

DAVIS VANTAGE PRO2 PLUS



THE ULTIMATE IN VERSATILITY AND OPTIONS FOR WEATHER WATCHING IN ANY INDUSTRY

Connect to your weather, where and when it's happening, with our weather stations and sensors. The Davis Vantage Pro2 Plus is a customizable, professional station that offers a full, integrated sensor suite, reliable weather data, wireless setup and comes robust with custom options.

OVERVIEW

Station includes a console and a versatile integrated sensor suite that can be customized by adding consoles or special-purpose options. You'll get your own local forecast, highs/lows, totals or averages and graphs for virtually all weather variables over the past 24 days, months or years.

BENEFITS



WIRELESS AND CABLED VERSIONS

The choice of a cabled station for the most economical installation, or wireless for easiest installation that also has additional sensor options and reduced risk of lightning damage, and a solar-powered transmitter that sends data effortlessly to your console.



RELIABLE AND ACCURATE WEATHER DATA

Comprehensive forecast data every 2.5 seconds no matter the conditions. Includes inside and outside temperature and humidity, barometric pressure, dew point, rainfall, wind speed and direction, and UV and solar radiation levels.



DEPENDABLE DATA TRANSMISSION

A solar-powered transmitter with battery backup to keep your inputs flowing without interruption. Data is automatically uploaded to your online weather center, where you can store, view and share it.



QUICK AND EASY INSTALLATION

Sensor suite installs quickly with included mounting hardware kit on poles from 1" to 1.75" (2.54cm to 4.45cm) in diameter. Pole is not included.



CUSTOMIZABLE

Professional station with a wide range of options and sensors that can be fit to your needs. Excellent choice for schools, emergency professionals, farmers, researchers, and others to monitor temperature, wind and moisture conditions, irrigation requirements and potential flooding.

KEY FEATURES

- Vantage Pro2 Plus Console
- Vantage Pro2 Plus Integrated Sensor Suite



Vantage Pro2 Plus Console



Vantage Pro2 Plus Integrated Sensor Suite

SUIT YOUR SMART DECISION MAKING NEEDS WITH ONE SIMPLE PACKAGE

Access your own local forecast, highs/lows, totals or averages and graphs for virtually all weather variables over the past 24 days, months or years—all without using a computer. The Integrated Sensor Suite combines our rain collector, temperature and humidity sensors, anemometer, UV, and solar radiation sensors into one package.

Vantage Pro2 Plus Console

- Variable display options provide view of inside or additional temperatures, humidity, soil moisture, UV index, leaf wetness, wind chill, dew point, and two different head indices.
- Current and historical data can be viewed, or highs and lows for up to 24 days, months or years.
- Forecast icons let you know what to expect; sun, partly cloudy, rain or snow. 12-hour icon forecast, plus 24 to 48-hour ticker tape forecast.
- Moon Phase tracks all eight phases of the moon.
- View current solar radiation and UV index lows highs for the day, month, and year.
- Comes with UV and Solar sensors pre-installed. With the solar sensor in place, you'll get evapotranspiration on your console, right at your fingertips.
- Frequency-hopping, spread spectrum radio provides wireless capabilities three times the distance of the competition (op to 1,000 feet), improved reception and greater immunity from interference.
- Over 80 graphs, including additional analysis of temperature, rain, rain rate, wind and barometric pressure.
- Set more than 70 alarms for multiple functions simultaneously.

Vantage Pro2 Plus Integrated Sensor Suite

- Stands up against hurricane-force winds and measures wind direction and speed in compass points or degrees down to 1mph.
- Rain Collector has self-emptying spoon that measures rain in 0.01" (0.2mm) increments.
- Built-in Bubble level for more accurate installation and data collection.
- Radiation shield protects from solar radiation and other sources of radiated and reflected heat for accurate temperature and humidity readings.
- Provides outside temperature reading from -40°F to 150°F (-40°C to 65°C) and measures relative humidity from 1 to 100%.
- Solar Panel power the station during the day and onboard super capacitor powers at night; has lithium battery backup.
- Corrosion resistant cover provides durable, weather proof housing. Electronics are potted or over-molded for added moisture shielding.

CONNECT WITH US

For more than 20 years Earth Networks has operated the world's largest and most comprehensive weather observation, lightning detection, and climate networks.

Our observations inform and alert consumers, enterprises and governments around the world, providing them with advanced environmental intelligence for decision making and safety.

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