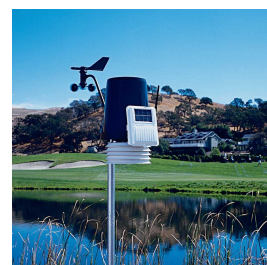




# DISCONTINUED: Davis Vantage Pro2 Wireless Turf Monitoring Package 6152UKTURF (incl. Soil Moisture/Temperature & Solar Radiation)

## Product Images





## Short Description

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The Vantage Pro2 Turf Package by Davis Instruments records all of the relevant weather variables while keeping a close eye on irrigation and ET. Ideal for golf club use.

## Description

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These rugged 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 Turf Package comes complete with an additional transmitter for 2 soil moisture sensors and temperature sensors. The solar sensor is included in the package to provide Evapotranspiration readings.

# Additional Information

Promotion	This product has been discontinued. See our <a href="#">full Vantage Pro2 range</a>
Brand	Davis Instruments
Country of Manufacture	United States
Contents	<ul style="list-style-type: none"><li>• Vantage Pro2 console/receiver, integrated sensor suite, and mounting hardware. Integrated sensor suite includes rain collector, temperature and humidity sensors, anemometer 12 m anemometer cable, and solar panel. Electronic components are housed in a weather-resistant shelter.</li><li>• Solar Radiation Sensor with its Sensor Mounting Shelf</li><li>• Wireless Soil Moisture / Temp station for transmitting 2 soil moisture sensors and temperature sensors</li><li>• Mounting Tripod</li></ul>
Explanation	<p>These rugged 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.</p> <p>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.</p> <p>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.</p> <p>This Turf Package comes complete with an additional transmitter for 2 soil moisture sensors and temperature sensors. The solar sensor is included in the package to provide Evapotranspiration readings.</p>
Ideal For	Professional, Agronomy

Indoor Unit	<ul style="list-style-type: none"> <li>• Wireless Console with large, 90 x 150 mm, backlit LCD screen.</li> <li>• Clear easy to use navigation keypad.</li> <li>• Barometric Pressure in the range 540-1100 hPa displays mb, hPa or in/mm Hg.</li> <li>• Indoor temperature in the range 0° to 60°C displays °C or °F.</li> <li>• Indoor humidity in the range to 0% to 100% RH.</li> <li>• Solar Radiation.</li> <li>• Current, Monthly and Yearly Evapotranspiration.</li> <li>• 12 / 24 hour clock with day / month date.</li> <li>• Moon phase displayed in quarters.</li> <li>• Local weather forecast icons tell you what to expect in the next 12-hours.</li> <li>• Current &amp; historic data or highs and lows for up to 24 days, months, or years.</li> <li>• Ticker tape at foot of screen shows expanded forecast and additional information on current conditions with more than 100 different messages.</li> <li>• Flip out table stand or wall mount.</li> </ul>
Batteries	3 x C cells required for Console
Power	Console UK 230V adapter included (EU 230V supplied to EU orders)
Outdoor Unit	<p>The Integrated Sensor Suite (ISS) includes the tipping bucket rain collector and the radiation shield for the temperature / humidity sensor. The tipping bucket mechanism records rain every 0.2mm and is chrome plated to reduce loss through evaporation. The solar sensor is mounted behind the rain gauge on its own shelf for clear view to the sky.</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> <p>The Soil / Temp Station is where the soil moisture and soil temperature sensors need to be located.</p>
Sensors	<ul style="list-style-type: none"> <li>• Wind Speed displayed in the range 2 to 150mph displayed in mph, knots, m/s or kph.</li> <li>• Wind Direction displayed in 16 points of the Compass Rose or 0° to 360°</li> <li>• Temperature in the range -40°C to +65°C displayed in °C or °F.</li> <li>• Relative Humidity in the range 0% to 100%.</li> <li>• Rainfall in mm or inches and rate in mm or inches per hour.</li> <li>• Calculated values for windchill, dew point and heat index.</li> <li>• Solar Radiation in the range of 0 to 1800W/m2 and Solar Energy in the range of 0 to 1999.9 Ly</li> <li>• Evapotranspiration is calculated in mm between 0 to 1999.99mm</li> <li>• Soil Moisture in the range of 0 to 200 cb</li> </ul>

Batteries	1 x LR123 lithium back up battery required per transmitter (not included). Ordinarily this should last 2-3 years.
Power	Solar powered
Software	<p>Can be connected to a PC with the USB Davis WeatherLink data logger and software. This will collect time stamped data from the console at intervals from 1 minute to 2 hours. See <a href="#">Davis WeatherLink</a> product page for more details.</p> <p>The <a href="#">Turf module</a> adds specialised reports to track the weather according to your needs not the calendar's. Included is evapotranspiration and soil temperature hours with user-entered thresholds and starting and ending dates. The module will also track and graph user entered irrigation values.</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, anemometer and Soil / Temp Station are supplied with U clamps to attach to the tripod included in this turf package. The U clamps are for a 45mm Ø pole. Coach screws are included for fixing to a post or wall. Larger U clamps can be used up to 65mm Ø. The Soil / Temp Station can be fixed in an alternative location to a suitable pole.</p> <p>For suggestions about installation please see our knowledgebase.</p> <p>Davis weather stations require very little maintenance and do not require regular recalibration.</p>



## Product Options

### WeatherLink Logger



#### WeatherLink 2.0 Windows Software & USB Data Logger

##### Access, store and graph your weather data with WeatherLink 2.0

Add the USB Data Logger to your Vantage Vue/Vantage Pro2 console or Weather Envoy, and view data on your PC with the WeatherLink Computer Software or online at WeatherLink.com and WeatherLink Mobile Apps (iOS and Android).

The logger fits neatly into the weather station console or Envoy, storing weather data even when it's not connected to your PC.

### Soil / Temp Station



#### Davis Wireless Leaf & Soil Moisture/Temperature Station (add sensors as required)

Ideal for growers; this solar-powered module includes transmitter and battery inside a weather-resistant shelter. Build the station that matches your needs; you can add sensors for soil moisture, soil/air/water temperature and leaf wetness.

### Soil Moisture Sensors



#### Davis Soil Moisture Sensor

- Watermark soil moisture sensor uses electrical resistance to measure the moisture level of the soil. Does not require periodic maintenance during the growing season. Simply bury at the desired depth, then monitor moisture levels throughout the season.
- The Soil Moisture Sensor must be connected via a Leaf & Soil Moisture/Temperature Station (DI-6345OV) (up to four sensors), or an EnviroMonitor Node.
- Includes 15' (4.6m) cable.

## Soil Temperature Sensors



### **Davis Air/Soil/Water Temperature Probe (Stainless Steel with Two-Wire Termination)**

Use with a Leaf & Soil Moisture/Temperature Station (up to four per station), or with an EnviroMonitor Node.

## Solar Sensor (for ET readings)



### **Davis Solar Radiation Sensor**

For use with Vantage Pro2 to measure solar radiation.

## Shelf for Solar Sensor



### **Davis Sensor Mounting Shelf for Additional Solar and UV Sensors**

Sensor mounting shelf for supporting solar and UV sensors.

## Mounting Tripod



### **Davis EZ-Mount Tripod**

Sturdy galvanized steel tripod assembly for mounting sensors.



WeatherLink Turf Module



**DISCONTINUED: WeatherLink Agri/Turf Module**

WeatherLink Agriculture & Turf Module for enhanced reporting. This item has a 2-3 week lead time.

Additional Options

**Optional WeatherLink Cloud Pro Subscription**

WeatherLink Pro (1 Year Subscription)

WeatherLink Pro (3 Year Subscription)

**Handheld Anemometer (to help you position weather station wind sensor in optimum location for maximum wind)**

Kestrel 1000 (Pro-quality, made in USA)