

Vantage Pro2 Weather Envoy

wireless receiving & transmitting unit



ACCESSORIES

Vantage Pro2 Weather Envoy

art.no. **6316EU**

Wireless Envoy unit receiving weather data from an integrated Vantage Pro2 sensor suite or a special station and transmitting it to a computer. Thus, no console is required for visualization, but the WeatherLink data logger and the software package. Weather Envoy can also be operated by means of a variety of different sensors. Moreover it can be connected with a console to extend the range of the station. The unit contains a barometer and indoor temperature and humidity sensor.

scope of delivery:

- wireless Envoy unit with AC-power adapter (power supply 220 V/50 Hz); wireless unit may also be run using three AA batteries.
- integrated barometer, indoor temperature and humidity sensors
- Transmitter and receiver in the Envoy unit; distance range is up to 300 m outdoors, at free sight; ability to receive data from more than one transmitter.

indoor temperature	meas. range:	0.0°C bis +60.0°C
	resolution:	0.1°C
	accuracy:	±0.5°C
	optionally in °F	
barometric pressure	meas. range:	410.0 mmHg to 820.0 mmHg or 540.0 mbar (hPa) to 1,100.0 mbar (hPa)
	resolution:	0.1 mmHg 0.1 mbar (hPa)
	accuracy:	±0.8 mmHg ±1.0 mbar (hPa)
	air pressure can optionally be transmittd in inch (in), millimeters mercury (mmHg), millibar (mbar) or hectopascal (hPa)	
	transmission of air pressure tendency: transmits the current air pressure tendency of the past three hours	
relative humidity (indoors)	meas. range:	1 % to 100 %
	resolution:	1 %
	accuracy:	±3 %
time and date	resolution:	1 minute (time) 1 day/month (date)
	accuracy:	±8 seconds/month
	time: 12 or 24 hour format	
	date: „day/month“ or „month/day“ format	

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wireless communication	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	dimensions (L x W x D):	165 mm x 95 mm x 38 mm
	weight:	approx. 0.26 kg
	housing material:	UV-resistant PVC plastic
	current draw:	0.90 mA (average), 20 mA (peak), (plus 0.125 mA for each optional wireless transmitter in use) at 4 to 6 VDC
	AC power adapter:	5 VDC, 200 mA, regulated
	batteries:	3 AA-cells
	battery life:	up to 6 months
	permissible operating temperature:	-10°C to +60°C
connectors:	modular RJ-11	

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