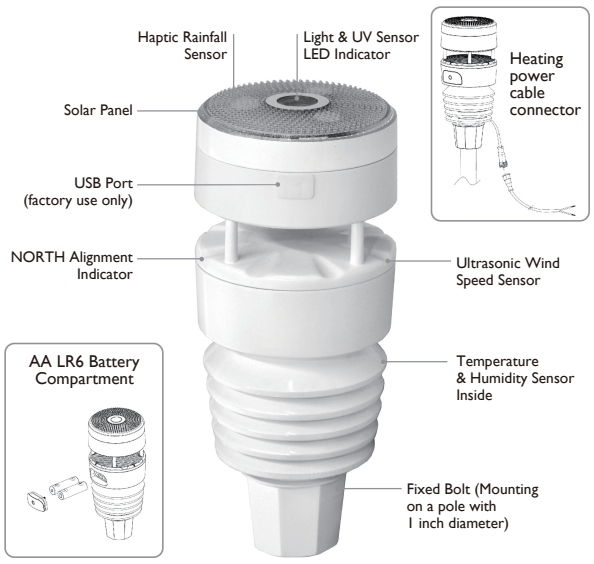
WS90 7-in-1 Weather Station

1. 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

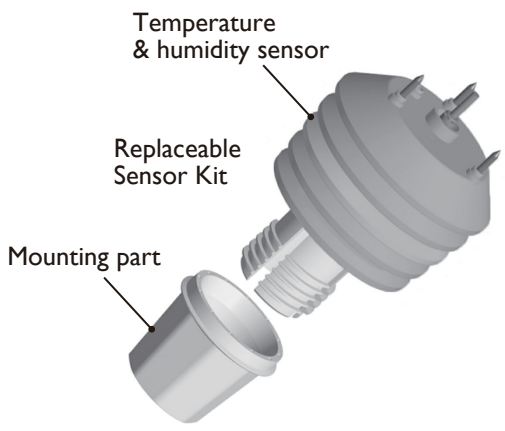
Supports a bundle of sensors
Those already developed sensors or to be developed future sensors are all supported.

Light, compact yet robust: IPX5
install it outdoors and let it do its weather station magic

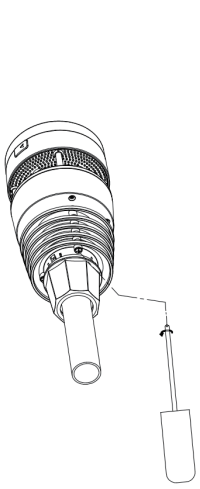
Easy integration to 3rd party
With its unique data exchange protocol, it can be integrated easily with 3rd party systems.

Easy integration to 3 party
Data can be picked up&received through Hub GW2000 in 150m range

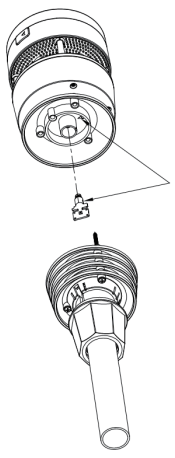
3. Replaceable Temperature & Humidity Sensor



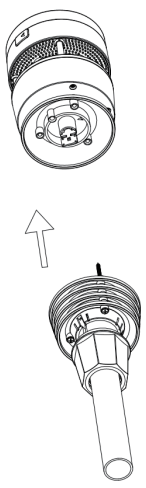
While compact,the entire structure of WittBoy is built to be robust and designed to withstand the test of time. The Temperature and Humidity Sensor Kit can be replaced whenever required.



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



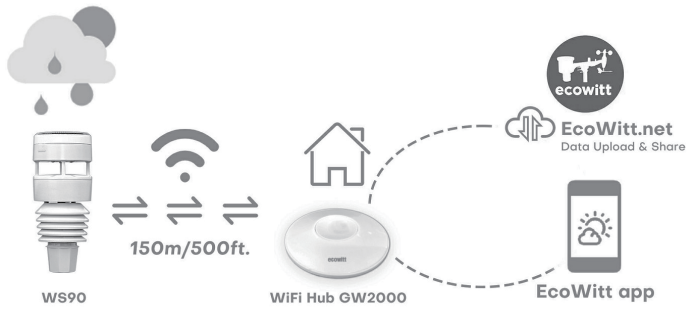
2. unplug the old sensor



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

weathercloud · EcoWitt.net · Weather underground · Weawow Weather

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)