

S-Series High Temperature Monitoring Solution

The S-Series High Temperature Monitoring Device is a wireless temperature logging solution **designed for extreme heat environments up to 500°C**. Ideal for industrial ovens, sterilizers, and other high-temperature equipment where standard sensors cannot safely operate.

Compact yet powerful, it **takes up minimal space** (roughly the size of a sticky note), with **5-10 year battery life***, and features dual ports, allowing you to **monitor two units at once**.

The **built-in display** provides instant visibility, while **readings are automatically sent to SoniCloud** for secure, long-term storage, making regulatory compliance and audits effortless.

With S-Series, you can ensure equipment performance, protect products, and maintain safety—all without adding complexity to your operational workflow.

SoniLink Hub required.



SKU: S-M12



SKU: SA-A05
(sold separately)

Applications

- Dry Sterilizers / Hot Air Ovens
- Autoclaves / Steam Sterilizers
- Drying/Curing Ovens
- Lab & Pharmacy Ovens
- Heat Chambers for Testing
- Air Duct Temperature

Industry Use Cases

- Pharmacies
- Laboratories
- Industrial Facilities

*Battery life estimates are based on standard environmental conditions and transmission intervals. Actual performance may vary based on configuration, signal environment, and reporting frequency.

On-Screen Alert Notification

Door Status

Battery Power

LoraWAN Connection

NFC Configuration
via SoniCloud
Mobile App



External Button to switch
between 2 channels



SoniLink Hub Required

High Temp Sensor Specifications

Probe Type & Grade	PT100, Grade A
Range	-50 °C ~ 500 °C
Accuracy	± 0.4°C (-50°C~125°C), ± 1.15°C (125°C~500°C)
Length	5 cm (sensor), 150 cm (cable)

Device Specifications

Battery & Power Supply	2 Replaceable ER18505 3.6V lithium batteries, Type-C USB (5V/1A)
Dimensions	109.35 × 75 × 20 mm (4.31 × 2.95 × 0.79 in)
Weight	185 g
Display	LCD, Segment Code Screen
PT100 Connection	3-Wire Connection
IP Rating	IP65
Operating Temperature	-30°C to +70°C
Relative Humidity	0% to 95% (non-condensing)
Installation Options	Wall Screw Mounting, Magnetic Mounting

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