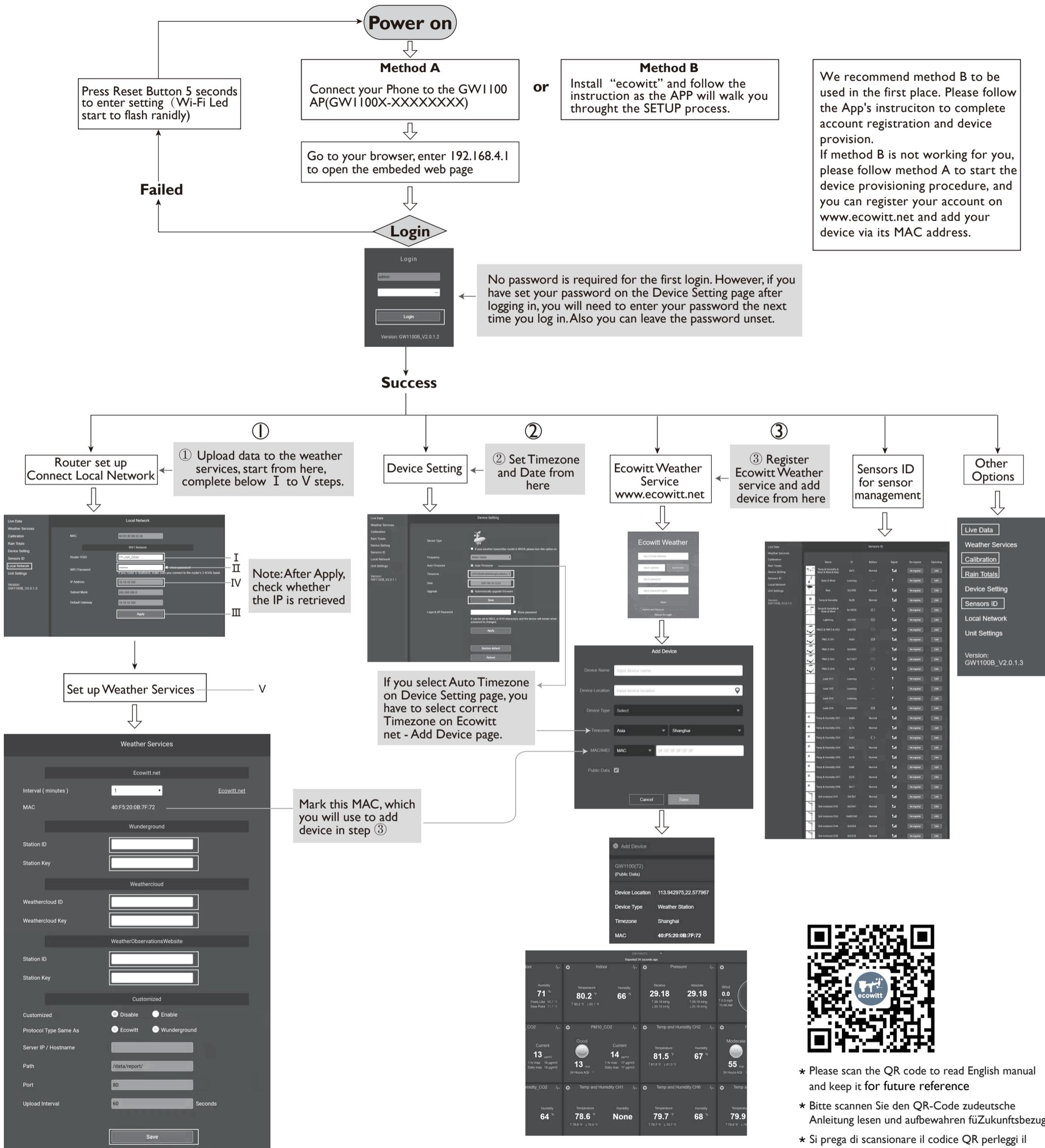


# GW1100 Quick Start Guide



We recommend method B to be used in the first place. Please follow the App's instruction to complete account registration and device provision. If method B is not working for you, please follow method A to start the device provisioning procedure, and you can register your account on [www.ecowitt.net](http://www.ecowitt.net) and add your device via its MAC address.



- \* 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 für Zukunftsbezug
- \* Si prega di scansionare il codice QR per leggere il manuale italiano e conservarlo per futura referenza

**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](mailto:support@ecowitt.com) or [support.eu@ecowitt.net](mailto:support.eu@ecowitt.net) (EU/UK).

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

**UK representative**  
UK AR HUA TENG LIMITED  
3 Glass Street, Hanley, Stoke on Trent, ST1 2ET United Kingdom

**EC representative**  
EC REP AC WORKS CONSULTING SH  
Via Vilfredo Pareto 125, 47521 Casena (FC), ITALY

**Instruction manuals**  
<https://www.ecowitt.com/support/download/106>



MADE IN CHINA

## GW1101, GW1102, GW1103, GW1104 Descriptions

### Warning:

- Any metal object may attract a lightning strike, including your weather station mounting pole. Never install the weather station in a storm.
- If you are mounting the weather station to a house or structure, consult a licensed electrician for proper grounding. A direct lightning strike to a metal pole can damage or destroy your home and the product.
- Installing your weather station in a high location may result in injury or death. Perform as much of the initial check out and operation on the ground and inside a building or home. Only install the weather station on a clear, dry, day.
- Please setup the system and put the sensors in a conveniently accessible temporary location for a few days, familiar with the system and make sure the system operate normally before install them into a permanent position. When you mount the sensor, remember to take your phone and have the webpage showing the data displayed, before fixing to the mounting pole, be sure you can see the signal can be picked up by the GW1100 gateway reliably. So check out on site system data while you are mounting the sensors.

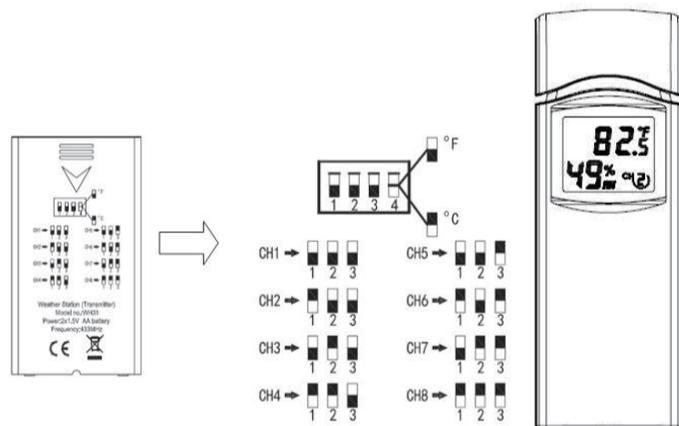
### Model difference overview:

Sensor Matched	GW1100	GW1101	GW1102	GW1103	GW1104
Multi CH T&H	WH31				✓
Outdoor T&H	WH32		✓		
Rain Gauge	WH40		✓	✓	
Wind & Solar	WS68		✓		
Sensor Array	WS69	✓			
Sonic Wind	WS80			✓	

### WH31 & WH32

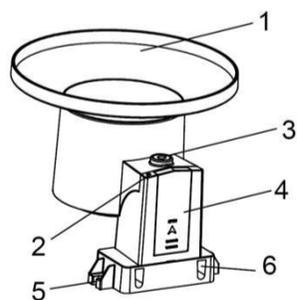
WH31 and WH32 looks quite similar, but with different function definition applied. WH32 is a dedicated outdoor temperature and humidity sensor, it has highest priority against WS69 or WS80 integrated sensor temperature and humidity data. WH31 is a dip switch selectable multi-channel temperature and humidity sensor. It supports maximum 8 channels. Sensor operates on 2pcs AA Alkaline batteries.

 Switch in down position.
  Switch in up position.

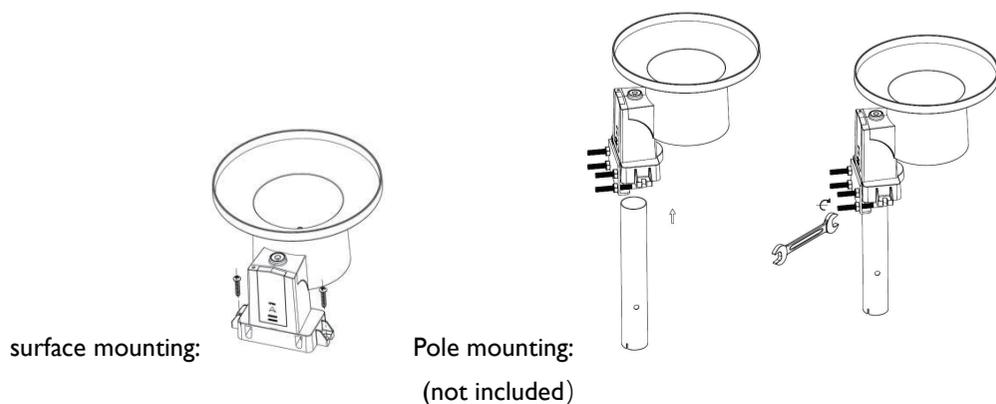


### WH40

WH40 is a rain gauge. Be sure to lock the funnel firmly and in position( tell by having the arrow mark matched).The battery door should be tightly locked without gaps. 1pc AA battery ( Lithium non rechargeable recommended). LED flashes every 49s in normal operation. Press "RESET" button if LED doesn't light up or stays on all the time.



1. Rain collector top	4. Battery compartment door
2. LED Indicator	5. Surface installation screw hole
3. Bubble level	6. U-bolt installation hole

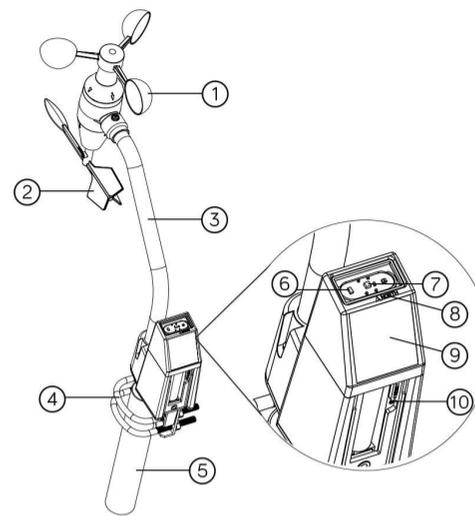


surface mounting:

Pole mounting:  
(not included)

### WS68

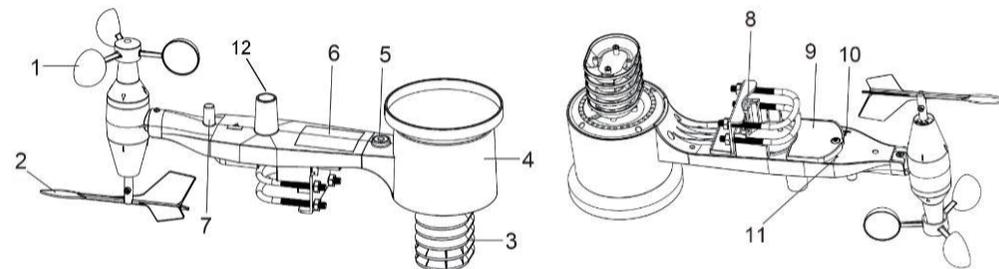
It operates on 1 AA battery ( Lithium recommended).



1. Wind speed cups	6. LED (red) to indicate data transmission
2. Wind vane	7. Light sensor and UV sensor
3. Connection tube	8. NORTH arrow
4. U-Bolts	9. Solar panel
5. Mounting Pole(not included)	10. Reset button

### WS69

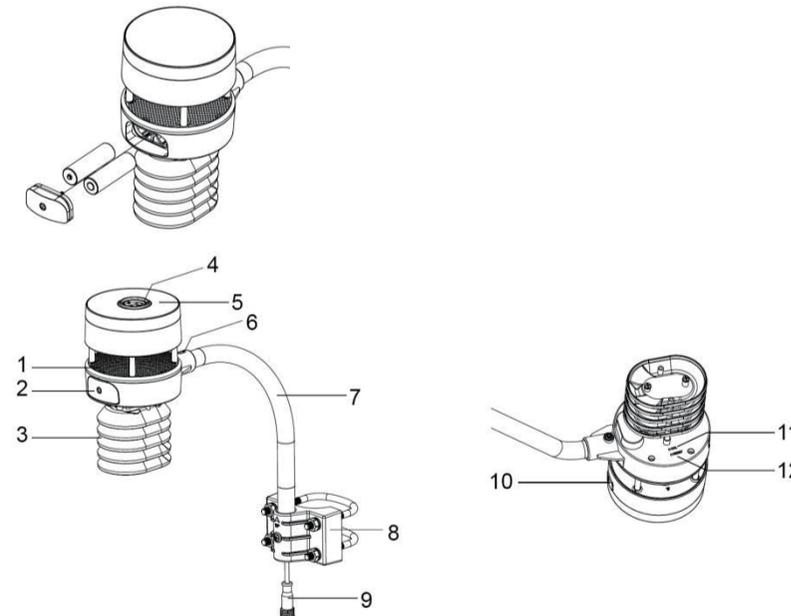
It requires 2pcs AA Lithium(recommended) or Alkaline batteries. LED flashes every 16s in normal operation. Press "RESET" button if LED doesn't light up or stays on all the time.



1. Wind Speed cups	7. Antenna
2. Wind Vane	8. U-Bolts
3. Thermo- and hygro-meter sensors	9. Battery compartment door
4. Rain collector	10. Reset button
5. Bubble level	11. LED (red) to indicate data transmission
6. Solar panel	12. Light sensor and UV sensor

### WS80

It requires 2pcs AA Lithium(recommended) or Alkaline batteries. LED flashes every 5s in normal operation. Press "RESET" button if LED doesn't light up or stays on all the time.



1. Surface tension conditioner layer ( patent pending)	7. Mounting arm
2. Battery compartment	8. Mounting bracelet and U-bolt set
3. Temperature & humidity sensor	9. Power cord for built-in heater(12v1.0A)
4. Light & UV sensor, LED indicator	10. USB port (factory use only )
5. Solar Panel	11. Calibration button (factory use only )
6. NORTH alignment indicator	12. Reset button