# Professional Wireless WiFi Weather Station

## WN1920

**Your Weather at Your fingertips**

**View Historical Data**

**Optional accessory**

**Remote Battery Pack for outdoor Sensors**

- Extra-long 30-foot cable lets you keep the batteries in a remote, weather-resistant compartment that you can mount in a ground-level location.
- Setup is easy: Battery Pack inserts into the battery compartment on outdoor Sensor.

## Optional sensors:

| Sensor | Description |
|---|---|
| WH31 | **Temp & Humidity** sensor (max 8) |
| WH41 | **Outdoor PM2.5** sensor (max 4) |
| WH43 | **Indoor PM2.5** sensor (max 4) |
| WH45 | **Indoor PM2.5/PM10 /CO2** sensor |
| WH55 | **Water Leak Alarm** (max 4) |
| WH57 | **Thunder and Lightning** sensor |
| WN34BL | **Temperature** sensor |
| WN34BN | **Temperature** sensor |

## Technical Specifications

◎ Display Dimensions: 104.5x110x27.5mm
◎ Display Power: powered by USB connection(USB cable included) or 2×AA alkaline batteries (not included)

| Measurement | Range | Accuracy | Resolution |
|---|---|---|---|
| Wind speed | 0~50m/s | <10 m/s, ±1m/s  ≥10m/s, ±10% | 0.1M/S |
| Wind direction | 0~359° | ±5° | 1° |
| Pressure | 300~1,100 hPa | @ 25℃ ±5 hPa | 0.1 hPa |
| Temperature | -40~60℃ | ±1℃ | 0.1℃ |
| Humidity | 10~99% | ±5% | 1% |
| Rain Range | 0~10000mm | ±10% | 0.1mm |

## Features

◎ Provide 2 ways to configure WiFi: through WS View Plus app or embedded web page

◎ Live Data on APP: Makes all sensor data available to mobile application (WS View Plus for iOS or Android) on your local network; Mobile application is also used for local viewing of sensor data, and to assist in configuration of services.

◎ WiFi capable: enables your station to publish its data wirelessly to Ecowitt/Weather Underground/Weather Cloud/WOW and view the current weather condition directly via our weather app WS View Plus.

◎ Free app WS View Plus.

◎ Time Global time synchronization while base station connected with the internet

◎ Indoor/Outdoor temperature and humidity Wind speed, gust speed, and wind direction

◎ Absolute and Relative barometric pressure

◎ Rainfall rate and totals for one hour, one day, one week, one year

◎ Wind chill, dew point and heat index display

◎ Selectable display units for each sensor: °F or °C (temperature); mph, kph (wind speed); inHg, hPa or mmHg (pressure); in or mm (rainfall).

◎ Weather forecast based on barometer reading

◎ High/low alarm for indoor& outdoor temperature and humidity

◎ 150meter transmission range