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.

NoiseMeters

EM2030 Online Noise Monitor

Specifications

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Standards IEC 61672 Class 1 and ANSI

S1.4 Type 1

50mV/pa

Mic. Sensitivity

Mic. Power Constant current ICP

Supply

Mic. BNC to BNC

Connection

Frequency A-weighting and C-weighting

Weighting

Frequency 20Hz to 20kHz

Range

16 to 121 dB(A)

Parameters Leq, L5, L10, L50, L90, L95,

Lmax

Measurement

1, 5, 10, 15 or 30 minutes

Periods

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 -10°C to 50°C

Temperature

Humidity 0 to 95%

Communicatio

802.11b/g Wi-Fi and 3G/4G

ns 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.

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Web Sites

Main site:

https://au.noisemeters.com

Product shortcut:

https://au.noisemeters.com/p/em2030/g/

Tech Support:

https://support.noisemeters.com