SONICU™
Monitoring. Measured.

SoniShield Duo

Compatible with any combination of two Sonicu NIST certified digital sensors, the Duo utilizes the most advanced wireless technology to provide the most efficient and simple wireless monitoring experience available.



• Asset Protection • Compliance Automation • Operational Efficiency

Onboard Bluetooth enables a wireless local display ideal for vaccine compliance and a powerful SoniCloud App wirelessly configures the Duo in seconds.

Built-in rechargeable battery and on-board memory provide unparalleled redundancy for continuous monitoring.

The SoniShield Duo is ideal for monitoring refrigerators, freezers, ambient conditions, room pressure, and other areas where monitoring is needed.

Coupled with SoniCloud, our powerful mobile app (for Android and iOS), users experience unsurpassed visibility and convenience. Everyday operations like responding to temperature alarms or viewing trended sensor data are quickly accomplished.

SoniShield Display:

Easy-to-Read
E-Ink Display



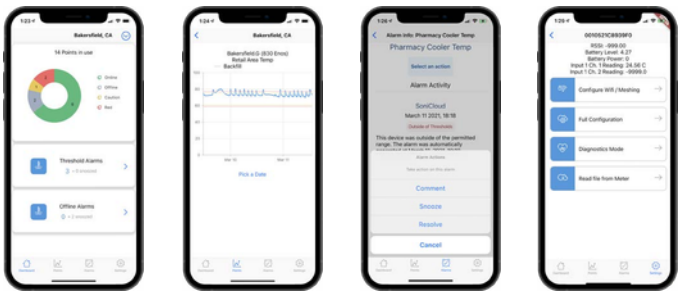
SKU: 116000

Optional Display supported by the SoniShield Duo's onboard Bluetooth, perfect for vaccine refrigerators or freezers, ambient conditions, and other areas where a local display is required.

Our Advantages

- Sonicu solutions deploy quickly and support Wi-Fi, Ethernet, and Ethernet with Cell Failover
- On-board memory storage protects data during network interruptions and automatically uploads stored data to SoniCloud via DataSync.
- When a power outage occurs the Duo automatically switches from 110V operation to battery power and continues automated monitoring.
- Sonicu's SNAP Calibration Program ensures regulatory compliance by providing freshly calibrated NIST sensors with NIST Certificates before current sensors expire.

Android and iOS App Functions



Summary Views | View Temp Logs | Respond/ Resolve | Hardware Config.

Additional App Functions: Enterprise dashboard, active alarm summary, alarm details, network connectivity, configuration, file upload, zone view, and more!

Applications & Industries

Cold temperature, extended range for -80˚C ULT, ambient temp and humidity, solid and glycol buffered product simulator, LN2, room air pressure.

Industries include: hospitals, pharmaceutical, public health clinics, research labs, data centers, food safety, and industrial.

Specifications

External Ports:	Two sensor input ports One Micro-USB charging port
Construction:	Rugged, ABS plastic housing
Dimensions:	3.87" x 2.51" x 1.20"
Weight:	0.39 lbs.
Radio Protocols:	4G/5G Cellular, with GPS Wi-Fi 802.11 b/g/n 2.4GHz Wi-Fi 802.1x authentication LoRaWAN
Power Modes:	5200 mAh, Li-ion polymer 3.7V long-life rechargeable battery 5V 1A DC adapter, 6ft cable (included)
Enterprise Security:	Wi-Fi: WPA2; Cellular: standard encryption to tower, virtual private network (VPN) to cloud, completely secure
Storage:	32GB
Operating Temp:	-10 C˚ to +40 C˚
Operating Humidity:	10 to 85% RH, non-condensing
Extension Cables:	Flat 6-ft, 15-ft and 25-ft
Mounting:	Adhesive or Magnetic/Screw Mount options available
Warranty:	Warranted for duration of Sonicu Service Agreement

Part Number and Description

Duo-WF	SoniShield Duo (WiFi)
Duo-SL	SoniShield Duo (SoniLInk)

Digital Sensor Options (NIST Calibrated)

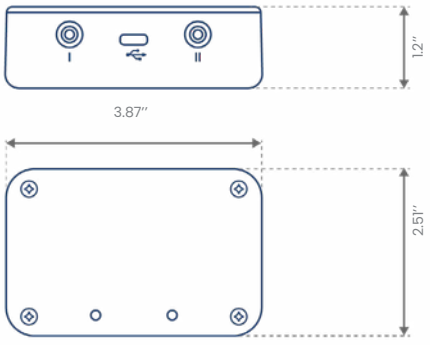
100234	Glycol Buffered Temperature Monitoring Range:-55˚ C to +30˚C Accuracy: +/- 0.5˚ C
101234	Solid Buffered Temperature Monitoring Range: -55˚ C to + 30˚C Accuracy: +/- 0.5˚ C
100181	Non-Buffered Temperature Monitoring Range: -55˚ C to +125˚C Accuracy: +/- 0.5˚ C
101279	Warm Buffered Temperature Monitoring Range: 0˚C to 105˚C Accuracy: +/- 0.5˚ C
114200	Differential Pressure (for HVAC) Monitoring Range: ±4 in H_2O Accuracy: ±0.04 in H_2O *Differential Pressure for Critical Environments also available; contact for more info
114100	Ambient Temperature & Humidity Temperature: Monitoring Range -10˚C to +80˚C; Accuracy +/- 0.4˚C Humidity: Monitoring Range 0-100% RH; Accuracy ±3% RH
101231	Ultra-Low Temperature, 4" Stainless Sheath Monitoring Range: -205˚C to 0˚ C Accuracy: +/- 0.5˚ C
100261	Cryogenic (LN2) Temperature, 15.5" Stainless Sheath Monitoring Range: -205˚C to 0˚ C Accuracy: +/- 0.5˚ C
114500	Co_2 Incubator (Temperature, Humidity, and CO_2) Temperature: Monitoring Range -40 - 125°C; Accuracy +/- 0.3°C Humidity: Monitoring Range 0 - 100% RH; Accuracy +/- 2% CO_2: Monitoring Range 0 - 25% CO2; Accuracy +/- 0.5% + 3% MV

Accesory Items (sold separately)

010503	USB Power Extension (adds 6 ft to Duo power cable)
113600	Magnetic/Screw Mount

SoniShield Duo Dimensions





SPEAK WITH A SPECIALIST
Get a free quote or demo

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