



ENVIROMONITORS

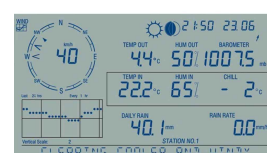
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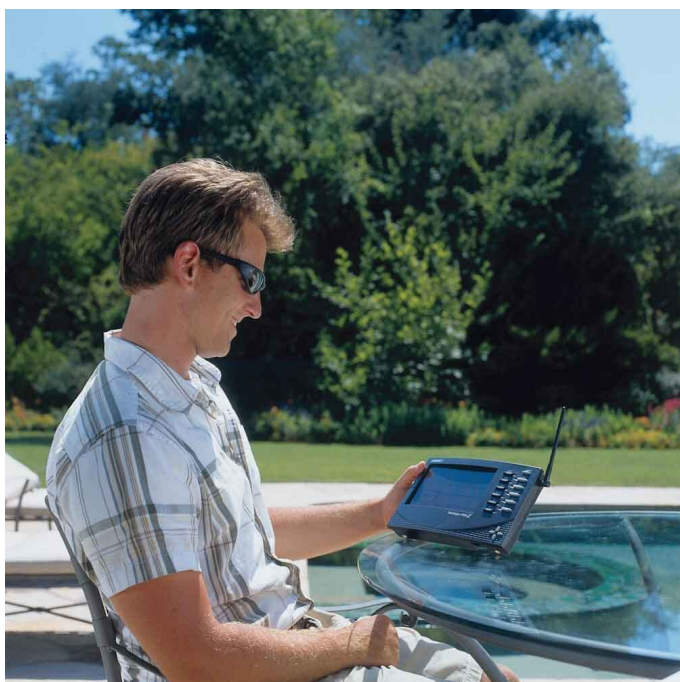
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DISCONTINUED: Davis Vantage Pro2 Plus Wireless Weather Station 6163UK (includes UV & Solar Radiation Sensors, 24-Hr Fan-Aspirated Radiation Shield)

Product Images





Short Description

The Wireless Vantage Pro2 Plus 6163UK is an expandable, professional weather station that displays and records barometric pressure, temperature, humidity, rainfall, wind, solar radiation and UV.

The console gives calculated values such as wind chill, dew point and evapotranspiration as well as forecasting and a current conditions "ticker". The anemometer can be mounted separately up to 40ft (12m) from the rain collector. All Vantage Pro2 stations include a versatile integrated sensor suite that can be customised by adding further sensors.

Description

Because are an authorised Davis Service Centre, we provide a FREE THREE YEAR WARRANTY on all Davis products purchased from us.

These rugged Davis Vantage Pro2 weather stations are designed to offer years of service. They are the only weather station in their class offering sensors manufactured to a traceable accuracy.

The wireless transmission far out performs and updates more frequently than any similar weather stations. Using frequency hopping spread spectrum radio technology at 868mhz it transmits weather data every 2.5 seconds up to 300m.

The Integrated Sensor Suite is solar powered with its electronic components housed in a weather-resistant shelter. All the outdoor electronic components are specially designed to resist the effects of exposure to the atmosphere.

This fan aspirated radiation shield (FARS) system includes a 24 hour solar powered fan for even greater accuracy as part of the radiation shield. This feature is ideal for hot & humid climates as the FARS combines active and passive aspiration to minimise the effects of radiation.

In addition to the optional accessories above, there are [many more to choose from](#), either now, or in the future as your needs change.

Additional Information

Promotion	This product has been discontinued. See the full Vantage Pro2 range
Brand	Davis Instruments
Country of Manufacture	United States
Contents	Includes Vantage Pro2 console/receiver, integrated sensor suite, and mounting hardware. Integrated sensor suite includes rain collector, temperature and humidity sensors, anemometer, solar and UV sensors, 12 m anemometer cable, fan assisted radiation shield (FARS) and solar panel. Electronic components are housed in a weather-resistant shelter.
Ideal For	Professional, Education, Amateur, Interested, Gardeners, Agronomy
Measurements	Barometric Pressure, Dew Point, Evapotranspiration, Humidity, Leaf Wetness, Rainfall, Soil Moisture, Solar Radiation, Temperature, UV, Water Temperature, Wind Direction, Wind Speed
Typical applications	Environmental (Outdoor), Field Research, Weather Monitoring
Indoor Unit	<ul style="list-style-type: none">• Wireless Console with large, 90 x 150 mm, backlit LCD screen.• Clear easy to use navigation keypad.• Barometric Pressure in the range 540-1100 hPa displays mb, hPa or in/mm Hg.• Indoor temperature in the range 0° to 60°C displays °C or °F.• Indoor humidity in the range to 0% to 100% RH.• 12 / 24 hour clock with day / month date.• Moon phase displayed in quarters.• Local weather forecast icons tell you what to expect in the next 12-hours.• Current & historic data or highs and lows for up to 24 days, months, or years.• Ticker tape at foot of screen shows expanded forecast and additional information on current conditions with more than 100 different messages.• Flip out table stand or wall mount.
Computer	PC, web or mobile app access with optional WeatherLink 2.0 data logger and software.
Finish	Sculptured dark grey plastic case.
Dimensions	155 x 245 x 40mm
Batteries	3 x C cells (console battery backup)

Power	UK 230V adapter included (EU 230V supplied to EU orders)
Outdoor Unit	<p>The Integrated Sensor Suite (ISS) includes the tipping bucket rain collector, the fan assisted radiation shield for the temperature / humidity sensor and the solar and UV sensors. The radiation shield has a 24 hour solar powered fan for even greater accuracy. The tipping bucket mechanism records rain every 0.2mm and is chrome plated to reduce loss through evaporation.</p> <p>The anemometer is supplied with a 12m cable to plug into the ISS transmitter. If this is not practical a separate transmitter is available as an accessory.</p>
Sensors	<ul style="list-style-type: none"> • Wind Speed displayed in the range 2 to 150mph displayed in mph, knots, m/s or kph. • Wind Direction displayed in 16 points of the Compass Rose or 0° to 360° • Temperature in the range -40°C to +65°C displayed in °C or °F. • Relative Humidity in the range 0% to 100%. • Rainfall in mm or inches and rate in mm or inches per hour. • Solar radiation in the range 0 to 1800 W/m2 and energy in the range 0 to 1999.9 Ly. • UV Dose in the range 0 to 199 MEDs and Index from 0 to 16. • Calculated values for windchill, dew point, heat index and evapotranspiration. <p>Additional sensors and stations are available for air quality, temperature, humidity, soil moisture, soil temperature and leaf wetness.</p>
Dimensions	350 x 220 x 460 mm
Batteries	1 x LR123 lithium back up battery required (not included). Ordinarily this should last 2-3 years.
Power	Solar powered
Software	<p>Access Real-Time Weather Data Anywhere & Anytime</p> <p>With optional WeatherLink software and data logger, you can access, store and graph your weather data on your PC with WeatherLink® 2.0 software, or online at WeatherLink.com and WeatherLink Mobile Apps (iOS and Android).</p>

Installation

Installation is very simple and can be carried out by almost anyone with a few basic tools. The only thing you should remember is to take care if you have to work at height.

The outdoor sensor suite and anemometer are supplied with U clamps for a 45mm Ø pole and coach screws for a post or wall. Larger U clamps can be used up to 65mm Ø

Davis weather stations require very little maintenance and do not require regular recalibration.

Additional Options

Optional WeatherLink - Access Your Weather Data Online/PC/Mobile App	WeatherLink Console - touchscreen, no PC or WiFi required. Bundle price
	WeatherLink Live - no PC required. Bundle price
	WeatherLink Windows USB. Bundle price
	WeatherLink Windows Serial. Bundle price
Optional WeatherLink Cloud Pro Subscription	WeatherLink Pro (1 Year Subscription)
	WeatherLink Pro (3 Year Subscription)
Additional Accessories (Hold down Ctrl & left click to select multiple options)	AirLink Wi-Fi Air Quality Sensor (Indoor/Outdoor) (DI-7210UK)
	Solar Radiation Sensor (DI-6450)
	Ultraviolet (UV) Sensor (DI-6490)
	Sensor Mounting Shelf for Additional Solar and UV Sensors (DI-6673)
	Wireless Solar-Powered Sensor Transmitter (DI-6332OV)
	Daytime Fan Aspirated Radiation Shield Kit (DI-7747)
	Wireless Temperature Station (DI-6372OV)
	Wireless Solar-Powered Repeater (extends range of sensors by up to 300m) (DI-7627OV)
	Complete Wireless Soil Moisture/Temperature Station - incl. 4 soil moisture sensors & 4 temp sensors (DI-6345CSOV)
Mounting Options	Universal Mounting Pole Kit (WS-7717) (Limited Offer)!
	Universal Crank-shaped Mounting Pole Kit (WS-7715-CRANK)
	Davis Mounting Pole Kit (DI-7717)
	Davis EZ-Mount Tripod (DI-7716-00)
Batteries	3 x C Alkaline 1.5V Batteries for Display Console
Handheld Anemometer (to help you position weather station wind sensor in optimum location for maximum wind)	Kestrel 1000 (Pro-quality, made in USA)