SONICU™
Monitoring Measured

ARC 440 · Wireless All Room Conditions Monitor

Sonicu's All Room Conditions (ARC) Monitor w/Display is a regulatory-compliant solution for multiple conditions monitoring that requires local alarming and display.

SONICU SOLUTION

Sonicu's room conditions monitor tracks temperature, humidity, air pressure, air velocity and other critical conditions with a single, integrated unit.

Recent initiatives by the Joint Commission and other regulatory agencies requiring room conditions monitoring present significant challenges for healthcare administrators and facilities managers.

Retrofitting existing building automation systems can be expensive, time-consuming, and in some cases, impractical.

Sonicu's ARC monitors, wireless technology and cloud-based platform are convenient, cost-effective solutions to those challenges.
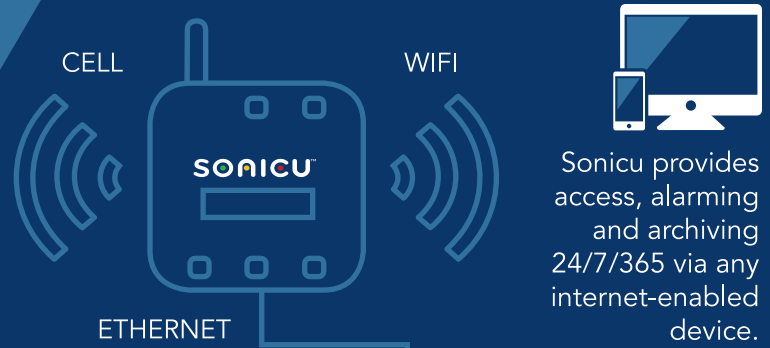
Flexible topography and data transmission capabilities allow ARC monitors to operate independently of existing IT systems. Sensor-to- cloud data delivery via 4G cellular, 900 MHz or Wifi eliminates hard-wiring and retrofitting.

OUR ADVANTAGES

• Single, integrated unit simultaneously monitors multiple room conditions for maximum flexibility.

• Automated logging and auto-formatted reporting eliminate manual data entry and streamline regulatory compliance.

• Wireless sensor-to-cloud data transmission requires no additional hardware or software.

• Local data displays and alarms also available via text, phone call or email to user-designated recipients.

• Fully configured, easy to deploy and completely scalable.

• Onboard memory capable of storing years of data in the event of network outage.

• Device connectivity reports ensure all data packets are being transmitted.

APPLICATIONS & INDUSTRIES

The All Room Conditions Monitor w/Display is designed to monitor multiple conditions simultaneously with local alarming and display in healthcare, industrial/manufacturing, building automation, research/laboratories and food service.

CELL

WIFI

SONICU™

ETHERNET

Sonicu provides access, alarming and archiving 24/7/365 via any internet-enabled device.

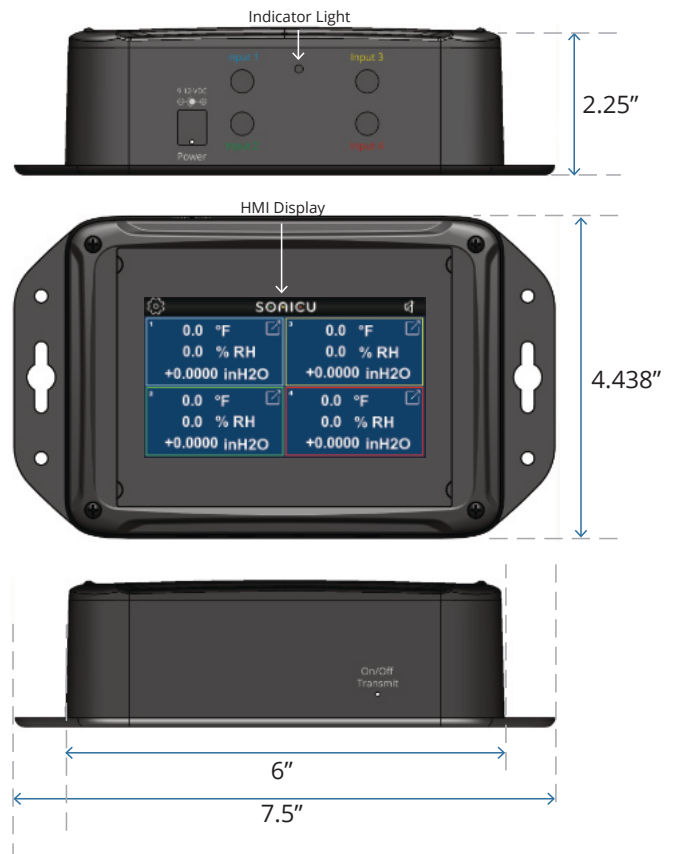## Features | ARC 440

Specifications

Sensor Ports	Four ports, each can be configured as one of the following: • Contact closure (dry contact) • 4 to 20 mA • Sonicu digital sensor
Construction	ABS plastic housing
Dimensions	7.5" x 4.438" x 2.25"
Display	3.75" x 2.10" viewable full color touch screen HMI
Radio Protocols	4G Cellular, Wi-Fi 802.11 b/g/n, 900 MHz (meshing)
Alarm	Audible - Configurable Visual - Configurable
Power Modes	24V DC wall adapter with battery backup (requires 110V outlet)
Enterprise Security	Wi-Fi WPA2; Cellular: standard encryption to tower, virtual private network to cloud, completely secure
Operating Temp	-10 °C to +40 °C
Humidity	10 to 95% RH, non-condensing
Mounting	Screw mount
Warranty	Warrantied for duration of SoniCloud Subscription Agreement

Accessory Parts

101247	Power Wall Adapter: 24V DC
100274	Flat 6-ft sensor extension cable
100280	Flat 15-ft sensor extension cable
100281	Flat 25-ft sensor extension cable

Any Department. **Any** Application. **One** Choice.

Part Numbers | Description

101257	ARC 440 WiFi
101258	ARC 440 Cell (4G LTE)
101256	ARC 440 900 MHz

Differential Pressure Accessories

101267	Wall/Ceiling Pickup Tube (includes 8-ft hose)
101268	4-inch Duct Pickup Tube (includes 8-ft hose)
101269	8-inch Duct Pickup Tube (includes 8-ft hose)

Sensors

100212	Digital Ambient Temp -40° C to 125° C Digital Humidity 0% to 100%
101275	Air Pressure Sensor

Indicator Light

2.25"

HMI Display

4.438"

6"

7.5"

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