

Vantage Pro2™ and Pro2 Plus™ Weather Stations

Don't be surprised by changing weather

- Transmit weather information up to 1000 ft (305 m) away
- Complete weather information at your fingertips
- Optional WeatherLink software for extensive weather analysis and data storage (sold on page 985)

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-ft (30.5-m) cable. Models 86403-03 and -13 transmit signals up to 1000 feet (305 meters) when the digital display is in the line-of-sight; 200 to 400 feet (61 to 122 meters) 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.

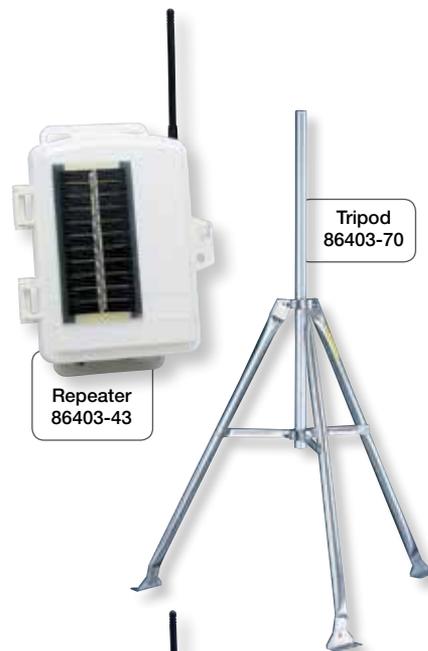


Console display

Specifications

| 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.



Tripod
86403-70

Repeater
86403-43



Repeater
86403-41

| Description | Power | Catalog number | Price |
|---|---|-----------------------------|-------|
| Vantage Pro2 weather station, cabled | AC adapter (included) or three C batteries (order separately) | GH-86403-01 | |
| Vantage Pro2 weather station, wireless | | GH-86403-03 | |
| Vantage Pro2 Plus weather station, cabled | | GH-86403-11 | |
| Vantage Pro2 Plus weather station, wireless | | GH-86403-13 | |

Accessories

- [GH-86403-41 Repeater](#), AC powered. Boosts signal strength and receiving range
- [GH-86403-43 Repeater](#), solar-powered. Boosts signal strength and receiving range
- [GH-86403-62 Additional display console](#)
- [GH-86403-70 Mounting tripod](#), galvanized steel
- [GH-32245-46 Solar radiation sensor](#)
- [GH-32245-47 UV radiation sensor](#)
- [GH-32245-44 Wireless temperature station](#)
- [GH-32245-45 Wireless temperature/humidity station](#)
- [GH-32245-49 Wireless leaf wetness/soil moisture complete system](#)
- [GH-09376-02 Batteries](#), C. Pack of 4
- [GH-17100-01 NIST-traceable calibration](#) with test data for weather station