

North American Exclusive

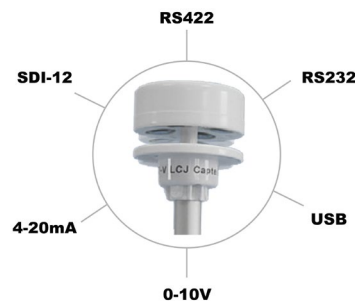
Land-based Ultrasonic Wind Sensor Marine models also available

Versatile, compact and maintenance-free, this patented ultrasonic anemometer has no moving parts, greatly increasing reliability while allowing accurate measurement of even the slightest wind.

Produced with Marine grade strength and durability using corrosion free materials; a natural fit for operation in harsh & extreme environments. Prior to shipment, each ultrasonic wind sensor is fully wind tunnel and environmental chamber tested and calibrated, ensuring accurate wind measurement over a wide operating range.

The CV7-V/L models come standard with 2Hz speed. The CV7-EL/E 4Hz high speed models are for applications that require a higher accuracy via a higher data sampling rate.

The sensor is available in an unmatched variety of output options, providing compatibility with endless applications. All models excluding the Sonic-SDI come standard with the Serial RS422/RS232 bus using the well-known NMEA 0183 output protocol. USB, 0-10V and 4-20mA analog connectivity available via external add-on unit.



Just some of the many wind sensor applications:

- Agriculture
- Renewable energy/Wind Turbines & PV Solar
- Building/industry automation
- Environmental
- Utility companies
- Transport
- Disaster Fire/Pollution
- Crane & Tent applications
- Marine
- Fountain operation
- Stage management

ULTRASONIC
WIND SENSOR
LCJ CAPTEURS

The CV7-V is the standard ultrasonic wind sensor. It is compact, light weight with minimal energy consumption.

- 2Hz - updates 2x per second

CV7 -V 82' cable Comes with free configuration software.	Available individually with optional USB, 0-10v, or 4-20mA connectivity kits or as complete discounted sensor/USB connection package.
CV7-L 16' Cable Comes with free configuration software.	Available individually with optional USB, 0-10v, or 4-20mA connectivity kits or as complete discounted sensor/USB connection package.
CV7 - OEM	Contact you sales rep. for more info.

The CV7-E is the high-speed version ultrasonic wind sensor.

- 4Hz - updates 4x per second.

CV7 - E 82' cable Comes with free configuration software.	Available individually with optional USB, 0-10v, or 4-20mA connectivity kits or as complete discounted sensor/USB connection package.
CV7-EL 16' cable Comes with free configuration software.	Available individually with optional USB, 0-10v, or 4-20mA connectivitykits or as complete discounted sensor/USB connection package.

The Sonic-SDI, configured to work with a SDI-12 data logger.

- Updates 2x per second.

Wind speed range	0.25-45 m/s (0.56-100 MPH)
Wind speed resolution	0.1 m/s (0.22 MPH)
Wind speed sensitivity Independent of weather conditions	0.13 m/s (0.29 MPH)
Wind direction range	0-359 °
Wind direction resolution	1°
Wind direction sensitivity	+/- 1 °
Power requirement	3 V to 35 V DC - SDI 8V - 33V DC - CV7-V/L/E/EL
Power consumption average	9mA - CV7-V/L/E/EL 2.9 mA - SDI
Boot up delay	4 sec - CV7-V/L/E/EL/ 8 sec - SDI
Dimensions / Sensor	Cylinder Ø 64 mm - height 61 mm
Cable	25 m (82') CV7-V, CV7-E, SDI 5m (16') CV7-L, CV7- EL
Arm	Aluminum, 300 mm
Cable's weight	20 gr/m
Weight / Sensor + arm and base	200 gr
Weight / Sensor	100 gr

