



CAMPBELL ASSOCIATES
SOUND, VIBRATION & AIR SOLUTIONS

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.

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, a secure online platform where users can access all environmental monitoring data. Units with the audio capture options enabled can take advantage of ANI - Automated Noise Identification.

ANI automatically listens to, identifies & then categorises noise breach recordings. At a glance users will easily see if a noise breach was caused by construction or factory tools or by outside sources such as vehicles, train stations or natural sounds.



SECURE AND
SAFE



SET USER
PERMISSIONS



SMS & EMAIL
ALERTS



CLASS 1 SOUND
LEVEL METER



AUDIO CAPTURE
OPTION



CLEAN ENERGY
POWER OPTIONS



CONTACT US TODAY

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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 - 16W DC (battery option)

Maximum Current: 2.4W

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

1/3 octaves

Lithium battery packs



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