

Vantage Vue

integrated sensor suite (ISS)



SENSORS

Vantage Vue ISS

art.no. **63570V**

Wireless integrated sensor suite (ISS) combining a rain collector, temperature and humidity sensor and anemometer all into one system. The Vantage Vue can also be customized by adding additional displaying and controlling consoles or by choosing special options.

scope of delivery:

- integrated sensor suite (ISS) with rain collector, temperature and humidity sensor and anemometer (passive shield)
- transmitter (in weather-resistant shelter), distance range is up to 300 m outdoors, at free sight.
- mounting hardware

wind speed	meas range:	1.0 m/s to 80.0 m/s or 1 km/h to 320 km/h
	resolution:	0.1 m/s or 1 km/h
	accuracy:	±5 %
	wind speed can optionally be displayed in meters/second (m/s), kilometers/hour (km/h), miles/hour (mph) or knots	
wind development in connection with WeatherLink only		
wind direction	meas. range:	0° to 360°
	resolution:	1° on numeric display, 22.5° on compass rose
	accuracy:	±3°
outdoor temperature	meas. range:	-40.0°C to +65.0°C
	resolution:	0.1°C
	accuracy:	±0.5°C
	optional indication in °F	
wind chill (calculated value: difference between measured and felt temperature on base of wind speed)	meas. range:	-79°C to +57°C
	resolution:	1°C
	accuracy:	±1°C
	optional indication in °F	
heat index (outdoors) (calculated value: felt temperature based on air temperature and relative air humidity)	meas. range:	-40°C to +74°C
	resolution:	1°C
	accuracy:	±1.5°C
	optional indication in °F	

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relative humidity (outdoors)	meas. range:	1 % to 100 %
	resolution:	1 %
	accuracy:	±3 %
dewpoint (outdoors)	meas. range:	-76°C to +54°C
	resolution:	1°C
	accuracy:	±1.5°C
	optional indication in °F	
precipitation	rainfall	
	meas. range:	0.0 mm to 6,553.0 mm
	resolution:	0.2 mm
	accuracy:	±4 %
	rate of rainfall	
	meas. range:	0.0 mm/h to 1,016.0 mm/h
	resolution:	0.1 mm/h
	accuracy:	±5 % ≤127 mm/h
precipitation can be indicated optionally in inch (in) or millimeter (mm) respectively in inches/hour (in/h) or millimeters/hour (mm/h)		
cooling / heating degree-days	meas. range:	unlimited
	resolution:	0.1 degree-day
wireless communications	transmitting/receiving frequency:	US models: 902-928 MHz FHSS European models: 868.0-868.6 MHz FHSS.
	ID codes available:	8
	output power:	US models: less than 8 mW, no license required (FCC-certified) European models: less than 8 mW, no license required (CE-certified)
	distance range:	up to 300 m (at free sight)
general information	ISS	
	dimensions (L x W x D):	329 mm x 340 mm x 146 mm
	weight:	approx. 2.47 kg
	housing material:	UV-resistant ABS & ASA plastic
	current draw:	0.20 mA (average), 30 mA (peak) at 3.3 VDC
	solar power panel:	0.5 Watts
	batteries:	CR-123 3-Volt lithium cell
	battery life:	approx. 8 months without sunlight - more than 2 years depending on solar charging
	permissible operating temperature:	-40°C to +65°C

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