

Davis Instruments 6313

Davis WeatherLink Console User Manual

Model: 6313

1. INTRODUCTION

The Davis WeatherLink Console is an advanced, interactive display designed to provide comprehensive access to your hyperlocal weather data. This console seamlessly integrates with your existing Davis Vantage Vue and Vantage Pro2 Weather Stations, allowing you to view real-time conditions, analyze historical trends, and manage your weather data with ease.

With its intuitive touchscreen interface, the WeatherLink Console revolutionizes how you interact with your weather station. It offers customizable dashboards, detailed historical records, and the ability to set personalized alarms, ensuring you stay informed about the weather that matters most to you.



Figure 1: Front view of the Davis WeatherLink Console, showing a detailed weather data display.

2. SETUP AND INSTALLATION

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the packing list are present and undamaged. The package should include the WeatherLink Console, power adapter, and this user manual.

2.2 Powering On the Console

Connect the provided power adapter to the DC input port on the back of the console and plug it into a standard electrical outlet. The console will automatically power on and begin its startup sequence.



Figure 2: Rear view of the console, showing the integrated kickstand for desktop placement.

2.3 Wi-Fi Connection and Device Configuration

Upon first startup, the console will guide you through an on-screen configuration process. This includes connecting to your Wi-Fi network and configuring your Davis weather station devices (e.g., Vantage Vue, Vantage Pro2). Follow the prompts on the touchscreen display.

- **Connect to Wi-Fi:** Select your Wi-Fi network from the list and enter the password. A stable internet connection is crucial for accessing WeatherLink Cloud features and receiving updates.
- **Configure Devices:** The console will detect compatible Davis weather stations. Select your station(s) to link them to the console. This allows the console to receive and display data from your outdoor sensors.
- **General Settings:** Adjust basic settings such as brightness, time zone, and data logging preferences.

For a visual guide on the setup process, please refer to the official product video below, specifically the segment on "Easy, On-Screen Prompted Configuration".

Your browser does not support the video tag.

Video 1: Official product overview and setup guide for the Davis WeatherLink Console. This video demonstrates the console's features and the straightforward on-screen configuration process, including Wi-Fi connection and device pairing.

2.4 Placement Considerations

Place the console in a central location within your home where it can easily receive signals from your outdoor weather station. Ensure it is on a stable, flat surface or mounted securely to a wall using appropriate hardware (not included). Avoid direct sunlight or extreme temperatures, which can affect display readability and internal components.



Figure 3: The console positioned indoors, demonstrating its compact size and how it complements an outdoor weather station setup.

3. OPERATING THE CONSOLE

3.1 Navigating the Touchscreen Display

The WeatherLink Console features a responsive touchscreen. Swipe left or right to navigate between different data screens and tap on elements to view more details or access settings. The main dashboard provides an at-a-glance overview of key weather parameters.



Figure 4: A close-up of the console's main display, highlighting the interactive elements and real-time weather data.

3.2 Viewing Current and Historical Data

The console allows you to view current weather conditions and access a comprehensive database of historical records. You can switch between daily, weekly, monthly, and annual views to analyze trends over time. The console supports viewing data from over 80 Davis sensors.

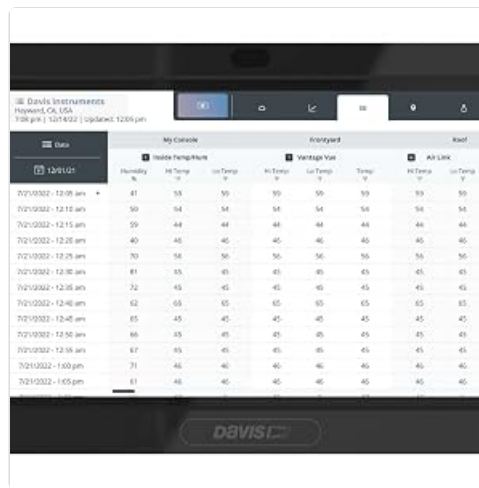


Figure 5: The console displaying historical weather data in a tabular format, allowing for detailed review of past conditions.

3.3 Data Analysis with Charts

Visualize your weather data with over 80 different chart types available on the console. These charts provide an easy way to identify patterns, compare different parameters, and understand long-term weather behavior.



Figure 6: A graphical representation of weather data on the console, illustrating temperature and humidity trends over a period.

3.4 Setting Alarms

Configure over 100 different alarms for various weather parameters, such as high/low temperature, wind speed, or rainfall rate. Choose from 12+ distinct alarm sounds to customize your alerts.



Figure 7: The console's alarm settings screen, where users can configure thresholds and sound notifications for various weather conditions.

3.5 WeatherLink Cloud Integration

The WeatherLink Console automatically pushes your weather data to the WeatherLink Cloud. This allows you to access, analyze, share, and compare your data from anywhere using the WeatherLink.com website or the WeatherLink mobile application (available for iOS and Android). This cloud integration provides a powerful platform for long-term data storage and advanced analysis.

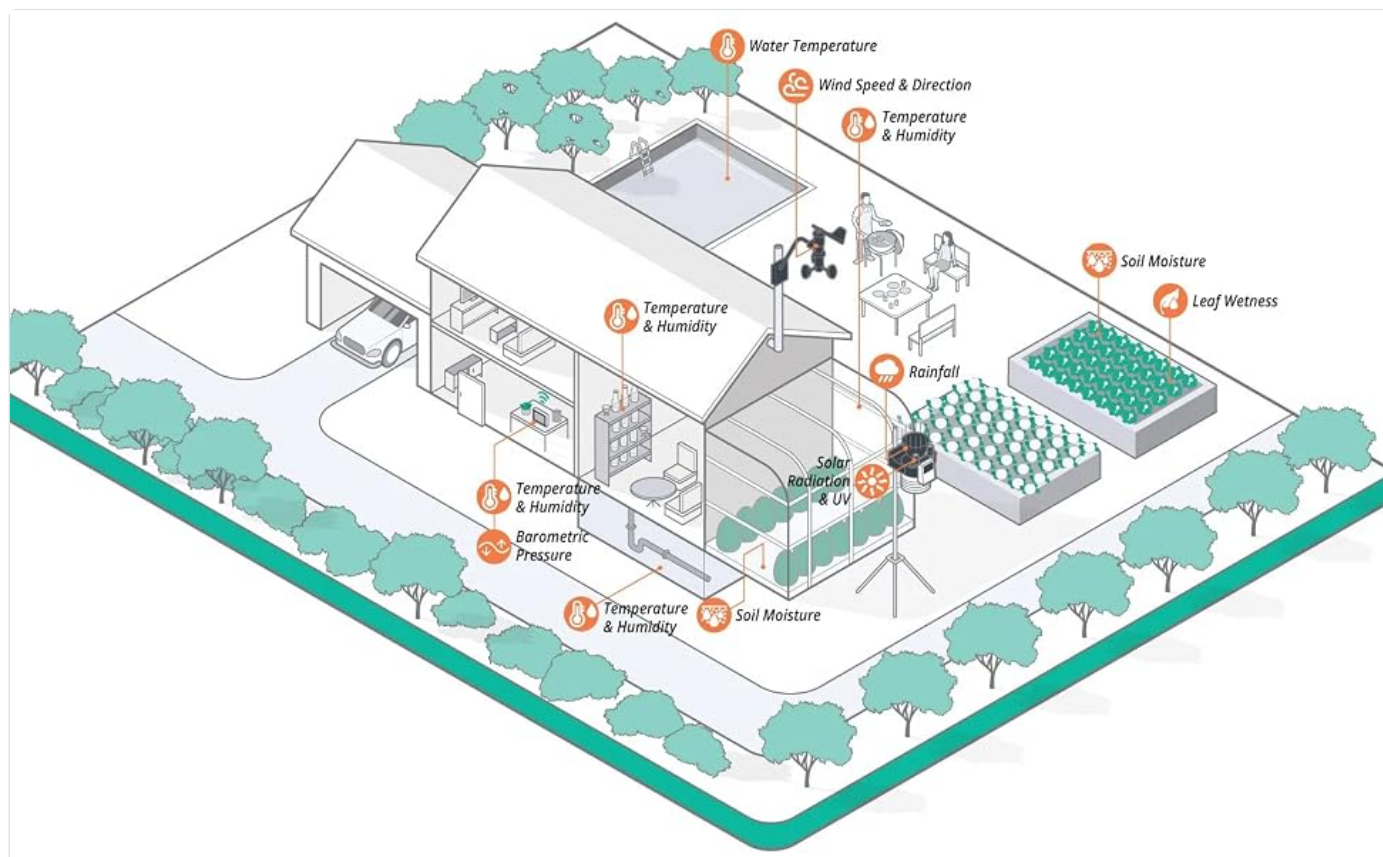


Figure 8: An illustrative diagram showing how various Davis Instruments sensors can be deployed around a property to gather comprehensive weather data.

4. MAINTENANCE

To ensure optimal performance and longevity of your WeatherLink Console, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the touchscreen and console exterior. For stubborn smudges, slightly dampen the cloth with water. Avoid abrasive cleaners, solvents, or aerosol sprays.
- **Software Updates:** Ensure your console's firmware is up to date. The console will typically notify you of available updates and guide you through the installation process when connected to Wi-Fi.
- **Power Supply:** Use only the original power adapter provided with the console.
- **Environmental Conditions:** Keep the console in a dry environment, away from direct moisture, extreme temperatures, and excessive dust.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your WeatherLink Console.

5.1 No Data Displayed

- **Check Power:** Ensure the console is properly plugged in and powered on.
- **Sensor Connection:** Verify that your outdoor weather station (Vantage Vue/Pro2) is powered on and within range of the console. Check the console's device configuration settings to ensure your station is correctly linked.

- **Interference:** Large metal objects, thick walls, or other electronic devices can interfere with wireless signals. Try repositioning the console or the outdoor station.

5.2 Wi-Fi Connection Issues

- **Network Password:** Double-check that you have entered the correct Wi-Fi password.
- **Signal Strength:** Ensure the console is within range of your Wi-Fi router.
- **Router Settings:** Confirm your router is broadcasting a 2.4 GHz network (the console may not support 5 GHz networks).
- **Restart Devices:** Try restarting your Wi-Fi router and the WeatherLink Console.

5.3 Inaccurate Readings

- **Sensor Obstruction:** Ensure outdoor sensors are free from debris, spiderwebs, or other obstructions that could affect readings.
- **Calibration:** Some sensors may require occasional calibration. Refer to your specific outdoor weather station manual for calibration procedures.
- **Placement:** Verify that your outdoor sensors are installed according to the manufacturer's recommendations to avoid localized influences (e.g., direct sunlight on temperature sensors, wind obstructions).

6. SPECIFICATIONS

Feature	Detail
Brand	Davis Instruments
Model Name	6313
Display Type	Touchscreen
Connectivity Technology	Wi-Fi, RF, Ethernet
Power Source	Corded Electric
Material	Plastic
Color	Black
Item Weight	1.1 Pounds
Item Package Dimensions	13 x 7 x 3 inches
Batteries	1 Lithium Polymer battery required (included)
Recommended Uses	Compatible with Vantage Vue and Vantage Pro2 Weather Stations and WeatherLink Live Service

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The Davis WeatherLink Console comes with a manufacturer's warranty. For detailed information regarding the warranty period, coverage, and terms, please refer to the documentation included with your product or visit the official Davis

7.2 Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your WeatherLink Console, please contact Davis Instruments customer support. You can find contact information and additional resources on their official website: www.davisinstruments.com.

Additionally, the WeatherLink.com platform and mobile app offer extensive resources, FAQs, and community forums that may assist with common questions and advanced usage.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question