SONICU™

Monitoring. Measured.

Sound Indicating Meter

Sonicu's patented Sound Indicating Meter (SIM) is the industry-leading sound monitor that provides constant, precise data to reduce undesirable noise and improve patient satisfaction and safety.

SONICU SOLUTION

Sonicu SIMs are the leading edge of Sonicu's Sound Management Program. Small and unobtrusive, SIMs deploy easily with plug-and-play capability, providing instant, real-time sound data from the moment they are mounted.

SIMs do more than just capture decibel levels. They provide a constant sonic picture of the overall sound environment with context and clarity for data-driven management and decision making.

An array of multiple SIMs can form a sound-sensing net throughout an entire enterprise that transmits system-wide sound data to a cloud-based software platform directly by Wi-Fi or, alternatively, by radio signal to a gateway, which then sends to the cloud via 4G cellular or Ethernet. Custom dashboards allow sound to be seen in real time and Sound Target Achievement Reports chart sound-reduction progress.

Sonicu's flexible data transmission capabilities allow the Sound Management Program to operate independently of existing IT systems.
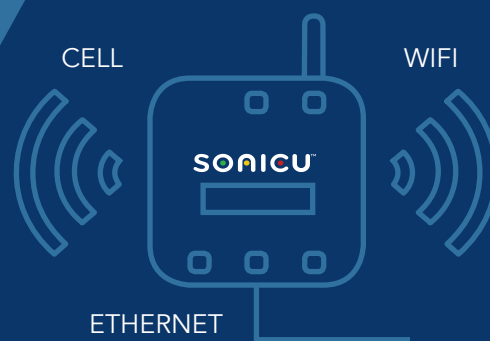
SIM design includes industry-leading battery life and onboard memory that virtually eliminate data loss due to power outage or other interruption.

OUR ADVANTAGES

- Digital technology accurately measures noise levels every second, pinpointing troublesome sound sources.
- Constant, seamless 24/7 system-wide sound monitoring enables a data-driven approach to sound management.
- Pairs with auto-generated Sound Target Achievement Reports to show peak sound levels and rolling averages over five-minute durations.
- Direct-to-cloud transmission requires no additional hardware or software.
- Fully configured, easy to deploy and completely scalable.
- Lighting options range from stealth to alarm modes.
- Unlit stealth mode discreetly monitors and logs sound data; visual, color-coded alarming additionally motivates instant behavior modification.

APPLICATIONS & INDUSTRIES

Sonicu Sound Indicating Meters provide constant, 24/7 sound monitoring with real-time views and comprehensive management reports to improve sound for Healthcare HCAHPS improvement, NICUs, ICUs, Industrial and Facility monitoring.

CELL

WIFI

SONICU™

ETHERNET

Sonicu provides access, alarming and archiving 24/7/365 via any internet-enabled device.

Specifications

Mic	Internal or External
Sound Range	Low: 35 dBA; High: 100 dBA
Sampling Rate	SPL data collected every second; batch transmitted to cloud every 15 seconds.
Radio Options	900 MHz meshing WiFi
Transmission Distance	Open-air, direct line of sight between SIM and receiver. Recommended maximum distance: WiFi – up to 100 feet; 900 MHz – up to 1,000 feet. (Actual distance will depend on obstructions between SIM and receiver. Walls, doors and building layout can affect maximum distances.)
Power	12-volt DC, 1 A Pluggable wall adapter or power module
Mounting	Ceiling/Acoustic tile Hook and Loop (Velcro)
Configurable LED Settings	Normal (red, yellow, green) Warning (red, yellow) None (All LEDs off)
Dimensions	3.9" x 3.9" x 2.1" Weight: 4.6 oz.

Any Department. **Any** Application. **One** Choice.

100033	900 MHz SIM External Mic
101105	900 MHz SIM Internal Mic
100035	WiFi SIM External Mic
101110	WiFi SIM Internal Mic

Accessory Parts

100024	Power Module up to 4 SIMs
100099	Power Module up to 18 SIMs
100040	Power Wall Adapter 12V DC
100252	Power Adapter Extension Cable (12-foot)
100034	Ceiling Mount Kit

Diagrams

Sonicu SIMs aggregate sound data, transmit it to the cloud and provide a system-wide picture of your sound environment with real-time views and comprehensive Sound Target Achievement Reports.

SONICU™
Monitoring. Measured.