

ECOMSONO

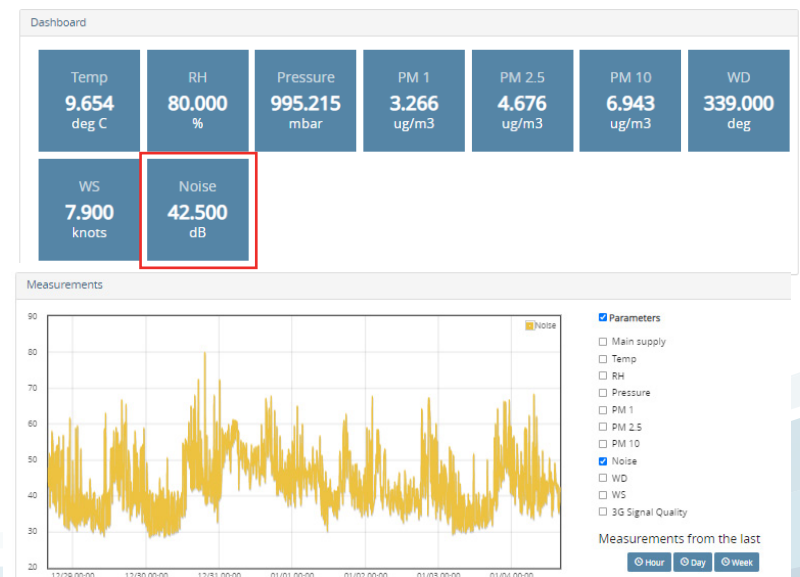
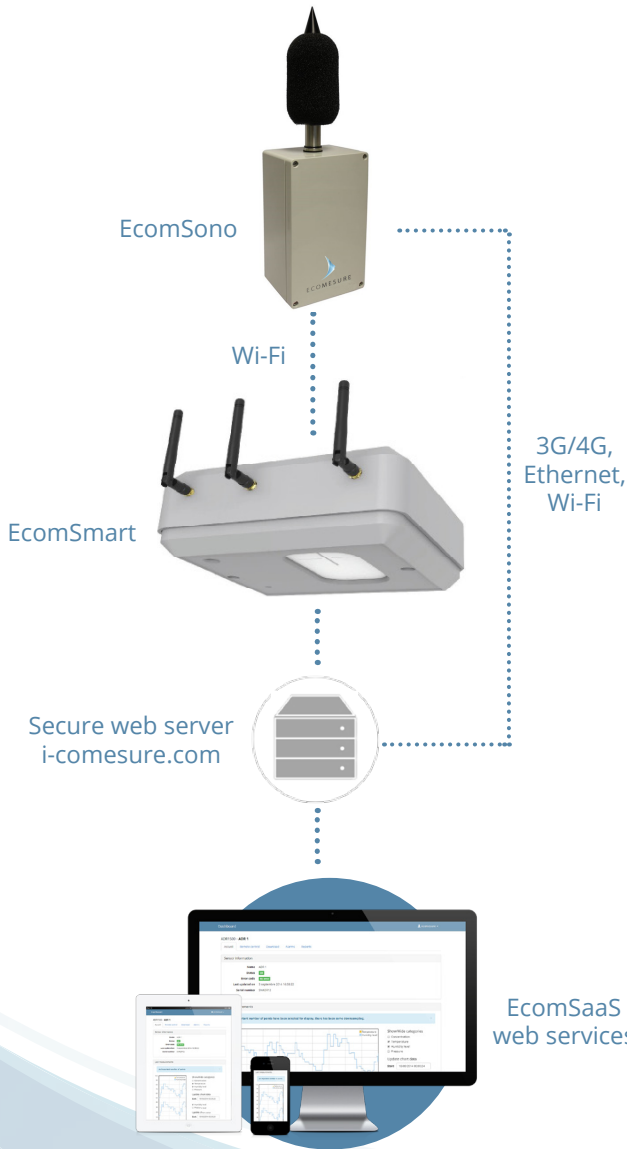
NOISE SENSOR



Noise is a frequently occurring nuisance, mainly produced by road and air traffic, industrial activities and construction sites. Assessing the duration and intensity of noise pollution as well as the residual noise level is fundamental.

The EcomSono is a conventional class 1 sound level meter. It measures different noise levels in both quiet and noisy environments. It offers great accuracy and reliability in acoustic measurements. It is very easy to install and requires minimal annual maintenance.

The EcomSono automatically uploads this data to i-comesure web platform in real time. All data management services are available 24/7.



+ BENEFITS

- + Compliant with IEC 61672-1
- + Continuous measurements 24/7
- + Compatibility with EcomSmart
- + Centralized data on <https://i-comesure.com>
- + Alerts by email and SMS

+ APPLICATIONS

- + Urban areas, smart cities
- + Road and port infrastructures
- + Industrial activities
- + Construction sites
- + Events - concerts and festivals

ECOMSONO

TECHNICAL
SPECIFICATIONS

Detector	Equivalent continuous sound level and Fast and Slow time weighted sound level.
Frequency weighting	A or C setting
Measured fonction	Equivalent level with frequency weighting A or C with programable integration time from 1s to 60min
Resolution	0.1 dB
Accuracy	Class 1 according to IEC 61672-1
Measurement range	From 28 to 120 dBA, from 35 to 120 dBC
Linearity range at 1 kHz	From 35 to 120 dBA, from 42 to 120 dBC
Acoustic verification	Acoustic calibrator (IEC 60942)
Microphone	½" condenser microphone. Polarization 0 V
Access to web services	https://i-comesure.com Secure by password and SSL certificate
Web services	Mapping Multi-mode data display Device status Device remote control Data storage Data downloading Configurable alerts/alarms Data analytics reports Virtual Integrated Devices (VID) Data encryption API Database export Data logger
Dimensions	395 x 120 x 91 mm
Weight	960g without battery, 1150g with battery.
Connectivity	Ethernet (RJ45). Options: 3G/GPRS, Wi-Fi.
Power supply	100 / 240 V ~ 0.6 A 50 / 60 Hz PoE (Power over Ethernet) 12 VDC EcomSono or EcomSmart Input
Protection	IP65
Operating conditions	From -10 to +50°C

Typical application: air quality and noise monitoring

