

HP2551CA Wireless Weather Station and Data Logger with Wi-Fi for real-time monitoring

* Wi-Fi Network and Internet connection required

Personal Weather Station with Wi-Fi Capability and All-in-One Outdoor Sensor

This personal weather station offers a reliable and accurate way to monitor weather conditions in your home and backyard. The newly designed interface is user-friendly and displays all the vital information you need with ease. Here are some of the features that make this device stand out:



- **Wi-Fi Capability:** Publishes data wirelessly to Weather Underground/Weather Cloud/WOW and can be viewed through the WS View app. Can also upload data to ecowitt.net to receive email alerts for all sensor data.
- **Large TFT Color Screen:** Displays wind speed and direction, dewpoint, rainfall, indoor and outdoor temperature and humidity, barometric pressure, moon phase, solar radiation, and UV. Also includes a weather forecast function.
- **All-in-One Outdoor Sensor:** Features a wind vane, wind speed cups, UV/solar radiation sensor, thermo-hygrometer sensor, rain gauge, bubble level, and solar collector. A 7-in-1 integrated sensor provides 100M long-range wireless connectivity.
- **Max/Min & History Records:** Displays max/min and historical records of sensors directly on the console. Also includes a sunrise and sunset time display. Supports up to 8 WH31 multi-channel temp and humidity sensors, one WH51 soil moisture sensor, and one WH41 PM2.5 air quality sensor.

- **Specifications:**
- Outdoor sensor Transmission distance in open field: 100 m (330 ft.);
- Temperature range: -40°F - 140°F; Accuracy: 2°F
- Humidity range: 10% ~ 99%; Accuracy: 5%
- Rain volume display range: 0–199.99 in; Accuracy: 10%
- UV-Index range: 0 – 15; Light range: 0 – 120 kLux
- Sensor reporting interval: 16 seconds
- Power Console: 5V DC Adapter (included)
- Indoor Sensor : 2 x AA Batteries (not included)
- Outdoor sensor: Solar panel (built-in)
- Outdoor sensor (backup): 2 x AA Batteries (not included)

**New Lightning Detector

