

ECOWITT HP2550

ECOWITT HP2550 Weather Station Console User Manual

Model: HP2550

1. INTRODUCTION

The ECOWITT HP2550 is a 7-inch TFT color display console designed for use with various ECOWITT wireless weather sensors. It provides comprehensive monitoring of weather conditions, displaying data such as indoor and outdoor temperature, humidity, atmospheric pressure, wind speed and direction, precipitation, UV index, and solar radiation. The console supports Wi-Fi connectivity for data upload to cloud services and allows for viewing historical sensor data and diagrams directly on the screen.



Figure 1.1: ECOWITT HP2550 Console

This manual provides detailed instructions for setting up, operating, and maintaining your HP2550 console to ensure accurate and reliable weather monitoring.

2. KEY FEATURES

- **7-inch TFT Color Display:** High-resolution screen for clear data visualization.
- **Extensive Weather Monitoring:** Displays indoor temperature, humidity, absolute and relative atmospheric pressure, wind speed, wind direction, precipitation, outdoor temperature, humidity, UV, dew point, wind chill, heat index, moon phase, and sunrise/sunset times.
- **Wi-Fi Connectivity:** Supports automatic or manual firmware upgrades and data transfer to Ecowitt cloud or personal weather station networks.
- **Broad Sensor Compatibility:** Collects data from various Ecowitt wireless sensors (e.g., WS90, WS69, WS80, WS68, WH51, WH31, WN30, WN34, WH55, WH41, WH43, WH57, WH45).
- **Adjustable Brightness:** Screen brightness can be freely adjusted to suit viewing conditions.

- **Multi-language Support:** Supports 8 languages for user interface.
- **Historical Data & Graphs:** View sensor history and diagrams directly on the console.

3. SETUP AND INSTALLATION

3.1 Powering the Console

The HP2550 console is powered by an AC adapter (included). Connect the adapter to the console's power input and plug it into a standard electrical outlet. The console does not operate on batteries.

3.2 Sensor Pairing

The console automatically pairs with compatible Ecowitt outdoor sensors such as WS90, WS69, WS80, and WS68. Ensure your outdoor sensor is powered on and within range of the console. For additional sensors (e.g., WH51, WH31, WN30, WN34, WH55, WH41, WH43, WH57, WH45), the console will automatically detect and display their data once they are powered on and within range.



Figure 3.1: Console and Outdoor Sensor Setup

3.3 Wi-Fi Configuration

To enable data upload and firmware updates, configure the console's Wi-Fi settings. Refer to the on-screen menu for Wi-Fi setup. The console can transfer data to the Ecowitt cloud or your personal weather station network.

4. OPERATION

4.1 Display Overview

The 7-inch TFT display presents various weather parameters. The layout is designed for easy readability. You can navigate through different screens using the buttons located at the bottom of the console.



- | | |
|---|--|
| 01. Outdoor temperature | 09. Outdoor Feels Like/Dew point/Humidity/10Min. Average Wind Direction/Max Daily Gust |
| 02. WiFi Signal Bar | 10. Sunrise / Sunset Time |
| 03. Low Battery Indicators (Indoor Thermo-hygrometer-barometer transmitter) | 11. Rainfall Daily/Event/Hourly/Weekly/Monthly/Yearly |
| 04. Low Battery Indicators (Outdoor SensorArray) | 12. Weather forecast |
| 05. Wind direction/Wind speed/Gust | 13. ABS/REL Barometer |
| 06. Indoor temperature | 14. Moon Phase |
| 07. Date and time | 15. UV |
| 08. Indoor humidity | 16. Solar Radiation |

Figure 4.1: Console Display Layout with Key Indicators

1. Outdoor temperature
2. Wi-Fi Signal Bar
3. Low Battery Indicators (Indoor Thermo-hygrometer-barometer transmitter)
4. Low Battery Indicators (Outdoor SensorArray)
5. Wind Direction/Wind speed/Gust
6. Indoor temperature
7. Date and time
8. Indoor humidity
9. Outdoor Feels Like/Dew point/Humidity/10Min. Average Wind Direction/Max Daily Gust
10. Sunrise / Sunset Time
11. Rainfall Daily/Event/Hourly/Weekly/Monthly/Yearly
12. Weather forecast
13. ABS/REL Barometer
14. Moon Phase
15. UV

4.2 Adjusting Display Settings

The console allows you to adjust the screen brightness and switch between different background themes (dark blue and light grey) for optimal viewing comfort.

Large TFT Colored Display Console *Two background (dark/light) themes selectable*



Free switching between two background themes

Figure 4.2: Switching Between Display Themes

Use the dedicated button on the console to toggle between the dark and light background themes. Brightness adjustments can typically be found within the console's settings menu.

5. SENSOR COMPATIBILITY

The HP2550 console is designed to work seamlessly with a wide range of ECOWITT wireless sensors, allowing you to customize your weather monitoring system. The console can receive data from multiple types of sensors simultaneously.

HP2551/2553 Display Console Supports Pairing With These Ecowitt Weather Sensors

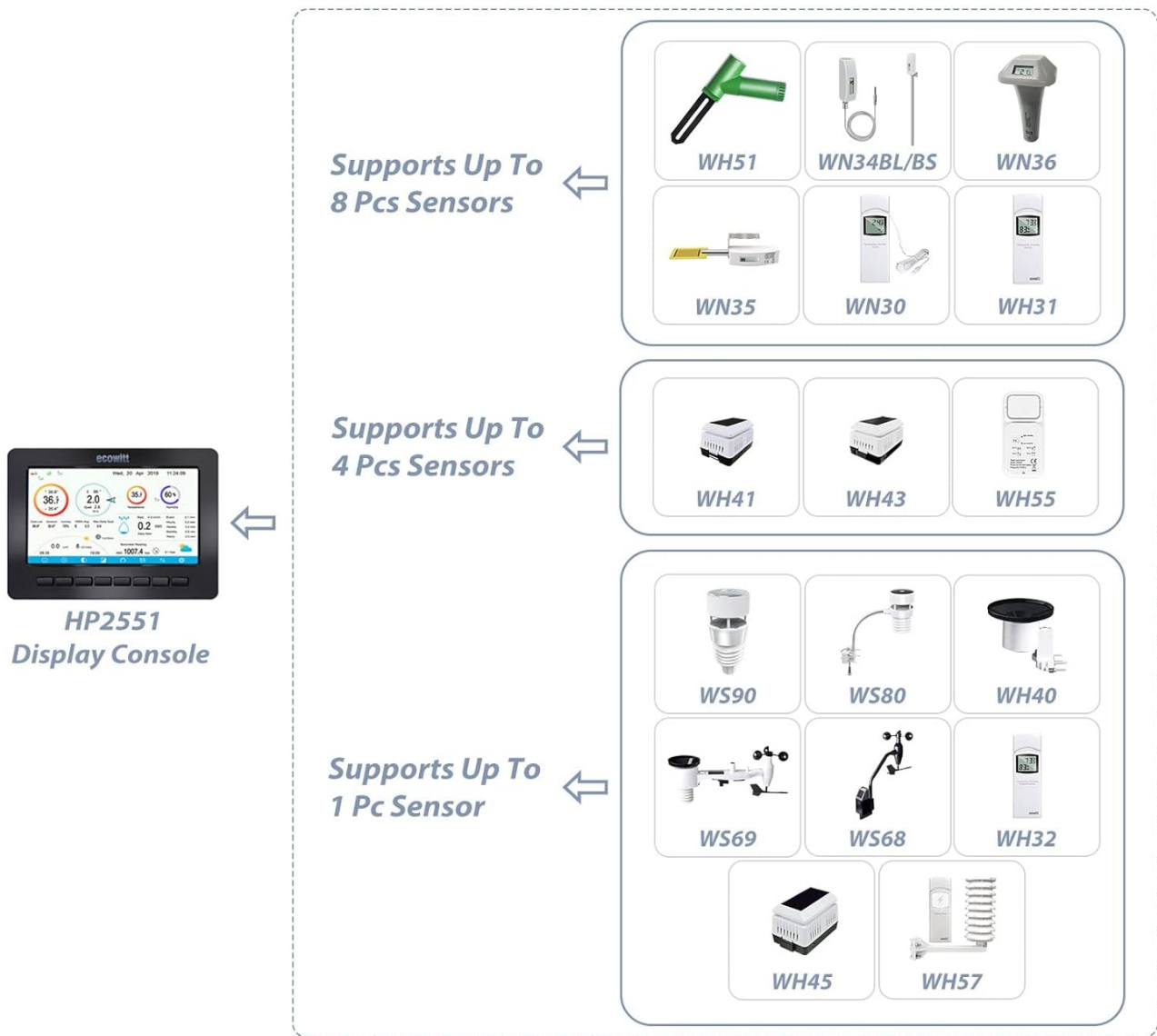


Figure 5.1: HP2550 Console Sensor Compatibility Chart

Supported Sensors:

- **Integrated Outdoor Sensors:** WS90, WS69, WS80, WS68 (7-in-1 sensors).
- **Multi-channel Temperature & Humidity Sensors:** Up to 8 x WN31, WH31.
- **Multi-channel Temperature Sensors:** Up to 8 x WN30, WN34S/L.
- **Soil Moisture Sensors:** Up to 8 x WH51.
- **PM2.5 Air Quality Sensors:** Up to 4 x WH41, WH43.
- **Water Leak Sensors:** Up to 4 x WH55.
- **Lightning Sensor:** 1 x WH57.
- **All-in-one PM2.5/PM10/CO2/Temp/Humidity Sensor:** 1 x WH45.
- **Rain Gauge:** WH40.
- **Indoor Thermo-Hygrometer-Barometer:** WN32 (Note: The HP2550 console itself does not include built-in indoor temperature, humidity, or atmospheric pressure sensors. A separate WN32 sensor is required to display this information.)

6. MAINTENANCE

6.1 Firmware Updates

Firmware updates for the HP2550 console are performed using a micro SD card (up to 32GB, formatted as FAT32). The USB port on the console is for firmware updates only and not for data communication. Regularly check the ECOWITT website for the latest firmware versions to ensure optimal performance and access to new features.

6.2 Cleaning

Wipe the console's screen and body with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the display or casing.

7. TROUBLESHOOTING

- **No Indoor Temperature/Humidity/Pressure Display:** The HP2550 console does not have built-in indoor sensors. You must purchase and pair a separate WN32 indoor sensor to display these parameters.
- **Sensor Data Not Displaying:**
 - Ensure the sensor is powered on and its batteries are not depleted.
 - Verify the sensor is within the console's wireless range (typically up to 100 meters / 328 feet in open air). Obstacles like walls can reduce range.
 - Check for strong interference sources nearby.
 - Try re-pairing the sensor if applicable (refer to sensor-specific manual).
- **Wi-Fi Connection Issues:**
 - Ensure your Wi-Fi network is 2.4GHz (5GHz networks are not supported).
 - Verify the Wi-Fi password is entered correctly.
 - Move the console closer to your Wi-Fi router.
 - Restart your router and the console.
- **Display Not Responding:** Try unplugging the AC adapter, waiting a few seconds, and plugging it back in to restart the console.

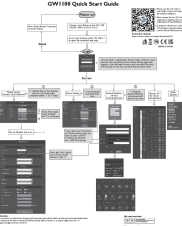
8. SPECIFICATIONS

Feature	Detail
Model Number	HP2550
Display Type	7-inch TFT Color Screen
Power Source	AC Adapter (no batteries included or required for console operation)

Feature	Detail
Dimensions (L x W x H)	4.98 x 3.81 x 1.98 cm (approx. 1.96 x 1.50 x 0.78 inches)
Weight	360 grams (approx. 0.79 lbs)
Wi-Fi Support	Yes (2.4GHz only)
Firmware Update	Via Micro SD Card (up to 32GB, FAT32)
Supported Sensors	WS90, WS69, WS80, WS68, WH51, WH31, WN30, WN34, WH55, WH41, WH43, WH57, WH45, WH40, WN32



Related Documents

	Ecowitt WS3800 Weather Station Receiver Manual Installation & User Guide Comprehensive user manual for the Ecowitt WS3800 Wi-Fi LCD Weather Station Receiver. Learn about installation, setup, features, sensors, and troubleshooting for accurate weather monitoring.
	Ecowitt WS90 7-in-1 Weather Sensor User Manual and Specifications Detailed user manual for the Ecowitt WS90 7-in-1 Outdoor Weather Sensor. Covers installation, configuration, features, specifications, calibration procedures, maintenance, FCC compliance, and warranty information.
	Ecowitt GW1100 Wi-Fi Weather Station Quick Start Guide A concise guide to setting up and connecting the Ecowitt GW1100 Wi-Fi Weather Station Gateway with various sensors. Covers initial power-on, network connection, weather service registration, and sensor compatibility.



7-IN-1 WIRELESS SOLAR POWERED
WEATHER SENSOR
Model: WS69

<http://s.ecowitt.com/G3UB0Q>

[Ecowitt WS69 7-in-1 Wireless Solar Powered Weather Sensor Manual](#)
Comprehensive user manual for the Ecowitt WS69 7-in-1 Wireless Solar Powered Weather Sensor. This guide covers installation, setup, features, specifications, maintenance, and troubleshooting for accurate environmental monitoring.

Documents - ECOWITT – HP2550



Weather Station Receiver Manual
Model: HP2550

<http://s.ecowitt.com/G3UB0Q>

[\[pdf\]](#) User Manual
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Weather Station Receiver Manual Model: **HP2550** <https://s.ecowitt.com/G3UB0Q>
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.....1 2. Initial Setup and Usage
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lang:en **score:50** filesize: 7.29 M page_count: 96 document date: 2025-01-17



Weather Station Receiver Manual
Model: HP2550

<http://s.ecowitt.com/G3UB0Q>

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Weather Station Receiver Manual 19 nov 2024 — Thank you for your purchase of Ecowitt HP2550 weather station receiver The is a 7 diagonal size TFT high resolution colored console manual 1111 1 oss ecowitt net 20241120 |||
Weather Station Receiver Manual Model: **HP2550** <https://s.ecowitt.com/G3UB0Q>
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Model HP2550 Weather Station Receiver Ecowitt net 1 Introduction
Thank you for your purchase of the Ecowitt HP2550 weather station receiver or console. The Ecowitt HP2550 is a 7-inch diagonal size TFT high-resolution colored manual 2 24 2025 02 24 |||
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[\[pdf\]](#) User Manual

Weather Station Receiver Manual The HP2550 needs to be used with optional sensors to obtain outdoor weather data. Apart from the indoor provided by an extra sensor which HP2550 console manual 1111
1 HP2550 10ss ecowitt net 2024 11 20 1 |||
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lang:en score:42 filesize: 6.62 M page_count: 92 document date: 2024-11-20



[Ecowitt WH51L Soil Moisture Sensor Manual](#)

A comprehensive manual for the Ecowitt WH51L soil moisture sensor, detailing its features, installation, usage, calibration, and compatibility with various Ecowitt gateways and consoles.

lang:en score:41 filesize: 2.68 M page_count: 37 document date: 2024-01-12



[Ecowitt HP2550 Weather Station Receiver Manual](#)

User manual for the Ecowitt HP2550 Weather Station Receiver, detailing setup, operation, features, and troubleshooting.

lang:en score:41 filesize: 6.7 M page_count: 95 document date: 2025-02-21

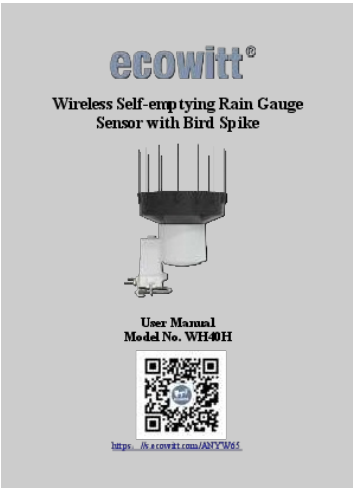


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kibill yeung WH51L Manual 3 7 2025 Ecowitt Weather Quick Start oss ecowitt net 20250307 |||

Soil Moisture Sensor Manual Model: WH51L <https://s.ecowitt.com/XWRGTY> Table of Contents 1. Introdu ... paired with Console WH029143 5.4 When paired with a Weather Station Console **HP2550**/HP256044 5.5 When paired with a Weat...

lang:en score:40 filesize: 2.85 M page_count: 65 document date: 2025-03-07



[\[pdf\]](#) User Manual Quick Start Guide Installation Guide

admin FG WH40AH ECO1 User Manual oss ecowitt net 20250116 |||

Wireless Self-emptying Rain Gauge Sensor with Bird Spike User Manual Model No. WH40H <https://s.ecowitt.com/ANYW65> ... can directly pair with these display consoles via RF within the wireless transmission range. WH5360 **HP2550** HP2560 WN1920 WN1980 HP3500 WS3800 WS3820 WS3900 /WS3910 Table 2 Note The WH5360 can co...
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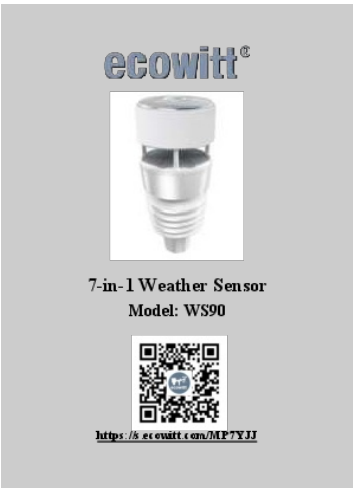
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Weather Station Receiver Manual Model: **HP2550** <https://s.ecowitt.com/G3UB0Q>
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MX 7 in 1 Outdoor Sensor WS90 English Manual 0318 1WeatherSensor Ecowitt Weather Quick Start 2 HP2560 WS3800 WS3900 3910 HP2550 WN1820 1821 WN1920 1980 Showon the display Show outdoor temperature humidity oss ecowitt net 20241106 |||

7-in-1 Weather Sensor Model: WS90 <https://s.ecowitt.com/MP7YJJ> Table of Contents 1. Introduction GW2000/GW1200 GW1100 GW2000 GW1200 Table 1 Pair with the consoles: HP2560/WS3800/WS3900/WS3910/**HP2550**/ WN1820/ WN1821/WN1920/WN1980 1 HP2560 WS3800 WS3900 /3910 **HP2550** WN1820/ 1821 WN1920...

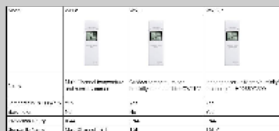
lang:en score:39 filesize: 632.27 K page_count: 29 document date: 2024-09-19

The firmware can be upgraded in three ways: USB, SD card and OTA, so you can choose the appropriate upgrade way according to your device model.

Tip: When replacing it with a higher-capacity card, please be mindful of the memory cards' maximum read/write cycles and lifespan.

Step 1: Search for "ecowitt" in your browser to access the [ecowitt homepage](#)
Step 2: Search for the device name.
Step 3: Click to go to the product detail page.

If you need more than one such sensor, please check on WN31 (the multi-channel general purpose temperature/humidity sensor, 8 such sensor can be supported at most). This WN32P sensor is a dedicated indoor temperature/humidity with barometer for HP2550/HP3500 console use.



The firmware can be upgraded in three ways: USB, SD card and OTA, so you can choose the appropriate upgrade way according to your device model.

NOTE: 1.  means the firmware can upgrade by this way.
2.  means the firmware can not upgrade by this way.

3. If your device is upgraded via USB, you need to prepare a USB; if your device is upgraded via SD card, you need to prepare a SD card with RAM no more than 32G. For cards larger than 32GB, use the Rufus tool to format the SD card to FAT32. Download the tool from <https://rufus.ie/en/>.

Tip: When replacing it with a higher-capacity card, please be mindful of the memory card's maximum read/write cycles and lifespan.

4. You can upgrade your firmware on any network by the ecomix app-Edi

Step 1: Search for "ecowin" in your browser to access the ecowin homepage

Step 2: Search for the device name.

Step 3: Click to go to the product detail page.

lang:en score:38 filesize: 939.48 K page count: 10 document date: 2024-12-11

```
HP2550 & HP2560 V2.0.1_2025-06-17
1 Added support for TFT display, SD recording, and updating.
2 Fixed wrong time calculation (wrong time to record UTC time
3 Fixed some battery issues.

HP2550 & HP2560 V2.0.4_2025-03-25
1 The Gust value stored in the SD card is the maximum value of the last 2 minutes.
2 Supports the LDS01 data filter level.
3 Fixed some abnormal display bugs.

HP2550 & HP2560 V2.0.3_2025-03-11
1 Fix the issue where the sensor battery level may not be updated.

HP2550 & HP2560 V2.0.2_2025-03-07
1 Added support for 16-channel rail switcher sensor.
2 Fixed an issue where the maximum and minimum value interfaces displayed incorrect
3 Optimized the algorithm for calculating relative air pressure based on altitude.

HP2550 & HP2560 V2.0.1_2025-01-17
1 Fixed a bug that could crash in different languages.
2 Supports LDS01 heat count statistics.

HP2550 & HP2560 V2.0.0_2025-01-07
1 The relative barometer algorithm is changed to calculate based on absolute barometer,
2 outdoor temperature and altitude. And change the Bar Barometer setting to Absolute for YEL.
3 Supports LDS01 heat count statistics.

HP2550 & HP2560 V1.9.9_2024-11-28
1 Modified the 15-minute average wind speed calculation.
2 Part of the AQI sensor added to display the AQI sensor when it works.
3 Fix bugs about the OTA process, display icon, main display logic, and SD card storage.

HP2550 & HP2560 V1.9.8_2024-04-13
1 Fix the bug where the voltage of the VCC3D regulator is not being updated to the
2 Ecovitt server. (While the well-known is EasyWeather, V1.1.3)
3 Optimized some display and different language translation issues.
4 Fix the incorrect record time in the history data interface.
5 Optimized parameter storage.

HP2550 & HP2560 V1.9.6_2024-04-30
1 Support WDS1 sensor.
2 Optimized UI.
3 Fix some long we issues.

HP2550 & HP2560 V1.9.5_2024-3-15
1 Add eight-channel AD values for WDS1 and moisture sensor data output via WDS.
2 Update the calculation process for outdoor temperature compensation, changing from the
3 average of the last eight days to the average wind speed over 10 minutes.
4 Modify the value of the 15-minute average wind direction indicator on the main interface
5 with a black background, changing it from black gray to black.
6 If the modified display is correct parameter, main page display "none" before the daily rain
7 ending.
8 When a temperature, humidity, and barometric pressure sensor is detected, set the WDS1P
9 sensor to "Display" for default. (While the new under the "WDS1P" sensor, give it data higher
10 priority over the built-in probe.
11 Change device names.
12 www.thelabcloud.net to thelabcloud.net
```

[HP2550 & HP2560 Firmware Release Notes](#)

A comprehensive log of firmware updates for the HP2550 and HP2560 weather stations, detailing new features, bug fixes, and language support improvements across various versions.

lang:en score:37 filesize: 96.84 K page_count: 4 document date: 2025-06-17

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HP2550 & HP2560 V2.0.4_2025-03-25
1 The Gust value stored in the SD card is the maximum value of the last 2 minutes.
2 Supports the LDS01 data filter level.
3 Fixed some abnormal display bugs.

HP2550 & HP2560 V2.0.3_2025-03-11
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HP2550 & HP2560 V2.0.2_2025-03-07
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11 Change device names.
12 www.thelabcloud.net to thelabcloud.net
```

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HP2550 HP2560 V2.0.4_2025-03-25 1. The Gust value stored in the SD card is the maximum value of the last 2 minutes. 2. Supports the LDS01 data filter level algorithm. 3. Fix some abnormal display bugs. **HP2550** HP2560 V2.0.3 2025-03-11 1.Fix the issue where the sensor battery level may not be upl...

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HP2550 HP2560 V2.0.1 2025-01-17 1.Fixed a bug that could crash in different languages. 2.Supports LDS01 heat count statistics. **HP2550** HP2560 V2.0.0_2025-01-07 1.The relative barometer algorithm is changed to calculate based on absolute barometer, outdoor temperature and altitude. And change the Re...

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HP2550 & HP2560 V2.0.1_2025-01-17
1 Fixed a bug that could crash in different languages.
2 Supports LDS01 heat count statistics.

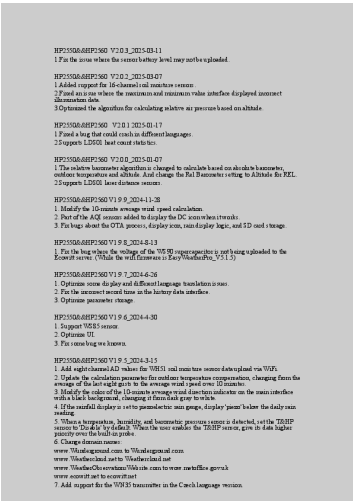
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10 priority over the built-in probe.
11 Change device names.
12 www.thelabcloud.net to thelabcloud.net
13 www.thelabcloud.net to thelabcloud.net
14 www.thelabcloud.net to thelabcloud.net
15 Add support for the WDS1P sensor to use the built-in probe.
16 Add support for the WDS1P sensor to use the built-in probe.
17 Add support for the WDS1P sensor to use the built-in probe.
18 Add support for the WDS1P sensor to use the built-in probe.
19 Add a WDS1P switch setting option.
20 Update the heat count statistics. If the OTA is checked, perform an automatic
21 OTA (once first power-up and then daily thereafter).
22 Add a 15-minute gust display function on the main interface, with an option to set the time
23 setting to switch between displaying the 15-minute average wind speed on the 15-minute
24 gust.
25 Change the maximum Air Quality Index (AQI) value to 300.
26 Add a new row to match the data record on the data interface.
27 Set the default time to January 1, 2024.
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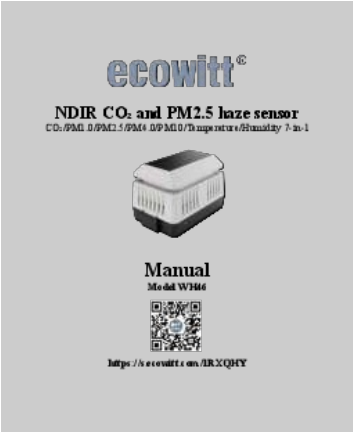


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HP2550 HP2560 V2.0.3_2025-03-11 1.Fix the issue where the sensor battery level may not be uploaded. **HP2550** HP2560 V2.0.2_2025-03-07 1.Added support for 16-channel soil moisture sensors. 2.Fixed an issue where the maximum and minimum value interface displayed incorrect illumination data. 3.Optimize...

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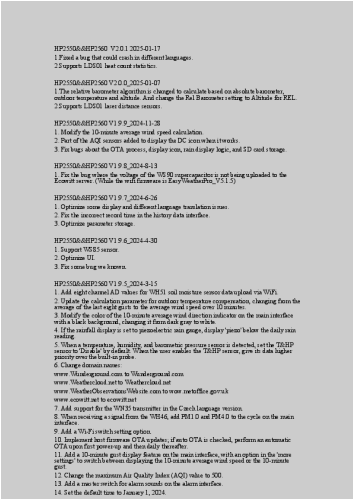


[pdf] User Manual Quick Start Guide Parts List

MX Manual WH46 oss ecowitt net 20240221 |||

NDIR CO and PM2.5 haze sensor
CO/PM1.0/PM2.5/PM4.0/PM10/Temperature/Humidity 7-in-1 Manual Model WH4 ...
... Sensor ID Enter sensor ID from WH46 to save 6 5. View Online Data When paired with **HP2550**/HP2560 Console: Figure 1 Dashboard The CO , PM1.0, PM2.5, PM4.0, PM10 data automatically scr...

lang:en score:37 filesize: 1.32 M page_count: 37 document date: 2024-02-21



[pdf] Release Notes

HP2550 2560 Firmware Release Notesoss ecowitt net 20250117 Notes |||

HP2550 HP2560 V2.0.1 2025-01-17 1.Fixed a bug that could crash in different languages. 2.Supports LDS01 heat count statistics. **HP2550** HP2560 V2.0.0_2025-01-07 1.The relative barometer algorithm is changed to calculate based on absolute barometer, outdoor temperature and altitude. And change the Re...

lang:en score:37 filesize: 95.44 K page_count: 4 document date: 2025-01-17

HP2550&HP2560 V2.0.3_2025-03-11
1 Fix the issue where the sensor battery level may not be uploaded.

HP2550&HP2560 V2.0.3_2025-03-07
1 Added support for 16-channel soil moisture sensor.
2 Fixed an issue where the maximum and minimum value interface displayed incorrect illumination data.
3 Optimized the algorithm for calculating relative air pressure based on altitude.

HP2550&HP2560 V2.0.1_2025-03-17
1 Fixed a bug that could result in different languages.
2 Supports LDS02 laser distance sensor.

HP2550&HP2560 V2.0.0_2025-03-07
1 The relative humidity algorithm is changed to calculate based on absolute humidity, outdoor temperature and altitude. And change the Bat Battery setting to Absolute for XEL.
2 Supports LDS02 laser distance sensor.

HP2550&HP2560 V1.9.9_2024-11-28
1 Modify the 15-minute average wind speed calculation.
2 Part of the A/D sensor value is displayed for DC sensor when it reads.
3 Fix bugs about the OTA process, display icon, main display layout, and SD card storage.

HP2550&HP2560 V1.9_2024-0-13
1 Fix the bug where the voltage of the VCC pin response is not being uploaded to the Ecovitt server. (While the well-known is EasyWeather, V1.1.3)

HP2550&HP2560 V1.9_7_2024-6-26
1 Optimize some display and different language translation issues.
2 Fix the incorrect record time in the history data interface.
3 Optimize parameter storage.

HP2550&HP2560 V1.9_6_2024-4-30
1 Support WDS sensor.
2 Optimize UI.
3 Fix some bugs on sensors.

HP2550&HP2560 V1.9_5_2024-3-15
1 Add right channel A/D value for THS11 and moisture sensor data upload via VCC.
2 Update the calculation process for outdoor temperature compensation, changing from the average of the last eight pins to the average wind speed over 10 minutes.
3 Modify the value of the 15-minute average wind direction indicator on the main interface with a black background, changing it from left gear to right.
4 If the modified display is correct parameter, some people display 'none' before the daily rain reading.
5 When a temperature, humidity, and humidity pressure sensor is detected, set the THSIP sensor to On the left display. When the user enables the THSIP sensor, give it data higher priority over the built-in probe.
6 Change device name:
www.Thinkagood.com to Thinkagood.com
www.Thinkagood.com to Thinkagood.net
www.Thinkagood.com to www.thinkagood.com
www.thinkagood.com to www.thinkagood.com
www.thinkagood.com to www.thinkagood.com
7 Add support for the VCC pin in the Can't language version.

[pdf] Release Notes

HP2550 2560 Firmware Release Notesoss ecowitt net 20250311 Notes |||

HP2550 HP2560 V2.0.3_2025-03-11 1.Fix the issue where the sensor battery level may not be uploaded. **HP2550** HP2560 V2.0.2_2025-03-07 1.Added support for 16-channel soil moisture sensors. 2.Fixed an issue where the maximum and minimum value interface displayed incorrect illumination data. 3.Optimize...

lang:en **score:37** filesize: 96.07 K page_count: 4 document date: 2025-03-11

HP2550&HP2560 V2.0.4_2025-03-25
1 The Gust value stored in the SD card is the maximum value of the last 2 minutes.
2 Supports the LDS01 data filter level algorithm.
3 Fix some abnormal display bugs.

HP2550&HP2560 V2.0.3_2025-03-11
1 Fix the issue where the sensor battery level may not be uploaded.

HP2550&HP2560 V2.0.3_2025-03-07
1 Added support for 16-channel soil moisture sensor.
2 Fixed an issue where the maximum and minimum value interface displayed incorrect illumination data.
3 Optimized the algorithm for calculating relative air pressure based on altitude.

HP2550&HP2560 V2.0.1_2025-03-17
1 Fixed a bug that could result in different languages.
2 Supports LDS02 laser distance sensor.

HP2550&HP2560 V2.0.0_2025-03-07
1 The relative humidity algorithm is changed to calculate based on absolute humidity, outdoor temperature and altitude. And change the Bat Battery setting to Absolute for XEL.
2 Supports LDS02 laser distance sensor.

HP2550&HP2560 V1.9.9_2024-11-28
1 Modify the 15-minute average wind speed calculation.
2 Part of the A/D sensor value is displayed for DC sensor when it reads.
3 Fix bugs about the OTA process, display icon, main display layout, and SD card storage.

HP2550&HP2560 V1.9_2024-0-13
1 Fix the bug where the voltage of the VCC pin response is not being uploaded to the Ecovitt server. (While the well-known is EasyWeather, V1.1.3)

HP2550&HP2560 V1.9_7_2024-6-26
1 Optimize some display and different language translation issues.
2 Fix the incorrect record time in the history data interface.
3 Optimize parameter storage.

HP2550&HP2560 V1.9_6_2024-4-30
1 Support WDS sensor.
2 Optimize UI.
3 Fix some bugs on sensors.

HP2550&HP2560 V1.9_5_2024-3-15
1 Add right channel A/D value for THS11 and moisture sensor data upload via VCC.
2 Update the calculation process for outdoor temperature compensation, changing from the average of the last eight pins to the average wind speed over 10 minutes.
3 Modify the value of the 15-minute average wind direction indicator on the main interface with a black background, changing it from left gear to right.
4 If the modified display is correct parameter, some people display 'none' before the daily rain reading.
5 When a temperature, humidity, and humidity pressure sensor is detected, set the THSIP sensor to On the left display. When the user enables the THSIP sensor, give it data higher priority over the built-in probe.
6 Change device name:
www.Thinkagood.com to Thinkagood.com
www.Thinkagood.com to Thinkagood.net
www.Thinkagood.com to www.thinkagood.com
www.thinkagood.com to www.thinkagood.com
www.thinkagood.com to www.thinkagood.com

[pdf] Release Notes

HP2550 HP2560 V2 4 2025 03 25 Ecovitt WeatherHP2550 2 07 1 Added support for 16 channel soil moisture sensors Fixed an issue where the maximum HP2550 2560 Firmware Release Notesoss ecovitt net 20250325 Notes |||

HP2550 HP2560 V2.0.4_2025-03-25 1. The Gust value stored in the SD card is the maximum value of the last 2 minutes. 2. Supports the LDS01 data filter level algorithm. 3. Fix some abnormal display bugs. **HP2550** HP2560 V2.0.3 2025-03-11 1.Fix the issue where the sensor battery level may not be upl...

lang:en **score:36** filesize: 96.51 K page_count: 4 document date: 2025-03-25

ecowitt®
Soil Temperature Sensor



Model: WN34S



<https://s.ecowitt.com/B3CJQX>

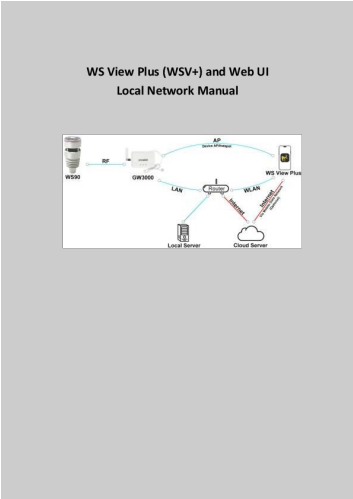
[pdf] User Manual Quick Start Guide Parts List Guide

MX WN34S User Manual 7 15 2025Ecovitt Weather Quick StartFG WN34S0715oss ecowitt net 20250715 FG WN34S0715 |||

Soil Temperature Sensor Model: WN34S <https://s.ecowitt.com/B3CJQX> Table of Contents 1. Ecovitt Sys ... eparately . 4.1 Pair with the consoles Console Model Compatible consoles: Picture Upload data **HP2550** Display the data HP2560 WN182X 7 WS38X0 WS39X0 WN1920/1980 Ta...

lang:en **score:36** filesize: 894.67 K page_count: 27 document date: 2025-07-15

The diagram illustrates a network topology for WS View Plus and Web UI. A central switch (Switch) is connected to a Local Server and a Cloud Server. The switch is also connected to a Wireless Router via AP, which is connected to a Wireless Network. WS View Plus is connected to the switch via LAN. Web UI is connected to the switch via WLAN. The switch is also connected to a Wireless Router via AP, which is connected to a Wireless Network.



Comprehensive guide to setting up and managing Ecowitt weather stations using the WS View Plus mobile app and Web UI for local network configurations, data uploading, and device settings.

Comprehensive guide to setting up and managing Ecowitt weather stations using the WS View Plus mobile app and Web UI for local network configurations, data uploading, and device settings.

[illegible]

calculate based on absolute barometer HP2550 2560 Firmware Release Notes oss ecowitt net
20250107 |||

calculate based on absolute barometer HP2550 2560 Firmware Release Notes oss ecowitt net
20250107 |||

HP2550 HP2560 V2.0.0_2025-01-07 1.The relative barometer algorithm is changed to calculate based on absolute barometer, outdoor temperature and altitude. And change the Rel Barometer setting to Altitude for REL. 2.Supports LDS01 laser distance sensors. **HP2550** HP2560 V1.9.9 2024-11-28 1. Modify the...

lang:en score:36 filesize: 95.29 K page count: 4 document date: 2025-01-07

[illegible]

HP2550 2560 Firmware Release Notesoss ecowitt net 20240506 Notes |||

HP2550 2560 Firmware Release Notes
 HP2550 HP2560 V1.9.6_2024-4-30 1. Support WS85 sensor. 2. Optimize UI. 3. Fix some bug we known. HP2550 HP2560 V1.9.5_2024-3-15 1. Add eight channel AD values for WH51 soil moisture sensor data upload via WiFi. 2. Update the calculation parameter for outdoor temperature compensation, changing from...

lang:en score:35 filesize: 92.97 K page count: 3 document date: 2024-05-06

HP2550&HP2560 Firmware V1.9.0 2023-3-29
1. VPD parameter changed to show "" during the input stage
2. Bug fix for multichannel PM2.5 display on the main UI
3. Restore multichannel sensor data quick brief display
4. Correct spelling mistake on About page
5. When on board barometer sensor failed, W...
6. Spelling and grammar improvement for Dutch, French, Spanish and Portuguese language
7. Expand the sublabel "Tide like" temperature range. Originally is limited to the average of
40°C, to 40°C.
HP2550&HP2560 Firmware V1.8.7 2023-3-16
The VPD3.6 multi channel sensor is changed to 16ch
"GUST" C H is "GUST" E A
"TSH C H" is "TSH" is "GUST" E A
HP2550&HP2560 Firmware V1.8.6 2023-3-14
1. Optimized code about SD card storage
2. German text button modified:
10 Mailbox -> 10 Mailbox
Sensor ID -> Sensor ID
Sensor Status/Status -> Sensorstatus
3. Czech text button modified:
Sensor -> Senzor
Monitor -> Monitor
Fast Display Data -> Zrychlené datové údaje
"Menu" -> "Menu"
"Auto" -> "Automatic"
"Partial data display" -> "Částečné zobrazení"
"Full screen display" -> "Celoplošné zobrazení"
"Show sensor data" -> "Zobrazit senzory"
"No sensor data" -> "Žádné senzory"
"Display" -> "Zobrazit"
"Fast Display Data" -> "Rychlé zobrazení dat"
"Sensor ID" -> "ID senzoru"
"Sensor Status" -> "Stav senzoru"
"Sensor ID" -> "ID senzoru"
"Sensor Status" -> "Stav senzoru"
"Sensor ID" -> "ID senzoru"
"Sensor Status" -> "Stav senzoru"
HP2550&HP2560 Firmware V1.8.5 2023-3-8
During the internal testing, 1.8.2, 1.8.3, 1.8.4 was released, but finally we have all these 4
versions combined into 1.8.5.
Update log

[pdf] Release Notes

HP2550 HP2560 Firmware V1 9 0 2023 3 29 Ecowitt Weatheross ecowitt net 2560 Release Notes
oss 20230329 |||

HP2550 HP2560 Firmware V1.9.0 2023-3-29 1. WiFi password changed to show *
during the input stage. 2. Bug fix for multichannel PM2.5 display on the main UI 3.
Restore multichannel sensor data quick brief display 4. Correct spelling mistake on
About page. 5. When on board barometer sensor failed, W...

lang:en score:35 filesize: 83.97 K page_count: 2 document date: 2023-03-29

HP2550 & HP2560 V2.0.5_2025-06-17
1. Added support for VPD display, SD recording, and uploading
2. SD card storage now includes timestamp bytes to record UTC time
3. Fixed some known issues
HP2550 & HP2560 V2.0.4_2025-03-25
1. The Gust value shown on the UI is the maximum value of the last 2 minutes.
2. Support the L2550 dual channel algorithm.
3. Fixed some abnormal display bugs.
HP2550 & HP2560 V2.0.3_2025-03-11
1. For the case where the sensor battery level may not be updated.
HP2550 & HP2560 V2.0.2_2025-03-07
1. Added support for the 16-channel real-time sensor
2. Fixed a bug where the sensor status and sensor value interface displayed incorrect
data
3. Optimized the algorithm for calculating relative air pressure based on altitude
HP2550 & HP2560 V2.0.1_2025-03-07
1. Added support for the 16-channel real-time sensor
2. Fixed a bug that could result in different languages
3. Support L2550 dual channel sensor
HP2550 & HP2560 V2.0.0_2025-03-07
1. The relative humidity algorithm is changed to calculate based on absolute humidity
outside temperature and altitude. And change the fan function setting to 100% for VPD.
2. Support L2550 dual channel sensor
HP2550 & HP2560 V1.9.9_2024-11-30
1. Modified the 10-minute average wind speed calculation
2. Part of the AQI sensor added to display the AQI sensor status
3. Fix bug about the OTA process, display error, sensor display bugs, and SD card storage
HP2550 & HP2560 V1.9.8_2024-11-13
1. Fix the bug where the voltage of the VPD sensor is not being updated to the
Fastest sensor. (Under the full screen in Easy Mode, V1.9.1.3)
HP2550 & HP2560 V1.9.7_2024-06-30
1. Optimize some display and different language translation issues
2. Fix the incorrect second time on the battery data interface
3. Optimize sensor storage
HP2550 & HP2560 V1.9.6_2024-4-30
1. Support VPD3.6 sensor
2. Optimize UI
3. Fix some bugs we know
HP2550 & HP2560 V1.9.5_2024-3-15
1. Add eight channel SD value for VPD3.6 and main sensor data record via VPD
2. Update the calculation parameters for ambient temperature representation, changing from the
average of the last eight days to the average wind speed over 10 minutes
3. Modify the value of the 10-minute average wind direction indicator on the main interface
with a 16-bit hexadecimal, changing from 0000 to 0000
4. If the rainfall display is not a parameter sensor, display "none" before the daily rain
total

[pdf] Release Notes

HP2550 HP2560 V2 5 2025 06 17 Ecowitt WeatherThe latest update added support for VPD display
SD recording and uploading includes timestamp bytes UTC time recordingHP2550 2560 Firmware
Release Notesoss ecowitt net 20250617 Notes |||

HP2550 HP2560 V2.0.5_2025-06-17 1.Added support for VPD display, SD
recording, and uploading. 2.SD card storage now includes timestamp bytes to record
UTC time. 3.Fixed some known issues. **HP2550** HP2560 V2.0.4_2025-03-25 1. The
Gust value stored in the SD card is the maximum value of the last 2...

lang:en score:34 filesize: 96.84 K page_count: 4 document date: 2025-06-17

ecowitt®



7-in-1 Weather Sensor

Model WS90



<https://ecowitt.com/MP7XJJ>

Ecowitt WS90 7-in-1 Weather Sensor User Manual and Specifications

Detailed user manual for the Ecowitt WS90 7-in-1 Outdoor Weather Sensor. Covers
installation, configuration, features, specifications, calibration procedures,
maintenance, FCC compliance, and warranty information.

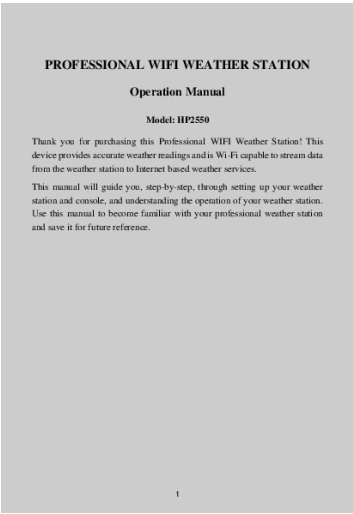
lang:en score:34 filesize: 1.59 M page_count: 36 document date: 2025-03-14



[Ecowitt HP2550 Weather Station Receiver Manual](#)

Comprehensive user manual for the Ecowitt HP2550 Weather Station Receiver, detailing setup, operation, features, and troubleshooting for accurate home weather monitoring.

lang:en score:33 filesize: 6.66 M page_count: 95 document date: 2024-12-24



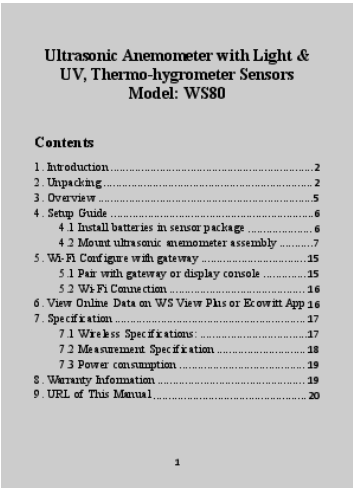
[\[pdf\] User Manual Guide](#)

530La brigadoon power on net meteorology weather stations HP2550 User Manual Port Wireless Weather Station |||

PROFESSIONAL WIFI WEATHER STATION Operation Manual Model:HP2550

Thank you for purchasing this Professional WIFI Weather Station This device provides accurate weather readings and is Wi-Fi capable to stream data from the weather station to Internet based weather services. This manual will guide you...

lang:en score:33 filesize: 1.21 M page_count: 83 document date: 2019-09-23



[\[pdf\] User Manual Quick Start Guide Installation Guide Specifications Guide Warranty](#)

MX Ultrasonic Anemometer with Light UV Thermo hygrometer Sensors Model WS80 Manual oss ecowitt net 20220803 |||

Ultrasonic Anemometer with Light UV, Thermo-hygrometer Sensors Model: WS80

Contents 1. Introductio ... gateway or display console Please follow the tips to pair your sensor s with the Wi-Fi Gateway or HP2550/HP2551 display console: 1 Power on the gateway first with USB connection 15 or HP2551/HP...

lang:en score:33 filesize: 517.82 K page_count: 21 document date: 2022-07-26

HP2550A.HP2560 V1 9_2024-11-28
1 Modify the 10-minute average wind speed calculation.
2 Part of the AQI sensor added to display the DC icon when it works.
3 Fix bugs about the OTA process, display icon, rain display logic, and SD card storage.
HP2550A.HP2560 V1 9_2024-8-13
1 Fix the bug where the output of the TDS10 component is not being uploaded to the Ecowitt server. (While the well sensor is EasyWeather_V1.1.5)
HP2550A.HP2560 V1 9_2024-6-20
1 Optimize wind display and different language translation is not.
2 Fix the incorrect wind time in the history data interface.
3 Optimize parameter storage.
HP2550A.HP2560 V1 9_6_2024-4-30
1 Support TDS10 sensor.
2 Optimize UI.
3 Fix wrong log we history.
HP2550A.HP2560 V1 9_5_2024-3-15
1 Add eight channel AD values for TDS10 and moisture sensor data upload via WiFi.
2 Update the calculation process for the moisture temperature compensation, changing from the average of the last eight days to the average wind peak over 10 minutes.
3 Modify the value of the 10-minute average wind direction indicator on the main interface with a white background, changing from black grid to white.
4 If the rainfall display is set to parameter: sun gauge, display 'none' below the daily rain setting.
5 When a temperature, humidity, and barometric pressure error is detected, let the TDS10 sensor be the default. (When the user enables the TDS10 sensor, give it a high light priority over the built-in probe.)
6 Change domain names:
www.TDS10api.com to TDS10api.net
www.WeatherCloud.com to WeatherCloud.net
www.WeatherCloud.com to WeatherCloud.net
www.WeatherCloud.com to WeatherCloud.net
7 Add support for the TDS10 component in the Czech language version.
8 When receiving a signal from the TDS10, add PHE10 and PHE10 to the cycle on the main interface.
9 Add a TDS10 icon to the setting option.
10 Implement hot firmware OTA update, if auto OTA is checked, perform an automatic OTA update for parameter and Rain data threshold.
11 Add a 30-minute gust display feature on the main interface, with an option to the 'none' value to match history displaying the 10-minute average wind speed for the 10-minute average.
12 Change the maximum Air Quality Index (AQI) value to 500.
13 Add a new weather icon to the alert icon on the alert interface.
14 Set the default time to January 1, 2024.
HP2550A.HP2560 Firmware V1 9.3 2023-10-18
1 Resolve the problem of potential parameter loss when configuring settings.
2 The language is set to English by default. In some regions, it is displayed as East Angles, which is also version, it is displayed as West Angles.
HP2550A.HP2560 Firmware V1 9.1 2023-8-11
1 Add support for Russian language.
2 Add an OSC character to the when setting a TDS10 parameter on the keyboard.

[pdf] Release Notes

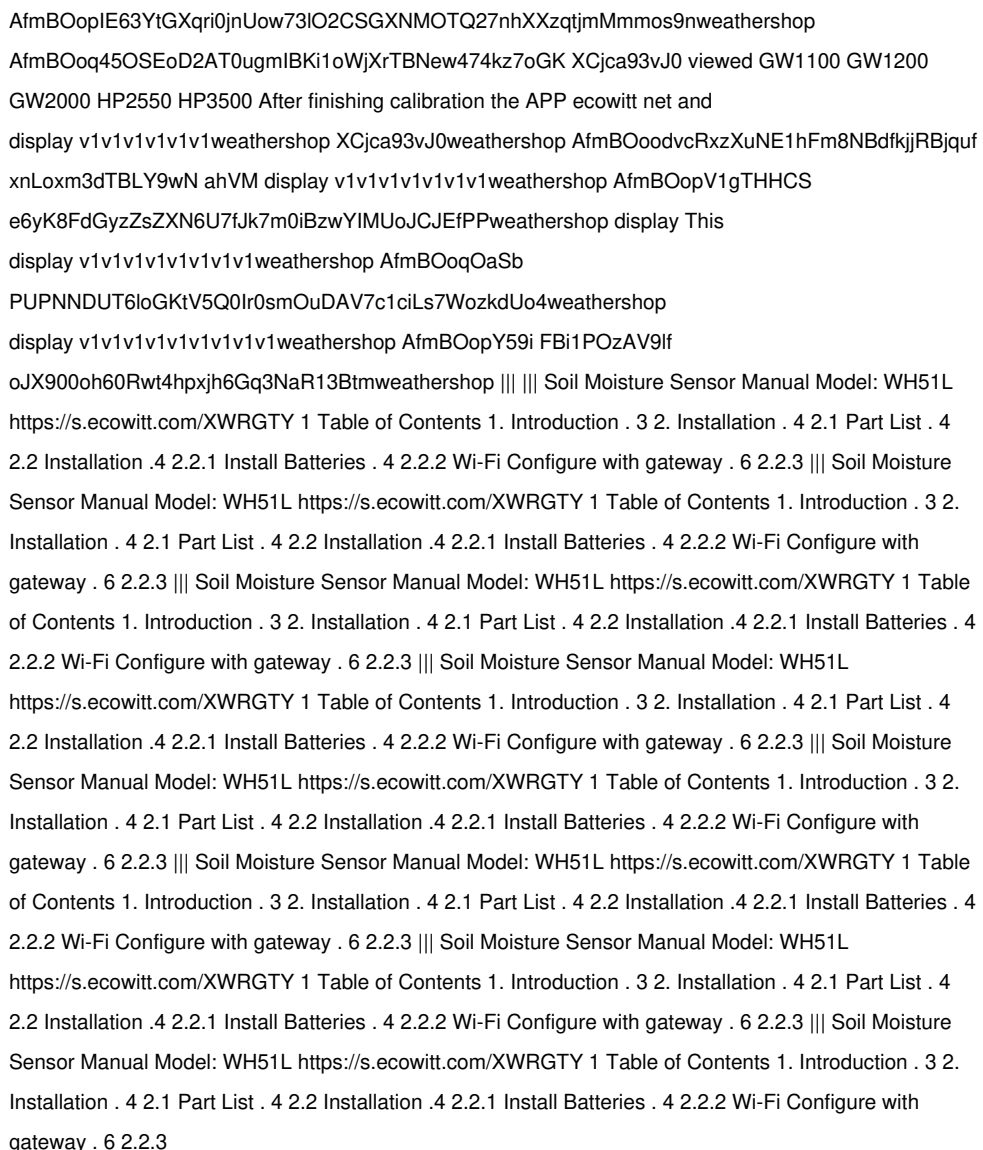
HP2550 HP2560 V1 9 2024 11 28 nov — 5 3 15 1 Add eight channel AD values for WH51 soil moisture sensor data upload via WiFi 2 Update the calculation parameter 2560 Firmware Release Notes oss ecowitt net 20241128 |||

HP2550 HP2560 V1.9.9_2024-11-28 1. Modify the 10-minute average wind speed calculation. 2. Part of the AQI sensors added to display the DC icon when it works. 3. Fix bugs about the OTA process, display icon, rain display logic, and SD card storage.

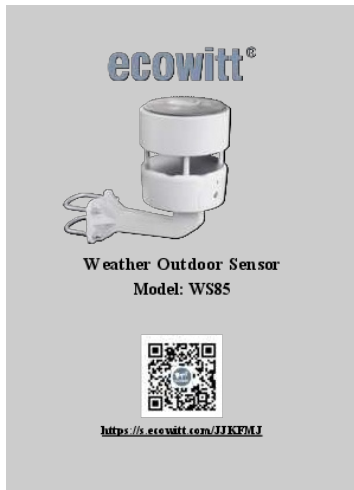
HP2550 HP2560 V1.9.8_2024-8-13 1. Fix the bug whe...

lang:en score:31 filesize: 94.8 K page_count: 4 document date: 2024-11-28

kibill yeung Soil Moisture Sensor Manual Model WH51L SA Weather ShopThis device with 1m 3 28ft PVC sensor wire could measure soil moisture The data can be streamed by Ecowitt Wi Fi Gateway sold separately They viewed v1weathershop co za 2024 04 Professional South Africa srsItd AfmBOorVkD0HLYATO Y9m6IgcRgJZRrod fYVcmLXX91dQUUy8PBIvca ShopSoil viewed Register new ID on Figure 36 Register HP2560 Display Console 5 When paired a Station HP3500v1v1weathershop fYVcmLXX91dQUUy8PBIvcaweathershop AfmBOosX91uz9 IT pZ4sDouzs5q2uy6vD1A2A95ui8Qk8z5VBih0sR HP3500Thanks for purchasing this This by v1v1v1weathershop pZ4sDouzs5q2uy6vD1A2A95ui8Qk8z5VBih0sRweathershop AfmBOoojj3L37zy9VfW HcuLLkuAoxYWXPPboanrP26hCpJSmylEX2dC by This viewed v1v1v1v1weathershop HcuLLkuAoxYWXPPboanrP26hCpJSmylEX2dCweathershop AfmBOopIE63YtGXqri0jnUow73IO2CSGXNMOTQ27nhXXzqtjmMmmos9n viewed This viewed v1v1v1v1v1weathershop



lang:en score:31 filesize: 2.68 M page count: 37 document date: 2024-01-12

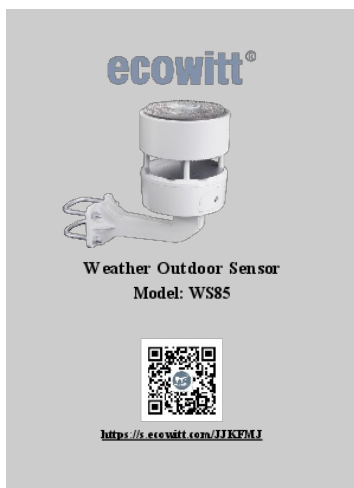


[\[pdf\]](#) User Manual Quick Start Guide Installation Guide Specifications Guide

MX Weather Outdoor Sensor WeatherOutdoorSensor 2 mai 2024 — Please make sure the battery is inserted correctly for its polarity as system needs initial power from this backup to start up 25 pages
TableofContents 1 Introduction Pairwiththegateways consoles WS85 Manual oss ecowitt net 20240502 |||
Weather Outdoor Sensor Model: WS85 <https://s.ecowitt.com/JJKFMJ> Table of
Contents 1. Introduction ... 2000/GW1200 GW1100 GW2000 Table 1 1 GW1200 Pair
with the consoles: HP2560/WS3800/WS3900/WS3910/**HP2550**/
WN1820/WN1821/WN1920/WN1980 HP2560 WS3800 WS3900/3 910 **HP2550**
WN18 20/182 1 WN1920/19 ...
lang:en **score:31** filesize: 674.56 K page_count: 25 document date: 2024-04-11

[\[pdf\]](#) User Manual Quick Start Guide Installation Guide Specifications Guide

MX Weather Outdoor Sensor Model WS85Calculate the offset or gain based on data from reference and
ecowitt sensor 5 Fill in step 4 click Save Page 17 WS85 Manualoss net 20240502 WS85 Manual 2
2024Weather WS85Weather WS85WeatherOutdoorSensorEcowitt Quick StartCalculate 17 Calculate
17 2 mai 2024 — Please make sure battery is inserted correctly for its polarity as system needs initial
power this backup to start up 25 pagesTableofContents 1 Introduction Pairwiththegateways consoles 1oss
17 Alkaline batteries can be used also avoid rechargeabl e type of NiMh NiCd 7 Ultrasonic anemometer
with piezoelectric assembly Before you mount2 1v1oss Manualweathershop co za 06 Ecowitt User South
Africa srsItid AfmBOoqv6gT9V9CThhDs1x4sJOE p7m3jwRMGmNFj255mi6xM0GQzuBsoss
WS85WeatherOutdoorSensorclicking hereEcowitt 1Ecowitt 3 Array Sonic Anemometer Haptic Rain
Sparesv1oss mountThe has a rain gauge ultrasonic solar panel waterproof It paired gateways consoles2
Sparesv1v1oss p7m3jwRMGmNFj255mi6xM0GQzuBsweathershop AfmBOOrVIn e6jVrwhLlwHmHeim2x
9fSQHeA8yisCf4WFvRuVn5Gl6oss 17 40°C 60°C 40°F 140°F Protection Rating IPX5 Built Solar 5V±5%
30mA±10% Power Supply 2*AA not included Battery Life 1 Alkaline Sparesv1v1v1oss
AfmBOooFHV5zI6zGjUjJeLkVcHPaGdUuOmtUea cu4fCHqhaYwVXRt49weathershop 1 Please
system Alkaline Sparesv1v1v1v1oss AfmBOoq t9MQJ3rGGnCV5lNyQqKW0DnTbF
HFQRO5BRARW18fmP7xkoweathershop heremanualEcowitt SparesWS85 new sensorv1v1v1v1oss
system Note Just weather unit it other use TheWN1920 WN1980 t show illumination and Alkaline
sensorv1v1v1v1v1oss AfmBOoqpN1cflte0R10ovSrxwG ddkr
WyQWn1yw0tuQcKG7Uw94kCrvweathershop system TheWN1920 UVon display just upload their cloud
TheWN1820 WN1821 the Note sensorv1v1v1v1v1v1oss
AfmBOopzikXilNRjbMVKQQ19vTOILi6MKmxV57JB3hr0Lwl3C44bXFqweathershop and Before
mounting permanent location should test wireless connection temporary that the Alkaline
sensorv1v1v1v1v1v1v1oss
AfmBOor0ITMBvlxMK25Qluzq2zCldHp86vjWKxNgdSWcrPo2OT8Gh3oiweathershop the Before
sensorv1v1v1v1v1v1v1v1oss AfmBOoqVf0ewXhzipbkEoW3S571v4mWU3NtmZe faPslGG83Hvh
V4kweathershop the Calculate sensorv1v1v1v1v1v1v1v1v1oss AfmBOoquf7NzBGilHJa
Fy4KUkp1XZSELNm3UyFninp6tVlb2cTRqTSHweathershop sensorv1v1v1v1v1v1v1v1v1oss
AfmBOopC4pNR0YwGqV8LJCKh8PyU wXsQQH9EFHFvGVt63MA4uqy60MBweathershop ||| ||| Weather
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WN1820/WN1821/WN1920/WN1980 HP2560 WS3800 WS3900/3 910 HP2550

WN18 20/182 1 WN1920/19 ...

lang:en score:31 filesize: 674.56 K page_count: 25 document date: 2024-04-11

```
HP2550B/HP2560 V1.9_7_2024-6-26
1 Optimize some display and different language translation issues.
2 Fix the incorrect record time in the history data interface.
3 Optimize parameter storage.

HP2550B/HP2560 V1.9_6_2024-4-30
1 Support WS85 sensor.
2 Optimize UI.
3 Fix some bug we known.

HP2550B/HP2560 V1.9_5_2024-3-15
1 Add right channel A2D value for TDS1, and mean time sensor data upload via WiFi.
2 Update the calculation parameter for outdoor temperature compensation, changing from the
average of the last eight days to the average value (period over 10 seconds).
3 Modify the value of the 10-minute average wind direction indicator on the main interface
with a black background, changing it from black gray to white.
4 If the wind direction is not parameterized, some people display "none" below the daily mean
reading.
5 When a temperature, humidity, and barometric pressure sensor is detected, set the TDSIP
priority over the built-in probe.
6 Change device name:
www.1688.com to 1688.com
www.1688.com to 1688.com
www.1688.com to 1688.com
www.1688.com to 1688.com
www.1688.com to 1688.com
7 Add support for the TDS1 transmitter in the Czech language version.
8 When receiving a signal from the TDS1, add PMS1 D and PMS1 D to the cycle on the main
interface.
9 Add a TDS1 status setting option.
10 Background light function OTA update, if the OTA is checked, perform an automatic
OTA update during power-on and shutdown.
11 Add a 10-second quick display function on the main interface, with an option to the "none"
option to switch between displaying the 10-minute average wind speed or the 10-minute
gust.
12 Change the maximum Air Quality Index (AQI) value to 500.
13 Add a new bar switch for alarm sound on the alarm interface.
14 Set the default time to January 1, 2024.

HP2550B/HP2560 Firmware V1.9_3_2023-10-10
1 Resolve the problem of potential parameter loss when configuring settings.
2 The language is not in English by default. In some versions, it is displayed as "Not language".
3 The language is not in English by default. In some versions, it is displayed as "Not language".

HP2550B/HP2560 Firmware V1.9.1_2023-8-11
1 Add support for Parameter Storage.
2 Add an OSC channel function when entering a WiFi password on the keyboard.
3 Add an automatic time zone detection function, which is enabled by default. It will
automatically adjust the time zone and time when connected to the internet, and the time
collection will error. 2 seconds after receiving the time zone detection.
4 Add an option to switch between apparent temperature and perceived temperature on the
"none" interface, and the corresponding bar on the main interface should also switch
accordingly.
5 Adjust the maximum upload interval for outdoor sensor from 16 seconds to 8 seconds.
6 Add an AFC (Automatic Frequency Control) switch function in the setup interface, which is
off by default. Customers can try turning on this feature when encountering variable
RF reception.
```

[pdf] Release Notes

language translation issues 2 Fix Changelog new device firmware V1 9 7 for HP2550 HP2560

Hi!There s a version available the HP25xxC so HP2551C HP2560C 2560 Firmware Release Notes oss

ecowitt net 20240712 |||

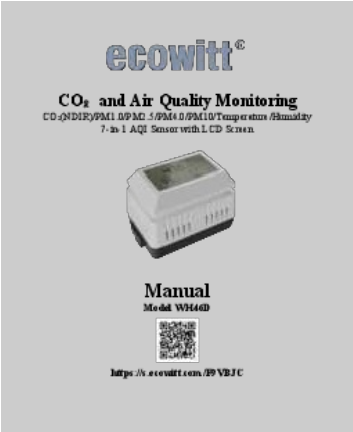
HP2550 HP2560 V1.9.7_2024-6-26 1. Optimize some display and different language

translation issues. 2. Fix the incorrect record time in the history data interface. 3.

Optimize parameter storage. HP2550 HP2560 V1.9.6_2024-4-30 1. Support WS85

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lang:en score:31 filesize: 93.69 K page_count: 4 document date: 2024-07-12



[pdf] User Manual Quick Start Guide Parts List Label

MX Manual oss ecowitt net 25 Weight 144 g MaterialofPlasticCasing ABS Massconcentrationrange 0ug m³to1000ug m³ Massconcentration precisionforPM1 0 PM2 5 ± 5ug 5% m³to100 WH46User

Manual202501 20250117 |||

COand Air Quality Monitoring CO NDIR

/PM1.0/PM2.5/PM4.0/PM10/Temperature/Humidity 7-in-1 AQI Sensor ... uch noises, please do not use the device in your bedroom. 14 6. View Online Data When paired with **HP2550/HP2560** Console: Dashboard Scrolls displaying Figure 1 Dashboard The CO , PM1.0, PM2.5, PM...

lang:en score:30 filesize: 1.33 M page_count: 50 document date: 2024-10-14

Ultrasonic Anemometer with Light & UV, Thermo-hygrometer Sensors
Model: WS80

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MX User Manual ECOWITT Weather Stations 6 in 1 Wireless Ultrasonic staion Barometer Temperature Humidity Monitor Forecast for Home Garden Only Accessory Cannot Be Used Alone 81CUHl0JVxL m media amazon images | |||

Ultrasonic Anemometer with Light UV, Thermo-hygrometer Sensors Model: WS80

Contents 1. Introductio ... gateway or display console Please follow the tips to pair your sensor s with the Wi-Fi Gateway or **HP2550/HP2551** display console: 1 Power on the gateway first with USB connection 15 or HP2551/HP...

lang:en score:30 filesize: 499.74 K page_count: 21 document date: 2023-06-09

HP2550/HP2560 V1.9.5_2024-3-15

1. Add eight channel AD values for WH51 soil moisture sensor data upload via WiFi.

2. Update the calculation parameter for outdoor temperature compensation, changing from the average of the last eight gusts to the average wind speed over 10 minutes.

3. Modify the color of the 10-minute average wind direction indicator on the main interface with a hot key operation, changing it from hot key to hot.

4. If the main display is not in the parameter menu, the display will jump to the daily rain setting.

5. When a temperature, humidity, and barometric pressure sensor is detected, set the TDSHP sensor to "On" by default. When the two modules for the TDSHP sensor are in the higher priority over the hot key probe.

6. Change default name:

www.1688.com to 1688.com

www.1688.com to 1688.com

www.1688.com to 1688.com

7. Add support for the TDSHP sensor in the main interface.

8. When receiving a signal from the WH51, add PM1.0 and PM2.5 to the cycle on the main interface.

9. Add a TDSHP sensor setting option.

10. Improved the firmware OTA update, if the OTA is checked, perform an automatic OTA when first power on and then daily thereafter.

11. Add a 10-minute gust display feature on the main interface, with support for the "home setting" to switch between displaying the 10-minute average wind speed or the 10-minute gust.

12. Change the maximum Air Quality Index (AQI) value to 500.

13. Add a new key to switch the alarm sound on the alarm interface.

14. Set the default time to January 1, 2024.

HP2550/HP2560 Firmware V1.9.3_2023-10-18

1. Restore the push button of potential parameter loss when configuring settings.

2. The language is set to English by default. The sensor version is displayed as "Ext. language", whereas in other versions, it is displayed as "Ext. language".

HP2550/HP2560 Firmware V1.9.1_2023-11-11

1. Add support for Russian language.

2. Add an OLED character display when setting a Wi-Fi password on the keyboard.

3. Add an automatic temperature detection feature, which is enabled by default. It will automatically power the temperature sensor and then connect to the internet, and the time calibration will occur. (Note: after successful temperature detection).

4. Add an option to switch between apparent temperature and perceived temperature in the main interface.

5. Add the measurement interval for the custom sensor from 16 seconds to 8 seconds.

6. Add an AFU (Automatic Firmware Update) switch to the main interface, which is set to OFF by default. Customers can try turning on this feature when encountering unstable network.

7. Support the TDSHP temperature sensor with a specific temperature range.

8. For the case where the humidity sensor is not in the sensor list, the TDSHP sensor is added.

9. For the case where the indoor multi-channel temperature and humidity data from the WH51 sensor are not reflecting on the main interface.

10. Change the wind speed unit from "m/s" to "ft/s".

11. Modify the Clock Language.

HP2550/HP2560 Firmware V1.9.0_2023-10-29

1. Wi-Fi password changed to show "" during the input stage.

2. Bug fix for the multi-channel PM2.5 display on the main interface.

3. Restore the channel sensor data push key display.

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HP2550 HP2560 V1.9.5 2024 3 15 1 Add eight 21 mars — channel AD values for WH51 soil moisture sensor data upload via WiFi 2 Update the calculation parameter pages 2560 Firmware Release Notes oss ecowitt net 20240321 |||

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lang:en score:30 filesize: 92.78 K page_count: 3 document date: 2024-03-21



[pdf] User Manual Installation Guide Instructions

kibill yeung Soil Moisture Sensor Manual Model WH51L Thanks for purchasing this soil moisture sensor
This device with 1m 3 28ft PVC wire could measure The data can be streamed by B1WpknEMKrL m
media amazon images I |||

Soil Moisture Sensor Manual Model: WH51L <https://s.ecowitt.com/XWRGTY> Table of
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lang:en score:30 filesize: 2.67 M page_count: 62 document date: 2024-01-12

Anemometro a ultrasuoni con sensori di luce e UV,
termoigrometro
Modello: WS80

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Manuale WS80 ITA oss ecowitt net anemometro 20221108 |||

Anemometro a ultrasuoni con sensori di luce e UV, termoigrometro Modello: WS80

Contenuti 1. Introd ... mobile, devi associare questo dispositivo al nostro gateway Wi-
Fi GW1000 o alla console con display **HP2550** / HP2551 venduta separatamente . 5.1
Associazione con gateway o console display Seguire i su...

lang:it score:29 filesize: 1.11 M page_count: 20 document date: 2020-08-20