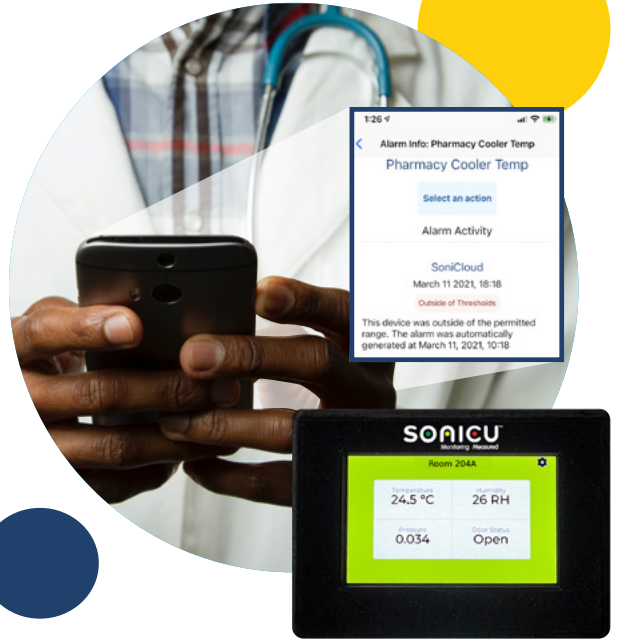# SoniShield View

Digital Meter with Powerful Mobile App

Compatible with Sonicu's NIST certified room condition monitoring digital sensors, including temperature, humidity, and differential pressure, the View uses advanced wireless technology for an efficient and easy-to-use wireless monitoring experience.

Real-Time Visibility

The SoniShield View display delivers real-time room monitoring and the powerful SoniCloud Mobile app wirelessly configures the View in seconds.

Features:

- Real-time readings shown on the screen
- Local on-board memory backup
- SoniCloud's industry-leading data storage

The SoniShield View is ideal for monitoring:

- Ambient humidity and temperature
- Room pressure differential
- Door status for installed areas
- Monitoring available locally and in cloud

The SoniShield View is a powerful and easy-to-use wireless monitoring device available with a local LCD full-color display. Wirelessly transmits critical sensor data to the SoniCloud platform:

- 24/7 automated monitoring & visibility
- Regulatory compliance reporting

Coupled with SoniCloud app (for Android and iOS), users experience control and convenience. Responding to temperature alarms or viewing trended sensor data are quickly accomplished. Hardware setup and configuration tasks are accomplished rapidly with the app.

SoniCloud Mobile App for All Users

All users enjoy our enhanced interface experience using the new mobile app for Android and iOS.

SoniShield View Advantages

1 **Deploy quickly and support WiFi, 4G/5G LTE, Ethernet, and Ethernet** with Cell Failover.

2 **On-board memory storage protects data during network interruptions** and automatically uploads stored data to SoniCloud via Data Sync.

3 **Installing the SoniShield View is a snap -** simply install a three gang electrical box in a wall, run low voltage power, and you're ready to go. A surface mounted option also available.

4 **Sonicu's SNAP Calibration Program** ensures regulatory compliance by providing freshly calibrated NIST sensors with NIST Certificates before current sensors expire.

101212 Ambient Temperature & Humidity

Range Accuracy:

Temperature   -10°C to +80°C +/- 0.4°C
Humidity   0-100% RH +/- 0.25%

Accessory Items (order separately)

117902 – STD. 3 Gang Work Box
117902 – STD. 1 Gang Work Box
(Sensor Mounting)
117903 – 3 Gang Surface Mount Box

Kits and Description

SoniShield-View-WiFi

SoniShield-View-Cell (4G/5G LTE)

SoniShield-View-SoniLink

SoniShield-View-900 MHz

Digital Sensor Options (NIST Calibrated)

CCI-1, Single Contact Closure (1-channel)

101275 - Differential Pressure, DPS
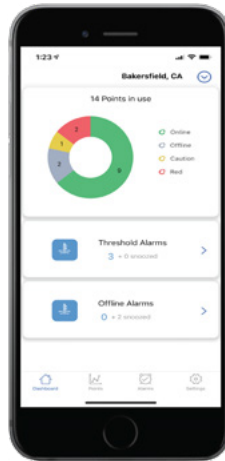Range: +/- 4 inches water column Accuracy: +/- 0.25%

Applications & Industries

Room condition monitoring includes temperature, humidity, pressure, and contact closure sensors.

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

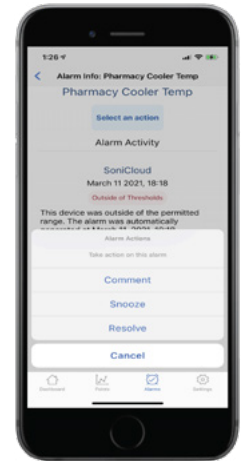## SoniShield View Options

Android and iOS App Functions

Summary Views   View Temp Logs   Respond/Resolve

Additional App Functions:

- Enterprise Dashboard
- Active Alarm Summary
- Alarm Details
- Network Connectivity
- Configuration
- File Upload
- Zone View
- And More!

Specifications

Construction:	Durable, Nylon plastic Components
Dimensions:	5inch LCD color screen, 6.5"x 5.0" faceplate
Weight:	1.25 lbs.
Radio Protocols:	4G/5G Cellular, with GPS Wi-Fi 802.11 b/g/n 2.4GHz Wi-Fi 802.1x authentication SoniLink (LoRaWAN Long-Range 900MHz) 900 (meshing)
Power Modes:	Customer-supplied 24V, 1A
Enterprise Security:	Wi-Fi: WPA2
Cellular:	standard encryption to tower, virtual private network (VPN) to cloud, completely secure
Operating Temp:	-10 C° to +40 C°
Humidity:	10 to 85% RH, non-condensing
Extension Cables:	Flat 6-ft, 15-ft and 25-ft
Mounting:	Inwall and Surface available
Warranty:	Warranted for duration of Sonicu Services Agreement

SONICU™

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