FOOD SAFETY TEMPERATURE MONITORING DEVICE

Ideal for food manufacturing and processing, the Sonicu food temperature monitoring device is designed to safeguard your supply and automate regulatory compliance. Reduce the risk of foodborne illness and regulatory challenges with a simple and affordable wireless temperature monitoring system.

Respond rapidly to potential food temperature issues before they become an issue. This device features a simple display for immediate info and stores temperatures indefinitely in the cloud for compliance reporting.

The Sonicu wireless temperature food storage & processing monitoring device features extended battery life and integrates seamlessly with the other monitoring solutions, including cold storage, door open and water leak monitoring.

Real-time LCD screen with a mobile app interface for instant data and powerful redundancy via DataSync to protect data during power and network outages.

Device can be connected to two probes: one for food and the other for high temperature.

Features

- Sensors seamlessly link to SoniLink Hubs, creating a comprehensive monitoring network - connect hundreds of sensors to a single hub, monitor large areas easily

- Our proprietary LoRaWAN® technology, SoniLink, ensures secure and reliable wireless connectivity. Experience real-time monitoring with range and efficiency

- Compact in size and entirely wireless, no installation required

- Instantly compatible with AWS Cloud-based SoniCloud Monitoring

- Tailored alerts and alarms via phone call, text, email and push notification

- Five year battery life

Specifications

Wireless Transmission

Technology	LoRaWAN®
Transmission Power	22dBm
Sensitivity	-137dBm @300bps

Sensor Connector

Connector Type	5-pin M12 A-Coded Male Connector
PT100 Connection	3-wire Connection

Display

Display	LCD Segment Code Screen
Viewing Direction	12 O'clock

Others

Button	1 × External Power Button + 1 × Internal Reset Button
LED Indicator	1 × Status Indicator (Internal)
Configuration	Mobile App (via NFC) or PC software (via USB Type-C)
Data Logging	10, 000 measurements and supports to export as CSV or PDF file

Physical Characteristics

Power Supply	2 × 4000 mAh ER18505 Li-SOCL2 Batteries or Type-C USB (5V/1A)
Operating Temperature	-30°C to +70°C
Relative Humidity	0% to 95% (non-condensing)
Weight	185 g
Dimension	109.35 × 75 × 20 mm (4.31 × 2.95 × 0.79 in)
Installation	Wall Screw Mounting, Magnetic Mounting (Opt.)

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Sonicu Sensors	SA-AF10 (Food Insertion)	SA-A05 (High Temp)
Range	-40 °C ~125 °C	-50 °C ~ 500 °C
Accuracy	$\pm (0.15°C +0.002 |t|)°C$	$\pm (0.15°C +0.002 |t|)°C$
Resolution	0.1°C	0.1°C