

Vantage PRO2™



WeatherLink®

For the ultimate in weather monitoring, add a WeatherLink data logger to any Davis weather station and join the WeatherLink Cloud Family.

WeatherLinkIP™

Simple to install, the WeatherLinkIP data logger fits neatly into your Vantage Pro2 console, allowing you to collect and post your weather data directly to WeatherLink.com in real time. A router or hub and internet service is required.



WeatherLink.com

WeatherLink.com still has all the popular features in place — charting, bulletin, raw data, mapping, and more — but now they are easier to access and customize. Customize the layout so it works for you, sizing each window as you like and hiding what you don't need to see. Store your data in the cloud so you can access it at any time.

WeatherLink Mobile App

Easily access seven-day and hourly forecasts. Compare weather data from multiple stations and share information from your location. The app makes it simple to track data like temperature, barometric pressure, rainfall, humidity, wind speed, the time of sunrise and sunset, and more.



The app works with iPhone® and Android™ devices, and is available for FREE download. Search "Davis WeatherLink Mobile".

With Vantage Pro2, you get highs and lows (and/or totals or averages) for most weather conditions with time and/or date for the past 24 days, months, or years.

		BAR	HUMIDITY			RAIN		TEMPERATURE				WIND			WITH OPTIONAL SENSORS									
		Barometric Pressure	Inside Humidity	Outside Humidity	Dew Point	Rainfall Amount	Rain Storm Amount	Rain Rate	Inside Temperature	Outside Temperature	Heat Index	Wind Chill	Wind Speed	Wind Direction	Direction of High Speed	Evapotranspiration	Humidity (Extra)	Leaf Wetness	Soil Moisture	Solar Radiation	Temperature (Extra)	Temp-Hum-Sun-Wind	UV Radiation	UV MEDS
Update Interval		1 min	1 min	50 sec	10 sec	20 sec	20 sec	20 sec	1 min	10 sec	10 sec	10 sec	2.5 sec	2.5 sec	2.5 sec	1 hour	50 sec	1 min	80 sec	50 sec	10 sec	10 sec	50 sec	50 sec
CONSOLE DISPLAYS																								
	Reading at end of update interval	•	•	•	•				•	•	•	•		•		•	•	•	•	•	•	•	•	•
	Total amount for the interval					•	•								•									•
	Average reading for the interval													•										
	High reading for the interval							•																
SET ALARMS for																								
	Special Alarms	①				②	③						④			⑤								⑥
	High Reading		•	•	•			•	•	•	•			•			•	•	•	•	•	•	•	•
	Low Reading		•	•	•			•	•	•	•			•			•	•	•	•	•	•	•	•
DISPLAYED but not graphed																								
	Current Year High	•	•	•	•				•	•						•	•	•		•				
	Current Year Low	•	•	•	•				•			•				•	•	•		•				
GRAPHED & DISPLAYED for the past 24 readings of each of the following																								
EOP	End-of-15-Minute Period Readings	•																						
	End-of-Hour Period Readings	•	•	•	•				•	•	•						•	•				•		
TOTALS	15-minute Period Totals					•																		
	Hourly Totals					•										•								•
	Daily Totals					•										•								•
	Monthly Totals					•										•								•
	Storm Totals (with start & end date)						•																	
	Yearly Totals					•									•									
AVERAGES	10-Minute Averages												•											
	Hourly Averages or Dominant												•	•					•				•	
	Daily Averages or Dominant													•	•									•
	Monthly Averages or Dominant														•	•								•
	Yearly Averages														•									
HIGHS	One-Minute Highs							•																
	Hourly Highs							•					•											
	Daily Highs	•	•	•	•			•	•	•	•						•	•	•		•	•	•	•
	Monthly Highs	•	•	•	•			•	•	•	•						•	•	•		•	•	•	•
	Yearly Highs							•					•											
LOWS	Hourly Lows										•													
	Daily Lows	•	•	•	•			•	•	•	•						•	•			•	•	•	•
	Monthly Lows	•	•	•	•			•	•	•	•						•	•			•	•	•	•
	Yearly Low								•															

SPECIAL ALARMS

- ① Storm Warning: Amount of barometric pressure fall. Storm Clearing: Amount of barometric pressure rise.
- ② Flash Flood Warning: 15-minute rainfall amount. 24-Hour Rain Alarm: 24-hour rainfall amount.
- ③ Rainstorm Alarm: Rainfall amount for current storm.
- ④ High Speed Wind and 10-Minute Average Wind Speed Alarm
- ⑤ Daily Evapotranspiration Amount Alarm
- ⑥ Daily UV Dose Amount Alarm

Update interval may vary depending on station ID and type of station. Details and specifications subject to change at any time without notice.

Vantage PRO2™

Wireless Weather Station



- Transmits wirelessly up to 1000' (300 m)
- Transmits 3X the distance of competing stations
- Updates every 2.5 seconds

Vantage PRO2™

Instant weather information—at your fingertips!

Compass rose shows current and dominant wind direction.

Forecast icons let you know whether to expect sun, part sun, clouds and rain, or snow.

Eight phases of the moon, from new moon through full moon.

Current time and date, or time and date of highs and lows, or time of sunrise and sunset.

Five-position trend arrow shows whether barometric pressure is rising, falling or stable.

View wind direction to 1° resolution or view wind speed.

Set over 70 alarms for multiple functions simultaneously.

Graph past 24 hours, days, or months of readings or highs and lows.

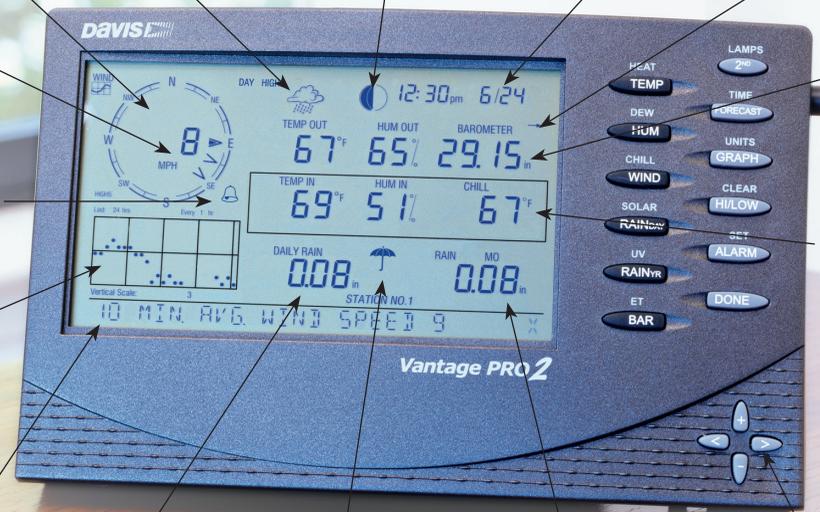
Ticker-tape display shows expanded forecast details and additional information on current conditions. Over 100 different messages.

View daily rain or rain for this storm.

Umbrella icon appears when it is currently raining.

View monthly or yearly rainfall, rain rate, evapotranspiration or intensity of solar radiation.

Use arrow keys to scroll through data on graph or view highs and lows over time.



Fixed display area shows the most important weather variables at all times.

Variable display area lets you pick between:

- Inside or additional temperatures or soil moisture.
- Inside or additional humidity, UV index or leaf wetness.
- Wind chill, dew point or two different heat indices.



Anemometer includes both wind speed and wind direction sensors. Rugged components stand up to hurricane-force winds, yet are sensitive to the lightest breeze. Wind-tunnel tested to 200 miles per hour (320 km/h).

The AeroCone rain collector design improves rain data accuracy in high wind. Unlike the smaller rain collectors sold elsewhere, our rain collector meets the guidelines of the World Meteorological Organization. Reads rainfall amounts in 0.01" or 0.2 mm increments.

Wireless integrated sensor suite runs on solar power. Lithium battery provides backup at night and during cloudy days. (Solar panel is not included with cabled version.)



Weather-resistant shelter houses electronic components for added protection against the elements.

Temperature and humidity sensors are located inside the radiation shield. The shield protects the sensors from solar radiation and other sources of radiated and reflected heat.

Optional Mounting Pole is just one of several installation options. Mount the system as shown, or separate the anemometer and mount it up to 40' (12 m) away using the included cable.



All Vantage Pro2™ stations include:

- Console with AC-power adapter. Wireless console may also run using 3 C-batteries. We suggest adding batteries to the cabled console for backup during power outages.
- Sensor suite with rain collector, temperature and humidity sensors and anemometer.
- 40' (12 m) anemometer cable.
- Mounting hardware.

Vantage Pro2 Plus™ stations also include:

- Solar radiation sensor.
- UV radiation sensor.
- Sensor mounting shelf.

Cabled Vantage Pro2 and Pro2 Plus stations include:

- 100' (30 m) cable from console to sensor suite.

Wireless Vantage Pro2 and Pro2 Plus stations include:

- Transmitter (in weather-resistant shelter) and receiver (in console). Range is up to 1000' (300 m) outdoors, line of sight. Typical range through walls under most conditions is 200' to 400' (60 to 120 m).
- Ability to receive data from more than one transmitter.
- Ability to retransmit from one console/receiver to another, so you can view the same weather data in more than one location.

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



The aluminum-plated tipping bucket in our rain collector is self-emptying, corrosion-resistant and laser calibrated for exceptional accuracy.

