

Info-Electronics Systems

Weather & water are our business

IES is proud to bring to Canada the latest technologies in Remote Sensing, Analysis & Weather Forecasting through the representation of state-of-the-art meteorological instrumentation companies.

Not only do we represent these firms, but we act as a prime contractor, customer liaison and provide value-added services, including project management, software development, systems integration, installation, training, testing, support and post-maintenance support as well.



Precision Weather Instruments

Based in Hayward, California, Davis Instruments is a privately held manufacturer and developer of exceptional weather, marine and automotive instruments.

Davis Instruments prides itself on innovation and high-quality, user friendly products at reasonable prices for everyone from scientists to weather buffs.



The **Vantage Pro2** and **Vantage Pro2 Plus** offer robust performance with a wide range of options and sensors for professional meteorologists and serious weather enthusiasts. They provide local forecast, highs/lows, totals or averages and graphs for virtually all weather variables over the past days, months or years—all without using a PC. Vantage Pro2 sensor suites use frequency-hopping spread spectrum radio to transmit and receive data up to a maximum of 1,000 ft. (300 m) line-of-sight. Vantage Pro2 is also an excellent choice for emergency professionals, farmers, schools, researchers, municipalities and others to monitor wind and moisture conditions, irrigation requirements and potential flooding.

WeatherLink Console

The new touchscreen WeatherLink wireless console of the Vantage Pro2 now offers a customizable Dashboard:





Set alarms for multiple parameters and sensors and receive alerts about local weather events.

All Vantage Pro2 stations include a console and a versatile **integrated sensor suite (ISS)** that combine a rain collector, temperature and humidity sensors and an anemometer into one package. You can customize your Vantage Pro2 by adding consoles or the special-purpose options. Vantage Pro2 weather stations are available in both wireless and cabled versions. Only the Vantage Pro2 Plus includes UV and solar radiation sensors; however, both stations can be customized with a range of add-on options, such as soil moisture stations and long- and short-range repeaters and application-specific systems.

Shown here;
Vantage Pro2 GroWeather
Wireless Sensor Suite
Weather Station with 24-Hour
Fan



The table below summarizes the features offered by the ISS of the Vantage Pro2 weather station:

FEATURES AT A GLANCE	
Vantage Pro2 includes all of the following:	
Barometric Pressure	Rainfall
Forecast	Rain Rate
Inside & Outside Temperature	Wind Direction
Inside & Outside Humidity	Wind Speed
Heat Index	Wind Chill
Dew Point	Time & Date
Moon Phase	Time of Sunrise & Sunset
With a Solar Radiation Sensor, you also get:	
Evapotranspiration	
Solar Radiation Intensity	
Temp-Hum-Sun-Wind Index	
With a UV Sensor, you also get:	
UV Dose	UV Index 

Data Collection Device Options:



EnviroMonitor serving as your reliable “eyes and ears” in the field, 24/7. Create a network of Davis and industry-leading, third-party sensors or expand your mesh of nodes and sensors to cover thousands of acres. Pick from available turn-key EnviroMonitor systems for agricultural applications such as irrigation, and pest management. Sensor data is gathered over a secure, self-healing network. The EnviroMonitorGateway collects all data from the Nodes and pushes it securely to the Cloud using cellular connectivity. With your micro-climate data in the Cloud, you will be able to access it from your PC and mobile devices: view the data anywhere, anytime on WeatherLink.com and the Mobilize app. Designed for flexibility, scalability, quick start-up and easy configurations.

Turn-key agriculture monitoring solutions



Data Viewing Options:

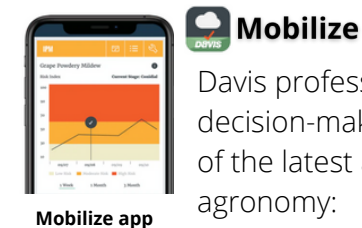
WeatherLink.com - Best in class data viewing



Get started monitoring your agricultural operations effortlessly with **WeatherLink Cloud** and start accessing your data for free (with basic tier) from any connected device and download the **WeatherLink app** to view your station data. Join the **WeatherLink public map** network to broadcast your weather station & air quality data.



WeatherLink Map - Air Quality, Can Health Index map shown above



Next level farming monitoring...

With Davis **Mobilize**, you can further take your decision-making to the next level with your smartphone;

- Plant disease prediction modeling
- Insect management
- Yield forecasting
- Farm nutrition management
- Spray window prediction

Airlink

Easily connect **AirLink** to your local Wi-Fi network to view real time Air Quality data with your smart phone



Canadian Orders

10% on 5 or more units until end of year

To learn more about these weather instruments, to get detailed specifications or to request custom quotes on any of Davis' products you can reach us at:

40TH ANNIVERSARY INFO-ELECTRONICS H P SYSTEMS INC.

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