



The Anemometer Transmitter Kit for Wireless Vantage Pro2™ allows you to place the anemometer, included with your Integrated Sensor Suite (ISS), anywhere within range of your Vantage Pro2 console. The anemometer transmitter communicates directly with your wireless Vantage Pro2 console/receiver over any one of eight user-selectable ID codes. The transmitter kit is solar-powered with a battery backup and has a transmitting range of between 200' to 1000' (75 to 300 m) depending upon the environment.

General

Operating Temperature	-40° to +150° F (-40° to +65° C)
Storage Temperature	-50° to +158° F (-45° to +70° C)
Supply Power	0.14 mA (average), 30 mA (peak) (from external power source)
Battery	CR123A 3-Volt Lithium cell
Battery Life	8 months without sunlight - greater than 2 years depending on solar charging
Solar Panel	0.5 Watts
Connector	Modular RJ-11
Housing Material	UV-resistant PVC plastic
Dimensions (length x width x height)	6.25" x 2.25" x 7.875" (159 mm x 58 mm x 200 mm)
Weight	1.04 lb. (.48 kg)

Wireless Communications

Transmit/Receive Frequency	US Models: 902-928 MHz FHSS, Overseas Models: 868.0 - 868.6 MHz FHSS
ID Codes Available	8
Output Power	902-928 MHz FHSS: FCC-certified low power, less than 8 mW, no license required 868.0 - 868.6 MHz FHSS. CE-certified, less than 8 mW, no license required
Range	
Line of Sight	up to 1000 feet (300 m)
Through Walls	200 to 400 feet (75 to 150 m)

Sensor Output

Wind Direction

Display Resolution	16 points (22.5°) on compass rose, 1° in numeric display
Accuracy	±4°
Update Interval	2.5 seconds

Vantage Pro2™ Accessories**Wind Speed**

Resolution and Units	Measured in 1 mph. Other units are converted from mph and rounded to nearest 1 km/h, 0.1 m/s, or 1 knot
Range (large wind cups, included)	2 to 150 mph, 2 to 130 knots, 1 to 67 m/s, 3 to 241 km/h
Range (small wind cups; optional, not included)	3 to 175 mph, 3 to 150 knots, 1.5 to 79 m/s, 5 to 282 km/h
Update Interval	Instant Reading: 2.5 seconds, 10-minute Average: 1 minute
Accuracy (large wind cups, included)	±2 mph (2 kts, 3 km/h, 1 m/s) or ±5%, whichever is greater
Accuracy (small wind cups; optional, not included)	±3 mph (3 kts, 5 km/h, 1.5 m/s) or ±5%, whichever is greater
Maximum Cable Length	240' (73 m). Maximum wind speed reading decreases as length of cable from Anemometer to ISS increases. At 140' (42 m), maximum speed is 135 mph (60 m/s). At 240', the maximum is 100 mph.
Alarms	High Thresholds from Instant Reading and 10-minute

Package Dimensions

Product #	Package Dimensions (Length x Width x Height)	Package Weight	UPC Codes
6332	12.0" x 7.00" x 3.0" (299 mm x 177 mm x 76 mm)	1.9 lbs. (0.9 kg)	011698 00739 4
6332OV			011698 00740 0