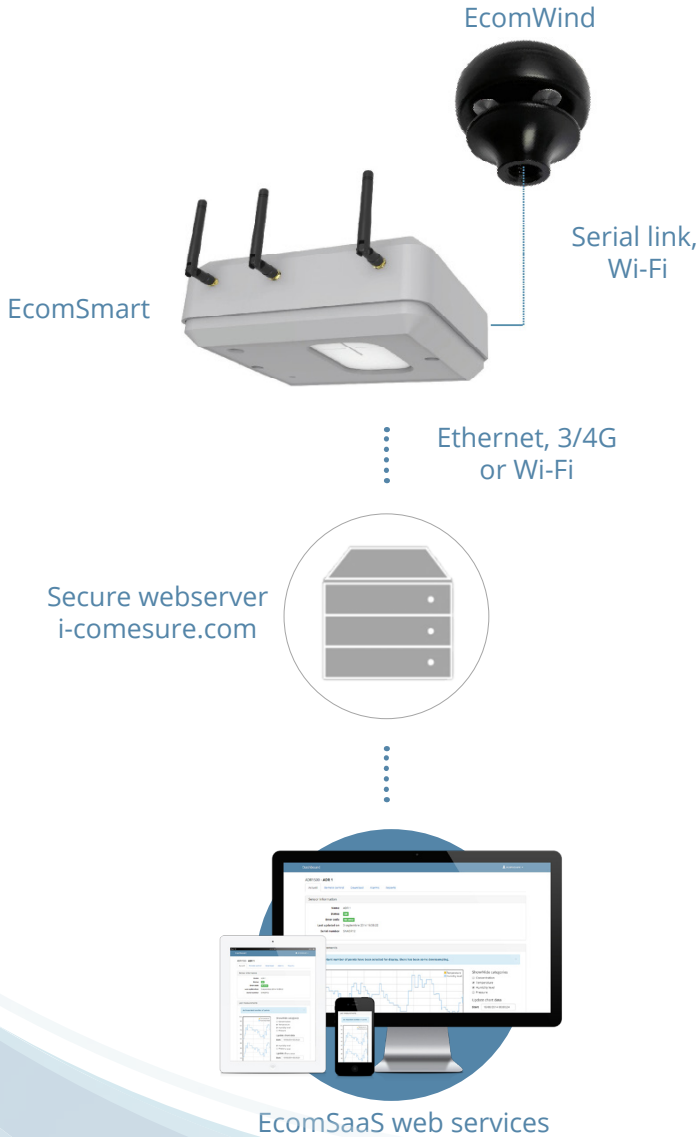


ECOMWIND

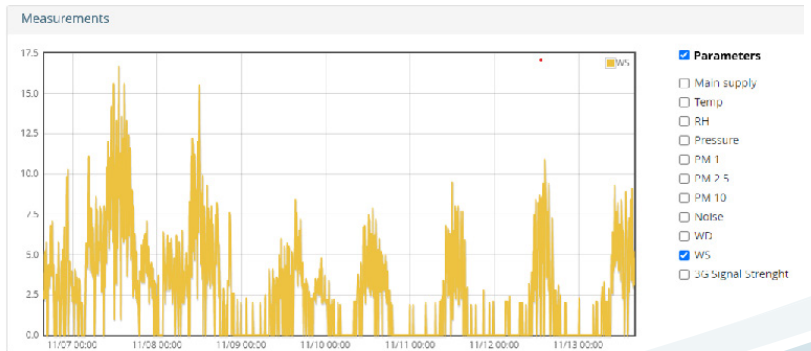
WIND SPEED AND WIND DIRECTION SENSOR



Ecomesure offers an ultrasonic wind speed and wind direction sensor. It is a compact and efficient sensor that can be easily integrated into the environmental data web platform www.i-comesure.com.

EcomWind automatically connects to the web platform for real-time data monitoring and sensors remote control.

Main supply % 	Temp 17.380 deg C	RH 56.425 %	Pressure 997.607 mbar	PM 1 3.400 ug/m3	PM 2.5 4.440 ug/m3	PM 10 20.420 ug/m3
WD 352.000 deg	WS 7.100 knots	Noise 44.900 dB				



+ BENEFITS

- + Continuous and real time measurements 24h/7 days a week
- + Compatibility with the EcomSmart (ambient air)
- + Alerts by e-mail and SMS
- + Easy to install and use
- + Centralized data on www.i-comesure.com

+ APPLICATIONS

- + Weather forecasts
- + Maritime shipping
- + Air transports
- + Building safety
- + Industrial dust

ECOMWIND

ECOMWIND
SPECIFICATIONS

Sensor type	Ultrason anemometer wind vane	
Speed	Range: 0 à 25 m/s	Accuracy: ± 0.1 m/s at 10m/s
Direction	Range: 0 à 360°	Accuracy: $\pm 1^\circ$
Output units	m/s, Knots, Km/h	
Access to web services	https://www.i-comesure.com Secured by password and SSL certificate	
Web services	Mapping Data real time display Multi-display mode (index and scientific) Device status Device remote control Data storage Data downloading (direct download in xlsx, csv, sending by FTP protocol) Alerts/alarms by SMS and/or E-mail Data operating & analytics reports - access Virtual Integrated Devices (VID) Data ciphering API link Database export Data logger	
Dimensions	Diameter : 70 mm Height: 57 mm Cable length : 2m, 20m or other	
Unit Weight	130 grams	
Connectivity	Bluetooth 4.1 NMEA0183 (RS422, RS485) WIFI b/g/n (hotspot and infrastructure)	
Power supply	VCC 5V - 24V	
Consumption	0.4 mA at 38400 bauds, 1Hz (5V)	
Water resistance	Do not immerse (partially or completely)	
Coverage	Clear area of 50m	
Operating temperature	-15° à 60° (Do not work if freezing)	
Electrical Standards	CE Class B	



Typical application : air quality and wind monitoring