



MVP 410 Digital Meter

The MVP 410 Meter is a state-of-the-art wireless workhorse, that monitors temperature, humidity, air pressure, or any other application supported by Sonicu digital sensors.

SONICU SOLUTION

The MVP 410 accepts a wide variety of sensors from temperature and ambient relative humidity, to CDC recommended glycol buffered sensors for monitoring medical grade devices. It supports cryogenic and ULT sensors for medical, research, bio-medical, and specialized applications.

The MVP 410 meter is fully digital and operates on rechargeable Li-ion battery or AC power. It features micro SD memory storage that works with Sonicu's Data Sync software to ensure that no data is lost due to power outage, or system interruption.

Flexible networking options allow several units to be meshed together into a unified system via 900MHz connectivity with data transmission directly to Sonicu's cloud platform either by 4G cellular, Wi-Fi, or Ethernet. Transmission to the cloud can be in conjunction with, or independent of existing enterprise IT systems.

Alerts and alarms can be sent via text, phone call or email to designated recipients as required.

OUR ADVANTAGES

- Digital technology reduces costs and downtime associated with recalibration
- Sensor-to-cloud data transmission requires no additional hardware or software
- On-board memory can store five-years worth of data at 15-minute monitoring intervals.
- Adaptable to a variety of applications simultaneously for maximum flexibility
- Fully configured, easy to deploy, and completely scalable
- Industry-leading battery life up to five years
- When powered with wall adapter UPS mode switches to battery during power outages. Can be configured to report battery voltage and/or power loss from wall adapter.
- Device connectivity reports ensure all data packets are being transmitted

APPLICATIONS & INDUSTRIES

Sonicu's MVP 410 and MVP 440 Temperature Meters monitor and measure humidity and ambient, ultra-low and cryogenic temperatures for Healthcare, Research/Laboratories, Food Services, Industrial, and Facility Monitoring.



Features **MVP 410 Meter**

Flexible, single-port, digital meter accepts Sonicu's sensors including: temperature and humidity, cryogenic, ultra-low temp, and differential air pressure. Also for closed-contact applications. On board memory & battery backup ensures no data is lost if system or power interruption occurs.

Specifications

External Ports	MVP 410 – single port
Construction	ABS plastic housing
Dimensions	3.355" x 4.25" x 1.357"
Radio Protocols	4G Cellular, Wi-Fi 802.11 b/g/n, 900 MHz (meshing)
Power Modes	2600 mAh Li-ion 3.7v rechargeable battery 12v DC wall adapter
Enterprise Security	WiFi: 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
Cables	Flat 6-ft, 15-ft and 25-ft
Mounting	Adhesive or screw mount
Warranty	Warranted for duration of Data Service Agreement

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

Part No. Description

101207	MVP-410-WiFi
101208	MVP-410-Cell (4G LTE)
101206	MVP-410-900 MHz

Digital Sensors

100234	Glycol Digital Snap, -55 C to +40 C
100180	Air Pressure Digital Snap, -55 C to +125 C
101212	Temperature and Humidity Digital
100260	ULT Digital 4" Stainless Sheath, -100 C to 0 C
100261	Cryogenic Digital 15.5" Stainless, -205 C to -105 C

Accessory Items (not included)

100040	Power Wall Adapter: 12V DC
100274	Flat 6-foot cable
100280	Flat 15-foot cable
100281	Flat 25-foot cable

