

# The ultimate in versatility and options

All Vantage Pro2 stations include a console and a versatile sensor suite (pictured below) that combines our rain collector, temperature and humidity sensors, and anemometer into one package. You can customize your Vantage Pro2 by adding extra consoles or the Sensor Transmitter options shown on page 31. Vantage Pro2 weather stations are available in both wireless and cabled versions. Vantage Pro2 Plus includes UV and Solar Radiation sensors; however, all stations can be customized with either.

**Vantage Pro2 stations**  
(See pages 10-11 for product configurations.)



Pair with a data collection product (pages 15-17) to access data anywhere, anytime, and on any connected device with the WeatherLink Cloud.

## 1. ANEMOMETER & WIND VANE

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 Sensor Transmitter allows you to mount the anemometer even farther from the rain collector and the rest of the sensor suite.

## 2. RAIN COLLECTOR

The patented AeroCone 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 debris screen and spikes to keep birds from landing.

## 3. PASSIVE RADIATION SHIELD

The most effective passive shelter available. Protects your temperature and humidity sensors 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 to power the motor-driven fan. See page 33.

## 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. WEATHER-RESISTANT SHELTER

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

## 7. SOLAR PANEL

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

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

Includes sensors to track solar radiation, evapotranspiration and UV indices. Time settings are programmable to meet your specific needs. Sensors can be added separately to the Vantage Pro2. See page 34.

## 9. OPTIONAL MOUNTING POLE

One of several installation options. For more, including our mounting tripod, see page 12.



**6252 Wireless Vantage Pro2.** Includes built-in bubble level for accurate installation. The NEW tipping spoon in our rain collector is self-emptying, corrosion-resistant, and precisely-calibrated for exceptional accuracy.

See page 41-42 for installation diagrams.



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



### Main features:

- New HD touchscreen “WeatherLink Console” to easily navigate, view, and analyze your weather data on an intuitive device.
- Customizable dashboard to show up to 21 parameters (wind, temperature, relative humidity, rain, barometric pressure, solar radiation, UV radiation and many associated calculated values).
- Database with historical records: more than 80 different graphs, more than 100 alarms for warnings of dangers of high wind, freezing temperatures, high rain rate, etc.
- Wi-Fi connection to join the WeatherLink community and upload and share data safely and securely view and analyze Historical Insights.
- Track of detailed hourly and daily forecasts for the next 7 days when connected to the WeatherLink Cloud.
- Data reception from up to 8 transmitting sensors or Sensor Suites.

### Product Description:

The WeatherLink Console places all the data from your Vantage Pro 2 or Vantage Vue sensor suite right at your fingertips. One device gives you instantaneous access to the information you need and the ability to do deep analysis, all from a single, convenient display with an intuitive and easy-to-understand touchscreen. From viewing current and historical data, creating graphs and setting alarms, calculating indexes and reviewing forecasts, the WeatherLink Console helps you keep track of conditions so you can make better decisions about your recreation, garden, home maintenance, and more.

The brilliant, HD touchscreen allows you to easily navigate and analyze your hyperlocal weather data or view the latest conditions from anywhere in the room. The dynamic dashboard can be customized to see at-a-glance up to 21 parameters – from temperature to wind to rain. You can set hundreds of alarms to get notified when conditions that matter to you change, such as when temperatures begin approaching a critical point for outdoor work or when wind speeds reach a certain level. With a full database of historical data stored right on the console, the console offers easy access to graphs of the last 24 hours of data, last month, or the previous year.

The WeatherLink Console is a fully functional and powerful data display, storage, and analysis tool on its own – no Wi-Fi required. Or you can connect to Wi-Fi to join the WeatherLink community and upload and share data safely and securely. Use a free WeatherLink account to log in to all WeatherLink data viewing products and access all of your data on your phone or computer. Upgrade to Pro or Pro+ for more detailed analysis, charting, and mapping of data or to share your data with family, friends, the WeatherLink community, and beyond.

### Technical data:

Operating / Storage temperature	0° to +50°C / -20° to +60°C
Power consumption	2 A max
Power adapter	230 VAC / 5 VDC, 2000 mA (= max. power consumption)
Backup battery	Lithium-polymer
Battery life time (if no AC power)	Less than a day when fully charged
Console dimensions	210 mm x 152 mm x 19 mm
Display area	171 mm x 107 mm

## Weather bulletin (example)



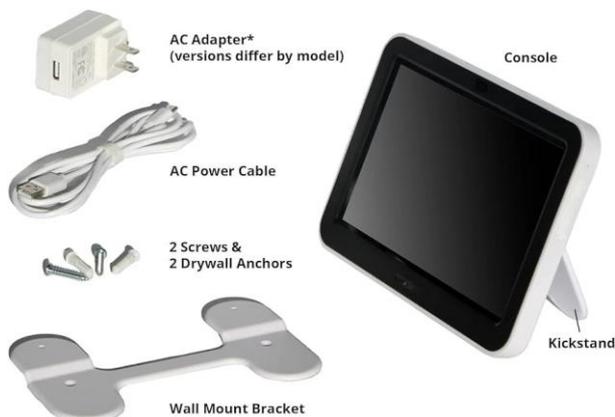
## Different display formats to show the weather bulletin (user choice)



## Typical display windows showing map, data table, graphics, etc. ...



## Scope of delivery:



## Display example of data summary

