NoiseMeters

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EM2030 Online Noise Monitor

Features

- IEC 61672 Class 1 Noise Monitor
- Automated noise measurement
- Cloud based reporting
- Scalable - one or many monitors
- Alerts by email and SMS
- Audio capture option
- 1/3 octave band filter option

Applications

- Industrial and construction sites
- Boundary noise monitoring
- Environmental noise surveys
- Entertainment and live music events
- Suitable for both short and long term projects

EM2030 Noise Monitor

The EM2030 is best described as an "online" noise monitor. It connects to the Internet over the mobile phone network, regularly uploading its noise measurements to the cloud. You can view the noise reports and control the functions of the noise monitor from a web browser. The advantages of this approach are that you don't have to install any software, can access the reports from anywhere with an Internet connection and can easily share the results.

Meeting IEC 61672 to Class 1, the EM2030 measures the sound levels and produces noise reports to the highest standard required by environmental noise regulations and local guidelines.

For indoor or outdoor noise monitoring it can be mounted on a wall using the hardware included or on a mast using the optional "pole mount". You can also mix this noise monitor with the EM2030/P portable noise monitor, connected to the same reporting system.

What is Included?

Our order code **EM2030/G** includes everything needed for most installations:

- EM2030 Noise Monitor
- Weatherproof enclosure
- Outdoor microphone
- 1m microphone mast
- Wall mounting hardware
- 1 year data contract

The EM2030 noise monitor comes pre-installed inside the weatherproof enclosure. We recommend the use of the enclosure for indoor installations too.

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Specifications

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Standards	IEC 61672 Class 1 and ANSI S1.4 Type 1
Mic. Sensitivity	50mV/pa
Mic. Power Supply	Constant current ICP
Mic. Connection	BNC to BNC
Frequency Weighting	A-weighting and C-weighting
Frequency Range	20Hz to 20kHz
	16 to 121 dB(A)
Parameters	Leq, L5, L10, L50, L90, L95, Lmax
Measurement Periods	1, 5, 10, 15 or 30 minutes
Data Storage	5 year (at 5 minute logging)
Enclosure	IP65 die-cast aluminium inner IP65 polycarbonate outer enclosure
Dimensions	110 x 140 x 60 mm inner enclosure 300 x 200 x 150 mm outer enclosure
Power	110V to 240V AC
Operating Temperature	-10°C to 50°C
Humidity	0 to 95%
Communications	802.11b/g Wi-Fi and 3G/4G cellular

Computer Requirements

As the data handling and report generation is handled by a web server, the computer requirements are very basic. To view the reports online you need the following:

- Access to the Internet (only low bandwidth needed)
- Web Browser - Explorer, Firefox, Chrome, Safari - other standard browsers should work

If you want to download the measurements and work with them locally we recommend using Excel or similar spreadsheet. The files are simple CSV text files that will load into many different applications.

Head Office

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Web Sites

Main site:
https://www.noisemeters.ca

Product shortcut:
https://www.noisemeters.ca/p/em2030/g/

Tech Support:
https://support.noisemeters.com