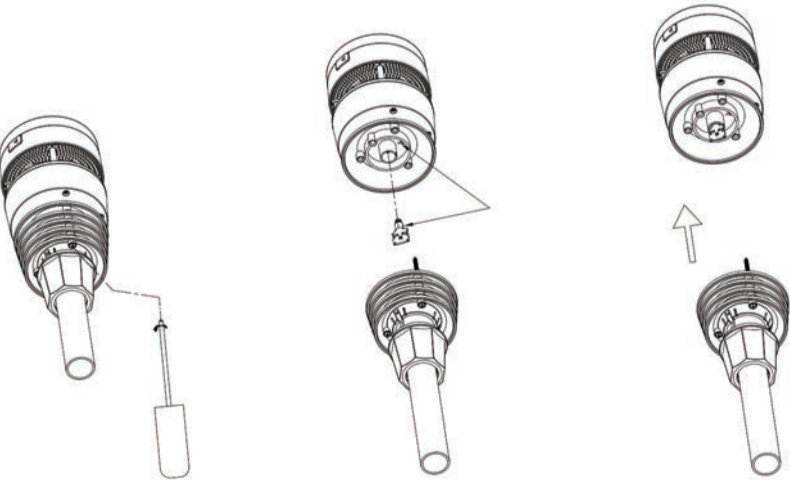
2. Feature

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		Get Live data instantly View live data on Ecovitt app or at EcoWitt.net	
Haptic Rainfall Sensor More accuracy with Anti-vibration design		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.		Easy integration to 3rd party With its unique data exchange protocol, it can be integrated easily with 3 rd party systems.	
Light, compact yet robust: IPX5 install it outdoors and let it do its weather station magic		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.



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 ecovitt.net website.



We Support



or your own defined server



Alert Email

Alert email sent upon customer defined alert condition.

View History Data on

Ecovitt APP/EcoWitt.net website

5. Specification

Measurement specification

Measurement	Range	Accuracy	Resolution
Wind speed	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)

FCC WARNING

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

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