



Sensors For Wireless Remote Monitoring







Sonicu is a recognized leader developing and implementing remote wireless monitoring solutions. Turnkey solutions are available that provide monitoring, alarming, and compliance reporting for temperature, humidity, differential air pressure, and sound. Anything else can be monitored using the Universal IoT meter.

Sonicu is the first manufacturer to develop sound level meters designed for use in ICU/NICU environments and was first to

market digital sensors designed specifically for Ultra-Low and Cryogenic temperature monitoring. Our expertise is why our sensors and meters provide unmatched accuracy and reliability under all conditions.

Our sensors work seamlessly with the SoniCloud wireless monitoring platform hosted by Amazon Web Services that provides unlimited users secure access to live data 24/7, via computer or smart device.

Typical Solutions Include

 <p>COLD TEMP</p> <p>Medication/Vaccine Tissue / Blood</p> <p>Patient Nutrition</p> <p>Breast Milk</p> <p>Walk-in / Reach-in Refrigeration</p> <p>Food Preparation</p>	 <p>HOT TEMP</p> <p>Food Warmers</p> <p>Blanket Warmers</p> <p>Fluid Warmers</p> <p>Water Temperature</p> <p>Incubators</p> <p>Industrial Applications</p>	 <p>ULTRA-LOW</p> <p>Ultra-low -80° C Storage</p> <p>Tissue / Blood</p> <p>Pharmaceuticals</p> <p>Flash Frozen Foods</p> <p>R&D Samples</p>	 <p>CRYOGENIC</p> <p>Cryogenic -200° C Freezers</p> <p>Tissue / Blood</p> <p>IVR</p> <p>Pharmaceuticals</p> <p>Industrial Applications</p>	 <p>TEMP/HUMIDITY</p> <p>Ambient Temp and Humidity</p> <p>Healthcare</p> <p>R&D Labs</p> <p>Pharmacies</p> <p>Warehousing</p>	 <p>+/- PRESSURE</p> <p>Differential Room Air Pressure</p> <p>R&D Labs</p> <p>Compounding Pharmacies</p> <p>Construction</p> <p>Clean Rooms</p> <p>Isolation Rooms</p>
--	--	---	---	---	--

“SNAP” Calibration: Confidence. Convenience. Cost-effectiveness.

Compliance is a “SNAP.” Enrollment in Sonicu’s SNAP Calibration program ensures your sensors are accurate, properly calibrated, and regulatory compliant. Sonicu automatically provides new sensors with NIST traceable calibration certificates before your sensor’s expiration date. Compliance is completed by removing the old sensor and snapping in the new one.





Glycol-buffered Temperature Sensor

Includes NIST Calibration Certificate

Ideal for vaccines, medication, research, food and other cold storage applications. Meets or exceeds, CDC, VFC, FDA, USP and other regulatory requirements.

Part No.	Temperature Range
100234	-40° to +25° C



Non-buffered Temperature Sensor

Includes NIST Calibration Certificate

Use for vaccines, medication, research, food and other cold storage applications where a buffer medium is not required for consistent readings. Meets or exceeds FDA, USP and other regulatory requirements.

Part No.	Temperature Range
#100181	-55° to +125° C



Solid-buffered Temperature Sensor

Includes NIST Calibration Certificate

Use for vaccines, medication, research, food and other cold storage applications where a liquid buffer medium would be inappropriate. Meets or exceeds, CDC, VFC, FDA, USP and other regulatory requirements.

Part No.	Temperature Range
101234	-40° to +25° C



Cryogenic Temperature Sensor

Includes NIST Calibration Certificate

For clinical, university, laboratory and Contract Research Organization enterprises.

Part No.	Temperature Range
100261	-205° to 0° C (cryogenic)



Digital Temp/Humidity Sensor

Includes NIST Calibration Certificate

Ideal for warehouse and room temperature/humidity monitoring. Plug-and-play deployment; easily snaps into Sonicu MVP 410/440. Meets or exceeds FDA, USP and other regulatory requirements.

Part No.
101212

	Range	Accuracy
Temperature	-10 to +80° C	+/- .4° C
Humidity	0 - 100% RH	+/- 3% RH



Air Pressure Differential Sensor

Includes NIST Calibration Certificate

Monitors air pressure between rooms to maintain safe environment. For healthcare, pharmaceutical, construction, and HVAC. Pickup options include air ducts, wall plate, and ceiling mount.

Part No.	Range	Accuracy
101275	+/- 4 inches water column	+/- .25%



Ultra-low Temperature Sensor

Includes NIST Calibration Certificate

For clinical, university, laboratory and Contract Research Organization enterprises.

Part No.	Temperature Range
100260	-100° to 0° C (ultra-low)