

Heat Index Monitoring

The New Standard for Employee Safety and Heat Stress Regulations



WAREHOUSING • MANUFACTURING • DISTRIBUTION

1.9M Unfilled Jobs by 2033

projected for the manufacturing industry

Heat stress isn't something employees can simply ride out, and it shouldn't be ignored. Unmanaged heat exposure puts staff at risk of illness, injury, and potentially fatal consequences.

It can cause fatigue, dehydration, poor concentration, heat exhaustion, and heat stroke. It also increases the chances of workplace accidents, call-ins, and turnover. When employees are overheated, productivity and operations suffer.

Turnover Costs 30-50% of Salary

to replace a single hourly employee

The regulatory landscape is changing quickly. OSHA has identified 55 industries, labeled as high-heat-hazard employers, and state regulations continue to tighten. Inspectors no longer accept verbal assurances that heat stress is being managed. Today, they expect documented proof.

To support worker safety and fast-changing compliance, facilities need real-time visibility into workplace conditions, and automated documentation to eliminate the burden of manual logging while staying current with OSHA requirements.

Sonicu's continuous environmental monitoring technology delivers both to help protect employees, simplify compliance, and keep operations running smoothly.

Productivity Drops 2-3% Per Degree over 20°C (68°F)

just in temperature air alone — that's before humidity and heat index

Sonicu's **wireless sensors** collect real-time temperature and humidity readings, and SoniCloud (Sonicu's cloud-based platform) **calculates Heat Index** automatically. Managers can customize and automate data reports with SoniCloud's robust reporting suite, so facilities stay **audit-ready 24/7**.

S-Series Temp & Humidity Sensors



- Wirelessly logs temperature and humidity
- Automatic data recovery after outages
- Long-lasting battery life
- Installs in seconds, no IT required
- Dust-proof & water resistant casing

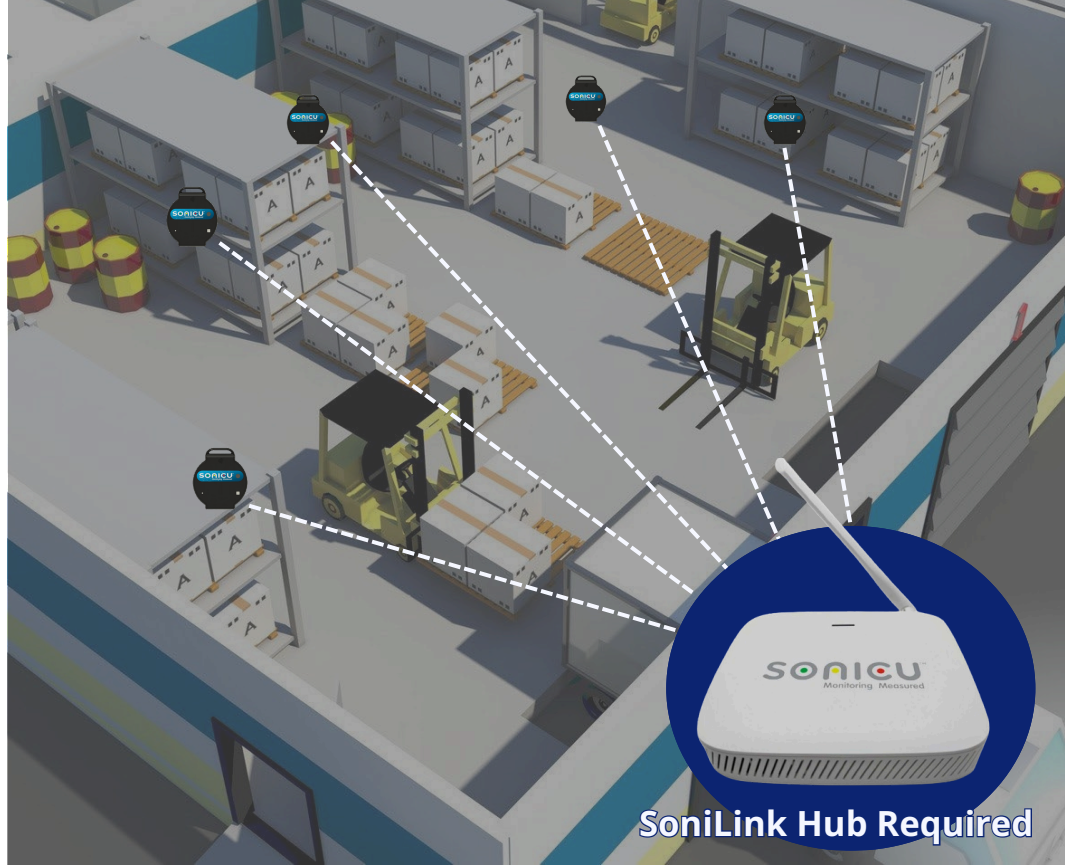
SoniLink Hub



- Up and running in minutes
- Supports up to 500 sensors
- LoRaWAN data transmission
- No Wi-Fi login needed
- Cellular backup connectivity

Start Monitoring Heat Index in Minutes

Simply press and hold the power button until the green LED light illuminates. Then, install the sensor with the peel-and-stick adhesive or a zip tie.



SoniLink Hub Required

Around-the-Clock Data Logging

Sonicu continuously monitors conditions 24/7. No paper logs or heat index calculating needed.

Heat Index Reports Sent to Your Inbox

OSHA-approved reports show temperature readings, humidity, heat index, outages, and more.

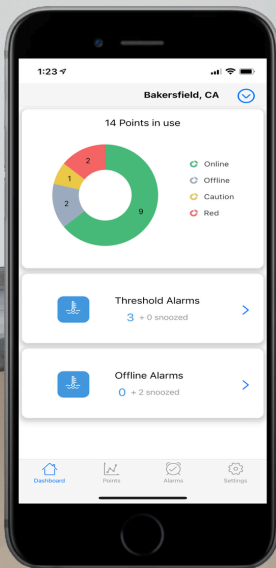
Never Overlook Heat Stress Again

If conditions drift outside of acceptable limits, facilities are alerted via text, call, or email.

Automatic Data Recovery

Built-in DataSync feature stores readings locally during outages, and uploads data once reconnected.

Check heat index levels and alerts on the Sonicu Mobile App



Coolers 5-16					
Cooler 5.1H 82.9/80H	Cooler 5.1T 36.2°F	Cooler 5.2H 80.4/80H	Cooler 5.2T 36.4°F	Cooler 5.3H 82.7/80H	Cooler 5.3T 36.4°F
Cooler 6.1H 79.3/80H	Cooler 6.1T 39.9°F	Cooler 6.2H 77.5/80H	Cooler 6.2T 40.0°F	Cooler 6.3H 79.8/80H	Cooler 6.3T 39.5°F
Cooler 6.4H 77.8/80H	Cooler 6.4T 40.2°F	Cooler 6.5H 79.3/80H	Cooler 6.5T 39.5°F	Cooler 6.6H 79.3/80H	Cooler 6.6T 40.2°F
Receiving (5A-5B)					
Receiving 5.1H 82.7/80H	Receiving 5.1T 52.8°F	Receiving 5.2H 78.8/80H	Receiving 5.2T 51.2°F	Receiving 5.3H 82.7/80H	Receiving 5.3T 52.8°F
Shipping (5C-5D)					
Shipping 5.1H 84.8/80H	Shipping 5.1T 55.7°F	Shipping 5.2H 81.0/80H	Shipping 5.2T 51.0°F	Shipping 5.3H 84.8/80H	Shipping 5.3T 55.7°F

Display real-time readings in the breakroom

THE PLATFORM TRUSTED BY



A SAFER WORKPLACE STARTS HERE

Get a quote or a quick demo to see if Sonicu is right for you

844-4SONICU • 317.468.2345
sonicu.com • sales@sonicu.com