

## Vantage Pro2™ Weather Stations

Transmit weather information up to 1000 ft (305 m) away

■ Complete weather information at your fingertips

The Vantage Pro2 weather stations have greater accuracy and double the transmitting distance than the original Vantage Pro. These stations measure and display barometric pressure, indoor and outdoor temperature and humidity, heat index, dew point, wind direction and speed, windchill, rainfall, time, date, forecasts, moon phase, sunrise, and sunset. Weather messages scroll across the bottom of the digital display for more detailed information.

Select from cabled or wireless transmitting stations. Models 86403-01 and -11 pass signals to the digital display through a 100-foot cable. Models 86403-03 and -13 transmit signals up to 1000 feet (305 m) when the digital display is in the line-of-sight (200 to 400 feet (61 to 122 m) when not in line-of-sight).

Vantage Pro2 Plus™ models 86403-11 and -13 allow you to read UV index and dose, solar radiation, and evapotranspiration. Use optional repeaters to boost signal strength and transmitting range.

What's included: console display with AC power adapter, rain collector, temperature and humidity sensors, anemometer, 40-ft (12.2-m) anemometer cable, and mounting hardware. Models 86403-01 and -11 also include a 100-ft (30.5-m) cable to connect sensors to display. Models 86403-03 and -13 also include a solar panel mounted to the main sensor. Vantage Pro2 Plus models 86403-11 and -13 also include solar and UV radiation sensors.



### Specifications

**Display:** multidata LCD

**Power:** AC adapter (included) or three "C" batteries (not included)

#### Dimensions

Display console (W x H x D): 9½" x 6" x 1½" (24.1 x 15.2 x 3.8 cm)

Sensor assembly (W x H x D): 8¼" x 7¼" x 7¾" (21.0 x 18.4 x 19.7 cm)

Parameter		Range	Accuracy
Barometric pressure		26 to 32" Hg, 880 to 1080 mbar	±0.03" Hg, ±1.0 mbar
Temperature	Inside	32 to 140°F (0 to 60°C)	±1°F (0.5°C)
	Outside	-40 to 150°F (-40 to 65°C)	
	Heat index	-40 to 135°F (-40 to 57°C)	
Relative humidity	Inside	10 to 90%	±5% of full scale
	Outside	0 to 100%	±3% of full scale
Dew point		-105 to 130°F (-76 to 54°C)	±3°F (1.5°C)
Wind	Direction	0 to 360°	±7°
	Compass rose	16 compass points	±7°
	Speed	2 to 150 mph, 2 to 130 knots, 1 to 67 m/s, 3 to 241 km/hr	±5% of full scale
	Chill	-110 to 130°F (-79 to 54°C)	±2°F (1°C)
Rainfall		0 to 99.99"	±4% of full scale
Time		24 hours (12- or 24-hour format)	±8 sec/month
Date		Month/day	±8 sec/month
Solar radiation†		0 to 1800 W/m²	±5% of full scale
UV radiation†	UV index	0 to 16	±5% of full scale
	UV dose	0 to 199 MED	±5% of full scale

†Vantage Pro2 Plus stations 86403-11 and -13 only.

Catalog number	Description	Price
S-86403-01	Vantage Pro2, cabled	
S-86403-03	Vantage Pro2, wireless	
S-86403-11	Vantage Pro2 Plus, cabled	
S-86403-13	Vantage Pro2 Plus, wireless	

**S-86403-41 Repeater, AC powered.** Boosts signal strength and receiving range.....



**S-86403-43 Repeater, solar-powered.** Boosts signal strength and receiving range.....



**S-86403-52 Software** for data analysis, serial port connection.....

**S-86403-54 Software** for data analysis, USB port connection.....



**S-86403-62 Additional display console**.....

**S-86403-70 Mounting tripod, galvanized steel**.....

**S-09376-02 Replacement batteries, C. Pack of 4**.....

