

SONITUS EM2030 NOISE MONITOR

The EM2030 is a fully automated, remote sound level monitor. The unit is designed for simple operation and reliability in tough environments. The EM2030 is the latest in our series of real-time automated noise monitoring systems.

With an extended measurement range and automatic audio capture options, the EM2030 provides a reliable measurement system for all environmental and industrial applications.

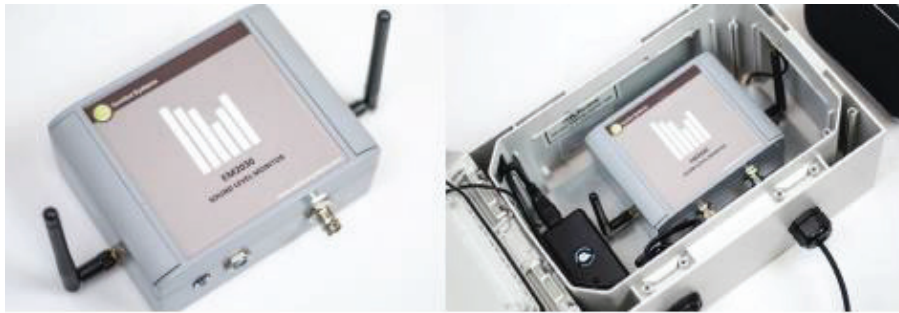
The EM2030 kit consists of a rugged measurement unit, weatherproof outdoor microphone, a microphone mounting stand and cable and a mains power supply.



All data is uploaded directly to the Sonitus Cloud (or any other cloud service); the secure online platform where you can access all the activity from your monitor(s).

When the audio capture option is enabled users can now take advantage of the ANI feature - Automated Noise Identification. ANI uses AWS to automatically identify noise breaches and will label them accordingly on the Sonitus Cloud; allowing users to easily see which breaches need action and which don't.





SOUND LEVEL MEASUREMENT

Accuracy : IEC 61672 Class 1

Dynamic Range : 17 to 121dB(A)

Frequency Range : 20Hz to 20kHz

Frequency Weighting : A and C weighting Parameters: LEQ, LO5, L10, L50, L90, L95, LMAX

Measurement Period: 1, 5, 10, 15 or 30 minutes

Data Storage: 5 years (5 minute logging)

Procedure: Automatic measurement and logging

INTERFACE

The EM2030 and online interface are accessed using any standard web browser

POWER REQUIREMENTS

Power Input: 110V-240V AC

Power Consumption: 8 - 16V DC (battery option)

Maximum Current: 2.4W

Battery Options: 40Ah up to 7-10 days

COMMUNICATIONS

Wi-Fi (user interface)

4G SIM Card supplied with each monitor

MICROPHONE

Sensitivity: 50mV/Pa

Connection: BNC to BNC (3m cable as standard)

Power Supply: Constant current ICP, 18V 4mA

Extra Options:

Audio recording: Identifying sound sources with direct playback from web browser and ANI - Automated Noise Identification. Identify breaches and automatically labels them

1/3 octaves

Lithium battery packs

