

weather station

Davis Vantage Pro2

affordable weather station

Davis Vantage Pro2

- measures and registers windspeed, windrichting, rain and air pressure, temperature and humidity
- tipping bucket rain collector with improved accuracy
- optional: ventilated sensor screen and radiation sensors
- wireless: radio range 300 meters line of sight
- weather resistant shelter houses the electronic components
- five disks radiation screen
- 6 models, wireless and cabled
- more sensors to connect
- PC software and website connection optional

The Vantage Pro2 is a sophisticated, affordable personal weather stations available today. The VantagePro2 has all features that made the original Vantage Pro famous, even the same affordable price. The Vantage Pro2 is available in 6 models, in both wireless and cabled versions.

The Vantage Pro2 is the first and only station in this price range to use frequency hopping spread spectrum radio technology to transmit weather data. Over 3 times the transmission distance, improved reception through multiple walls and greater immunity from RF interference. The wireless Vantage Pro2 transmit and receive data up to **300 meters line of sight**. De Vantage Pro2 has a new **tipping bucket** in the rain collector. This aluminium plated tipping bucket is corrosion resistant and laser calibrated for higher accuracy. The **integrated sensor suite** (ISS) is revised to get more capacity out of the chips. For improved accuracy, temperature and humidity sensors are housed inside a **radiation shield**. The shield protects against solar radiation and other sources of radiated and reflected heat. To improve the accuracy of the temperature, there's a fifth disk added to the radiation shield.



technical specifications

barometric pressure	880..1080 hPa
inside humidity	10..90 %RH
outside humidity	0..100 %RH
dew point	-76..+54 °C
rainfall	999,9 mm/day
rain collector	per 0,2 mm
	also monitoring of rain fall per month and year
inside temperature	0..+60 °C
outside temperature	-40..+60 °C
heat index	-40..+57 °C
time	24 hours
date	day/month
wind direction	0..360 °
compass rose	16 points
wind speed	1..54 m/s
wind chill	-84..+54 °C

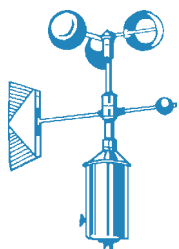
- alarms for multiple functions simultaneously
- graphs last 24 hours, days, months of readings or highs and lows. Not only with PC, but view over 80 graphs on the console
- display of eight phases of the moon
- view of forecasts through recorded

Various options e.g.:

- extension of parameters (e.g. UV- and radiation sensor)
- tripod
- software for PC (Windows or MAC) and linking to your own website is possible
- repeaters (wireless)



rain measurement according to the guidelines
conversion kit 7440-WV with bracket
to position the rain collector on the ground



ingenieursbureau **wittich & visser**

scientific and meteorological instruments

handelskade 76 po box 1111 tel. +31 70 3070706 www.wittich.nl
2288 bg rijswijk 2280 cc rijswijk fax +31 70 3070938 info@wittich.nl
the netherlands the netherlands

made to measure