

# S-Series Temperature & Humidity Sensor

Wireless, Effortless,  
and Ready to Expand

The S-Series Temperature & Humidity Sensor is Sonicu's **wireless monitoring solution**, built for a wide range of applications, ideal for environments where wired sensors aren't practical.

Designed with meter and sensor in a single compact unit, this device is **easy to deploy**, simple to operate, and scales effortlessly across multiple departments. Its **cost-effective**, space-saving design delivers reliable performance wherever monitoring is needed.

## Applications

- Walk-in coolers and freezers
- Warming cabinets
- Ambient temperature conditions
- Enclosed spaces where a wired sensor isn't safe or feasible

## Who is the S-Series HT for?

- Healthcare
- Retail grocery stores
- Commercial kitchens
- Distribution centers
- Manufacturing facilities
- Data server rooms



## FEATURES

**Industry Leading Wireless Monitoring:**  
Installs in seconds with no tools required

**Multiple Variants Available:**  
Temperature only, Temp & Humidity,  
Heat Index, and Warm Environment monitoring

**Food Safe Enclosure (IP67):** Dust-proof casing  
and water resistant when submerged for  
30 minutes in up to 1 meter of water

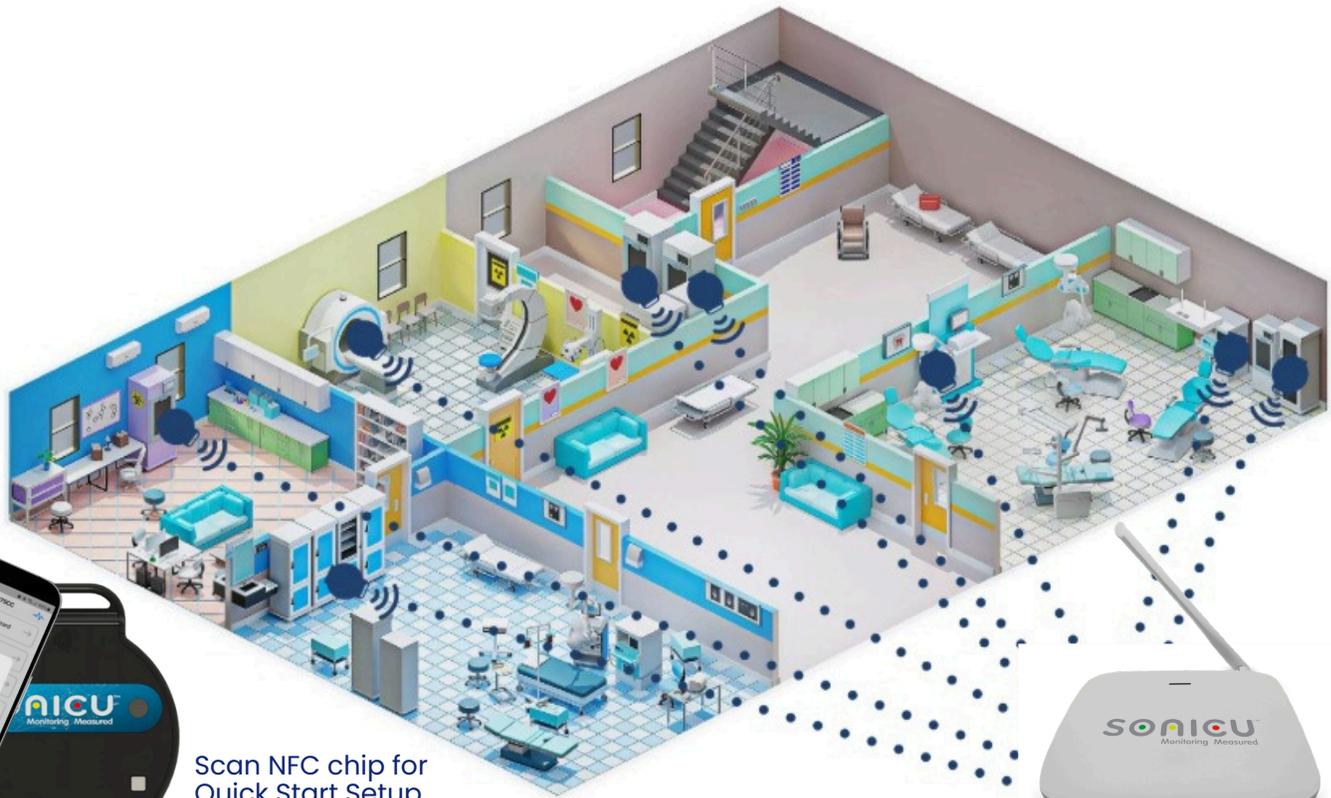
**NIST-Certification Available:** Ongoing  
compliance and SNAP Recalibration eligibility

**Long Lasting Battery:** 5 years standard,  
up to 10 years configurable\*

**DataSync™:** Built-in automatic data recovery  
feature continues monitoring during outages  
and fills data gaps when connectivity is restored

**SoniLink Hub Required:** Ensures secure, reliable  
connectivity via LoRaWAN

\*Battery life estimates are based on standard environmental conditions and transmission intervals. Actual performance may vary based on configuration, signal environment, and reporting frequency. 5-year battery life at standard transmission and 10-year battery life at extended transmission.



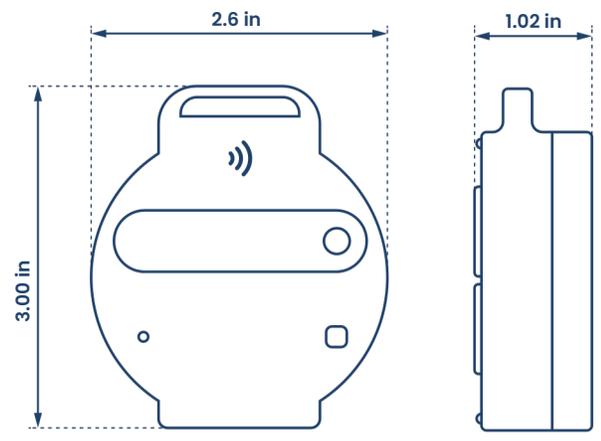
Scan NFC chip for Quick Start Setup



SoniLink Hub required

## S-Series Specifications

|                            |                                              |
|----------------------------|----------------------------------------------|
| Dimensions                 | 76 x 66 x 25 mm (3 x 2.6 x 1 in)             |
| Weight                     | 3.00 oz                                      |
| Memory                     | 1 year of onboard storage                    |
| Communication Method       | LoRaWAN US915                                |
| Transmission Range         | 100 meters*                                  |
| Operational Temp Range     | -30°C to 60°C (T, HT),<br>-30°C to 80°C (WE) |
| Operational Humidity Range | 0 – 100% RH                                  |
| Temperature Accuracy       | ± 0.5°C                                      |
| Humidity Accuracy          | ± 3% RH max                                  |
| Enclosure Rating           | Food Safe ABS Plastic, IP67                  |
| Installation               | Adhesive backing or zip-tie                  |



### SKU LIST

- Temperature Monitoring Only: S-T
- Temp. + Humidity: S-HT
- Warm Environment: S-WE

\* Results may vary based on conditions within confined spaces

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