

EM2030P Portable Online Noise Monitor



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The EM2030P is a portable environmental noise monitor that can be easily relocated and left unattended in poor weather conditions. It is enclosed in a weatherproof case and includes an outdoor microphone that can be mounted on a standard tripod (option **CT3** if you don't already have one). The monitor connects to the Internet over the mobile phone network, uploading its noise measurements to the cloud server. You just need a web browser and Internet connection to view the noise reports and configure the monitor.

As the EM2030P meets the ANSI S1.4 to Type 1, the sound levels are measured to the highest standard required by environmental noise regulations and local guidelines.

Longer Term Noise Monitoring?

If you are monitoring at a single location then you may prefer the EM2030 Online Noise Monitor, which includes an extra weatherproof case and installation materials for mounting it more permanently.

Features

- Quick and easy to deploy
- Connection to Internet over mobile phone network
- Automated measurement and cloud based reporting
- ANSI S1.4 Type 1 Noise Monitor
- Connection and 1 year contract included
- Email and SMS alerts
- Optional battery pack for 10-day operation
- Audio capture and 1/3 octave band options

Applications

- Construction site and boundary noise monitoring
- Mixed industrial and residential areas
- Road and rail noise
- Airstrips, airfields and small airports
- Entertainment and music events

What is Included?

Our order code **EM2030P/G** includes the following:

- EM2030 Noise Monitor
- Portable weatherproof enclosure
- Outdoor microphone
- 1 year data contract

Power Requirements

This basic version of the EM2030P is intended for use in areas where power is available (110V to 240V AC). For use where power is not available you will also need the **EMBP2786** battery pack.

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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)
Weatherproof Case	15" x 12" x 6"
Weight	7 lb
Power	110V to 240V AC to charger 12V to noise monitor
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

NoiseMeters Inc
3233 Coolidge Hwy
Berkley
MI 48072
USA

Telephone **888 206 4377**
Fax **888 584 2230**

Email: **info@noisemeters.com**
Support: **support@noisemeters.com**

Web Sites

Main site:
<https://www.noisemeters.com>

Product shortcut:
<https://www.noisemeters.com/p/em2030p/g/>

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