



Davis Vantage Pro2 Plus Cabled - 6162CUK (Includes UV & Solar Radiation Sensors)

Product Images





Short Description

The Cabled Vantage Pro2 Plus 6162CUK is a 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.

Description

Because we 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 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.

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

Brand	Davis Instruments
Country of Manufacture	United States
Contents	Vantage Pro2 console/receiver Integrated sensor suite (includes rain collector, temperature and humidity sensors, anemometer, solar and UV sensors). Electronic components are housed in a weather-resistant shelter Mounting hardware 40 ft (12 m) anemometer cable 100 ft (30 m) cable to link the console and integrated sensor unit, which can be considerably extended if required.
Ideal For	Professional, Agronomy
Measurements	Barometric Pressure, Dew Point, Evapotranspiration, Humidity, Rainfall, 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">• 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 batteries (console battery backup)
Power	AC adapter with battery backup. 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 radiation shield for the temperature / humidity sensor and the solar and UV sensors. 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.</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 and heat index and evapotranspiration.
Dimensions	350 x 220 x 360 mm
Power	Powered from Console
Software	<p>Access your weather data anywhere & anytime 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	<p>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.</p> <p>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</p> <p>Installations options such as tripods and mounting pole kits are available from our Installation Kit pages.</p> <p>Davis weather stations require very little maintenance and do not require regular recalibration.</p>

Additional Options

Access Your Weather Data Online/PC (hold down 'ctrl' key to select multiple options)	WeatherLink - Windows USB
	WeatherLink - Windows Serial
	Modbus TCP Weather Station Gateway
	BACnet MS/TP Weather Station Gateway
Optional WeatherLink Cloud Pro Subscription (1 Year)	WeatherLink Pro
Additional Accessories (Hold down Ctrl & left click to select multiple accessories)	WeatherLink - Windows Extra User
	WeatherLink - Mac Extra User
	Solar Power Kit for VP
	VP2 Daytime Fan Kit
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)