

Wireless Temperature Station



6372

VANTAGE PRO2

The Wireless Temperature Station for Wireless Vantage Pro2™ allows you to place an extra temperature sensor anywhere within transmission range of your wireless Vantage Pro2 console. The temperature station communicates directly to your Vantage Pro2 console/receiver over any one of eight user-selectable ID codes, and has a transmitting range of between 200' to 100' (75 to 300 m) depending upon the environment. The temperature sensor is a precision thermistor that produces a resistance change proportional to temperature. It is battery powered.

Please refer to the WeatherLink for Vantage Pro2 Spec Sheet for optional data logging and charting capabilities available for this product.

Specifications

General

Operating Temperature	-40° to +150°F (-40° to +65°C)
Non-operating Temperature	-50° to +158°F (-45° to +70°C)
Sensor Type	Thermistor
Current Draw	0.14 mA (average), 30 mA (peak) at 4 to 6 VDC power
Battery	CR123A 3-Volt Lithium cell
Battery Life	8 months without sunlight - greater than 2 years depending on solar charging
Housing Material	UV-resistant PVC plastic
Dimensions	6.25" x 2.25" x 7.875" (158.75 mm x 57.15 mm x 200 mm)
Weight	1.06 lb. (.49 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

Outside Temperature (Air)	
Resolution and Units	1°F or 1°C (user-selectable)
Range	-40° to +150°F (-40° to +65°C)
Sensor Accuracy	±1°F (±0.5°C) under 110°F (43°C), ±2°F (±1°C) over 110°F (43°C) (See Chart)
Update Interval	10 to 12 seconds
Data	Instant Reading (user adjustable)
Alarms	High and Low Thresholds from Instant Reading

Temperature Charts

