

The ultimate in versatility and options

All Vantage Pro2 stations include a console and a versatile sensor suite (pictured below) that combine our rain collector, temperature and humidity sensors and anemometer into one package. You can customize your Vantage Pro2 by adding consoles or the special-purpose options shown on the following pages. Vantage Pro2 weather stations are available in both wireless and cabled versions. Only the Vantage Pro2 Plus includes UV and solar 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.

Vantage Pro2 stations
(See page 8 for models.) PATENTED



AeroCone® rain collector

- The new design improves rain data accuracy in high wind
- Comes standard on all Vantage Pro2 sensor suites
- Interior walls are engineered to reduce splash-out during high rain
- Enhanced debris screen locks into place

1. 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 mph (320 km/h).

Anemometer can be installed separately using 40 ft. (12 m) cable (included).

Optional Anemometer/Sensor Transmitter Kit allows you to mount the anemometer in a different location than the rain collector and the rest of the sensor suite, up to 1,000 ft. (300 m) from your wireless console.

2. RAIN COLLECTOR

The Vantage Pro2 rain collector meets the collection area guidelines of the World Meteorological Organization. Reads rainfall amounts in 0.01" increments. Metric versions measure in 0,2 mm increments. Includes improved debris screen and spikes to keep birds away.

3. PASSIVE RADIATION SHIELD

The most effective passive shelter available. Protects your Temperature or Temperature/Humidity Sensor from solar radiation and other sources of radiated and

reflected heat. Multi-plate construction for maximum airflow.

4. 24-HOUR FAN-ASPIRATED RADIATION SHIELD

Models with 24-hour fan-aspirated radiation shields include additional radiation shield plates and a second solar panel, which powers the motor-driven fan.

5. TEMPERATURE & HUMIDITY SENSORS

Located inside the radiation shield, which protects the sensors from solar radiation and other sources of radiated and reflected heat.

6. SOLAR PANEL

Powers the wireless station during the day and charges the super capacitor for night operation. Lithium battery provides backup on cloudy days (solar panel is not included with cabled version).

7. WEATHER-RESISTANT SHELTER

Provides protection against the elements for the sensor suite's electronic components.

8. SOLAR RADIATION AND UV SENSORS (SHOWN WITH VANTAGE PRO2 PLUS)

Includes sensors to track solar radiation, evapotranspiration and

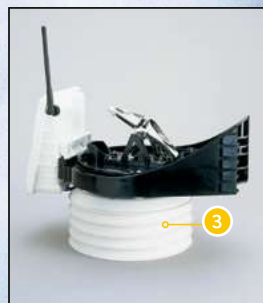
UV indices. Time measures are programmable to meet your specific needs. Sensors can be added separately to the Vantage Pro2.

9. OPTIONAL MOUNTING POLE

One of several installation options. For more, including our mounting tripod, see page 9.



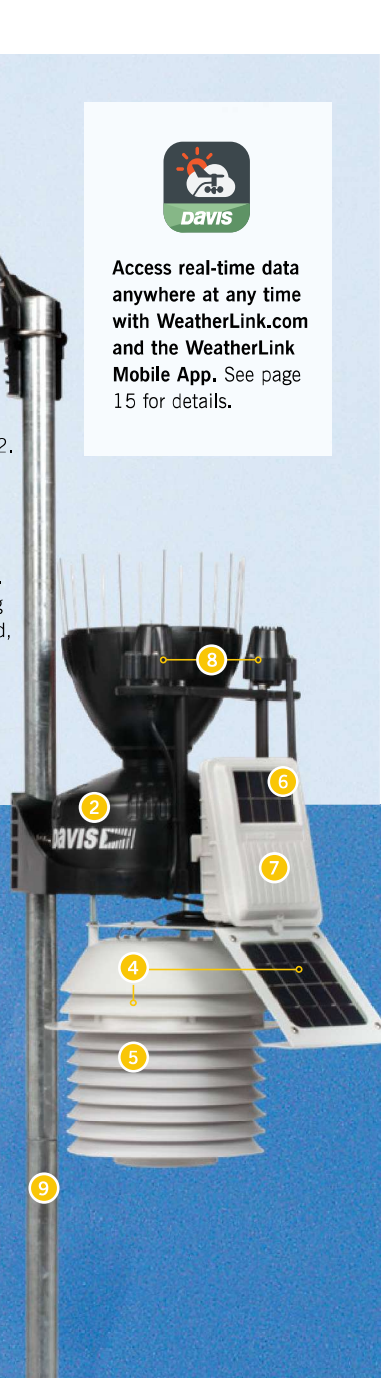
Access real-time data anywhere at any time with **WeatherLink.com** and the **WeatherLink Mobile App**. See page 15 for details.



6152 Wireless Vantage Pro2. Includes built-in bubble level for more accurate installation. The aluminum-plated tipping bucket in our rain collector is self-emptying, corrosion resistant and laser calibrated for exceptional accuracy.

Pictured: 6163 Wireless Vantage Pro2 Plus with 24-Hour Fan-Aspirated Radiation Shield

See page 32 for installation diagrams.



Sensor Suites



Vantage Vue Sensor Suite

Because Vantage Vue's transmitters are radio-compatible with Vantage Pro2, you can mix and match components. The sensor suite can transmit to Vantage Vue and wireless Vantage Pro2 consoles, wireless Weather Envoy and Vantage Connect. Mounting pole not included.

6357 Vantage Vue Sensor Suite



Vantage Pro2 Sensor Suite

Includes all the features of the Vantage Pro2 and Pro2 Plus sensor suites shown on page 8. Compatible with Vantage Vue and Vantage Pro2 consoles, Weather Envoy and Vantage Connect. Mounting tripod pole not included.

WIRELESS SENSOR SUITE

- 6322 with Standard Radiation Shield
- 6323 with 24-Hour Fan-Aspirated Radiation Shield

CABLED SENSOR SUITE*

- 6322C with Standard Radiation Shield



WIRELESS SENSOR SUITE PLUS with UV and Solar Radiation Sensors

- 6327 with Standard Radiation Shield
- 6328 with 24-Hour Fan-Aspirated Radiation Shield

CABLED SENSOR SUITE PLUS with UV and Solar Radiation Sensors*

- 6327C with Standard Radiation Shield



GroWeather® Sensor Suites FOCUS ON AGRICULTURE

- 6820 GroWeather Wireless with Solar Radiation Sensor and Standard Radiation Shield

- 6820C GroWeather Cabled with Solar Radiation Sensor and Standard Radiation Shield*



* Cabled sensor suites can only be used with a cabled Vantage Pro2 console, cabled Envoy, cabled Vantage Connect or EnviroMonitor, and include 100 ft. (30 m) cable.

All Vantage Vue and wireless Vantage Pro2 sensor suites can be used with Vantage Connect and wireless Weather Envoy.

All sensor suites are compatible with WeatherLink (see page 14).

Mounting tripod 7716 optional (see page 9).

Add special-purpose stations or sensors

Customize your Vantage Pro2 weather station, Vantage Connect or Weather Envoy by adding special-purpose stations and sensors. Each can receive data from up to eight different transmitting stations.



Wireless Leaf & Soil Moisture/Temperature Station (Solar-powered)

Includes a transmitter and backup battery inside a weather-resistant shelter. To view the data, add a wireless Vantage Pro2 console/receiver or Weather Envoy and WeatherLink. Vantage Pro2 console/receiver or Weather Envoy and WeatherLink can only receive data from either:

- A single fully-populated station with two Leaf Wetness Sensors, four Soil Moisture Sensors, and four Temperature Probes,
- OR**
- Two partially-populated stations, one with two Leaf Wetness Sensors and two Temperature Probes, and the other with four Soil Moisture Sensors and four Temperature Probes.

Available in two models. Choose the model without sensors (6345), and add only those you need to meet your requirements. Or choose the Complete Soil Moisture/Temperature Station (6345CS), and add one or two Leaf Wetness Sensors as desired. Compatible with the 6470 Stainless Steel Temperature Probe with 2-Wire Termination.

6345 Wireless Leaf & Soil Moisture/Temperature Station without sensors



6345CS Complete Soil Moisture/Temperature Station with 4 Soil Moisture Sensors and 4 Temperature Probes

