

Third-Party Sensor Connectivity

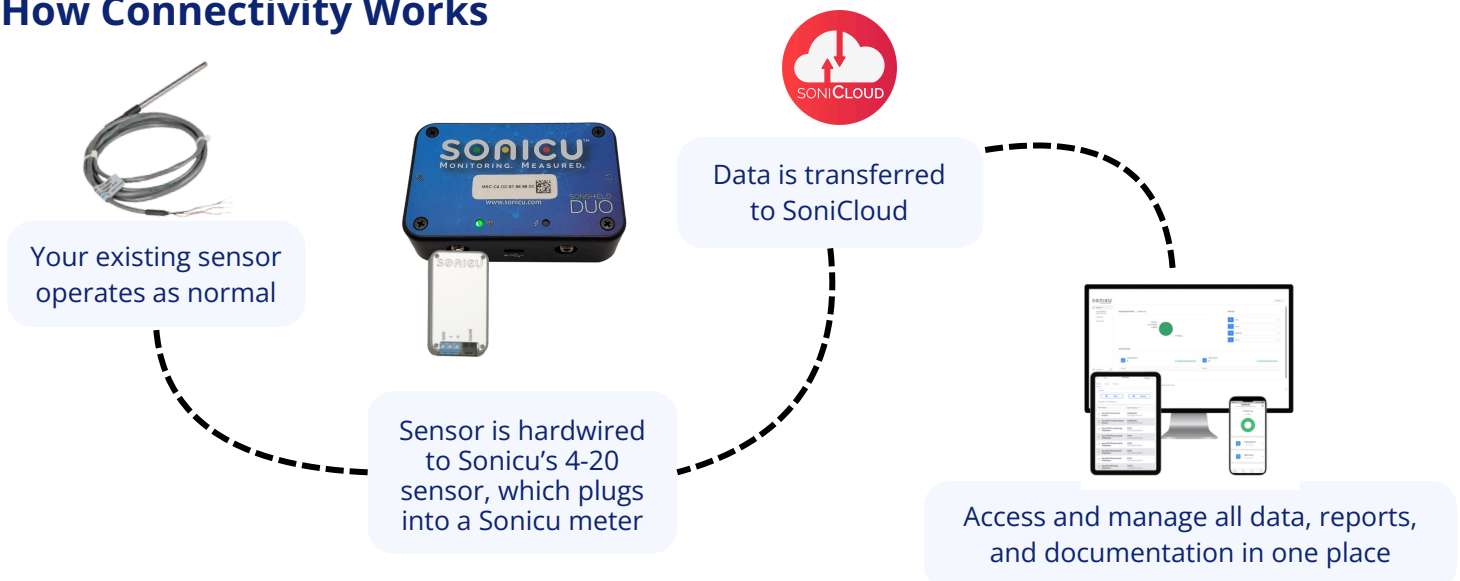
*Expand Your Monitoring
Without Replacing Your Sensors*

From oxygen deficiency monitoring to temperature sensing and airflow verification, Sonicu's 4–20 mA connectivity allows you to connect virtually any commercially available sensor, supporting the critical applications your environment depends on.

Because 4–20 mA is the global standard for industrial sensing, thousands of sensor types across countless applications can be integrated into Sonicu, allowing you to connect to a modern, cloud-based monitoring system.

Unlike traditional monitoring solutions that require proprietary hardware or separate systems, Sonicu can integrate with sensors you already own, giving you centralized visibility, real-time alerts, and automated reporting in minutes.

How Connectivity Works



Key Customer Benefits

- **Protect existing investments:**
Use current sensors and infrastructure
- **Build on your current setup:**
Avoid costly hardware replacements
- **Fast deployment:**
Minimal setup, no disruption
- **Centralized monitoring:**
No more switching between dashboards and apps
- **Cloud visibility:**
Real-time data, alerts, reporting
- **Scalable:**
Add sensors and systems over time

*Ask about our Modbus Adapter
and BAS Integration solutions.*

Achieve complete oversight without replacing your existing equipment—Sonicu makes monitoring simple, fast, and centralized.



Single Channel

8-Channel

Applications & Use Cases

Oxygen Deficiency Monitors

- Continuously monitors oxygen levels (<19.5% O₂) to protect workers in healthcare, laboratories, cryogenic storage facilities, life sciences, food processing, and industrial gas environments.

Thermocouple Transmitters (4–20 mA)

- Converts thermocouple signals into stable outputs for continuous temperature monitoring in healthcare, pharmaceutical storage, blood/plasma centers, food production, research labs, and industrial processes.

Current Transformers

- Tracks equipment current draw to detect failures early in pharmaceutical storage, hospitals, blood banks, laboratories, food processing plants, and commercial HVAC systems.

Air Velocity / Airflow Transmitters

- Verifies airflow performance in cleanrooms, sterile compounding pharmacies, hospitals, research labs, semiconductor facilities, and other controlled environments.

Infrared Temperature Sensors (Non-Contact)

- Provides continuous non-contact surface temperature monitoring in manufacturing, food processing, pharmaceutical production, material handling, and industrial equipment applications.

Technical Specifications

Product	Single Channel	8-Channel
SKU	4-20-1	4-20-8
Power Modes	Self-Powered Sensor or 24v DC, 0.5A	Self-Powered Sensor or 24v DC, 0.5A
Dimensions	2.75 x 1.5 x 1 in	3 x 4 x 0.5 in
Weight	.01 lb	.20 lb
Mapping	GND, + and -	GND, + and -
Installation	Hardwiring (included)	Hardwiring (included)

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