

# Wireless and Cabled Weather Systems



With Vantage Pro2, the wireless weather stations are better than ever. These stations use frequency hopping spread spectrum radio and they transmit and receive data up to 1000' (300m) line of sight. The Vantage Pro2 gives highs and lows (and/or totals or averages) for virtually all weather variables for the last 24 days, months or years, and your own local forecast, all without a PC.

#### Vantage Pro2 Series Includes:

- Console with AC power adapter
- Integrated sensor suite with 40' (12m) anemometer cable
- Mounting hardware

#### DS6152 Vantage Pro2 Wireless Version includes:

- Console/receiver
- Integrated sensor suite with transmitter
- Solar panel
- 40' (12m) anemometer cable
- Mounting hardware

#### DS6152C Vantage Pro2 Cabled Version includes:

- 100' (300m) cable connecting the console to the integrated sensor suite

#### DS6162 and 6162C Vantage Pro2 Plus includes:

- All of the features of the Vantage Pro2
- Solar radiation and UV sensors
- Sensor mounting shelf

#### DS6372 Wireless Temperature Station

- Stainless steel temperature probe with 12' (3.6m) cable
- Transmitter
- Battery inside weather-resistant shelter

#### DS6382 Wireless Temperature/Humidity Station

- Temperature humidity sensor inside radiation shield
- Battery

#### DS6345CS Wireless Soil Moisture/Temperature Station

- Transmitter and battery inside weather-resistant shelter
- Station includes 4 soil moisture sensors, and 4 temperature probes
- To view data, add a wireless Vantage Pro2 console/receiver or Weather Envoy and Weatherlink

#### DS66156 Solar Radiation Sensor

- Measures solar radiation
- Diffuser element & housing are carefully designed for accurate cosine response
- Two-piece housing minimizes radiation heating
- Includes a built-in level and 4' (1.2m) cable

#### DS66157 UV Sensor

- Measures the sunburning portion of the UV spectrum
- Display UV index, dose rate, daily & accumulated dose
- Two-piece housing minimizes radiation heating
- Includes 4' (1.2m) cable

#### Vantage Pro2 Features

- Barometric pressure
- Forecast
- Inside & outside temperature
- Inside & outside humidity
- Heat index
- Dew point
- Moon phase
- Rainfall for minutes, hours, days, month, year and storm
- Rainfall totals for last 24 storms
- Rain rate for minutes, hours, days and months
- Wind direction & speed
- Wind chill
- Time & date
- Time of sunrise & sunset

#### Additional Features

- Anemometer is detachable for ultimate flexibility – mount with integrated sensor suite as shown, or mount separately using the included 40' (12m) cable
- Rain bucket is self-emptying for exceptionally accurate readings
- Wireless integrated sensor suite runs on solar power. Lithium battery provides backup at night and during cloudy, wintry days
- Temperature and humidity sensors are located inside the radiation protective shield
- Optional tripod makes installation even easier. Brackets at the base of legs tilt to mount on roof or uneven terrain
- Frequent update interval – every 2.5 seconds, compared to the 3 to 15 minutes found on other stations
- Sophisticated forecasting algorithm. Takes wind and temperature into account – not just barometric pressure
- Greater range for wireless transmission – up to 1000' (300m) – even further with wireless repeaters
- Over 80 graphs and over 70 alarms available on the console versus other stations

