

# EM2030

## SOUND LEVEL MONITOR



Automated operation with online analysis and extended measurement range



Rugged design with consistent performance in all (weather) conditions



Remote online reporting through the Sonitus Cloud. Check compliance via automatic limits, from anywhere at anytime



Frequency analysis tools for detailed sound source investigation



Audio capture clips to identify noise source



Mains, battery and solar power options



Ready to deploy on any site with minimum maintenance needed



Plug & Play



## CALIBRATION & SERVICE

### CALIBRATION

- Calibration to IEC 61672 Standard.
- Calibration is recommended every 2 years.
- Every device is calibrated in our laboratory to the relevant international standards. Sonitus also works with a network of calibration partners around the world to ensure that customers receive local service.

### ADD DUST

- Combine the EM2030 with our DM30 Dustsensors. One solution for all monitoring projects that will save time, money and space.



**ALL REAL TIME DATA IS REPORTED THROUGH THE SONITUS CLOUD WITH NO INTERACTION ON OUR SECURE SERVERS IN IRELAND.**



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# EM2030 SPECIFICATIONS

## SOUND LEVEL MONITOR

### Sound Level Measurement

**Accuracy:** IEC 61672 Class 1

**Dynamic Range:** 17 to 121 dB(A)

**Frequency Range:** 20Hz to 20kHz

**Frequency Weighting:** A and C weighting

### Logging

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

**Data Storage:** 5 years (5 minute logging)

**Procedure:** automatic measurement and logging

### Microphone

**Sensitivity:** 50V/Pa

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

**Power Supply:** Constant current ICP, 18V, 4mA

### Options

**Audio Capture**

**Frequency Analysis**

**Microphone heater (dehumidifier)**

### Power Requirements

**Input:** 110v - 240v AC

**Consumption:** 8 - 16V DC (Battery option)

**Maximum Current:** 2.4V

### Communications

**Wi-Fi** (user interface)

**4G SIM Card:** Supplied with each monitor

