



UNIVERSAL IoT METER

Sonicu's Universal IoT Meter wirelessly bridges your enterprise directly to the Internet of Things and the world of automated smart machines to improve efficiency, connectivity and productivity.

SONICU SOLUTION

The Universal IoT Meter is a universal monitoring device capable of acquiring data from almost any local sensor and transmitting it to any cloud-based platform. The Universal IoT Meter pairs with Sonicu digital accessories as well as many commercially-available sensors, providing a versatile platform to monitor practically any application.

Multiple Universal IoT meters can be arrayed into a single system via radio signals to collect data from multiple points and applications and then send that information to the cloud by 4G cellular, Wi-Fi or Ethernet. Sonicu's monitoring technology operates either in conjunction with or independently of existing enterprise IT systems.

Alerts and alarms can be sent via text, phone call or email to designated recipients based on user-defined guidelines.

Industry-leading battery life and onboard memory virtually eliminate data loss due to power outage or other interruption.

OUR ADVANTAGES

- Eliminates siloed, proprietary monitoring applications with a single-source meter; adapts to any future monitoring application.
- Sensor-to-cloud data transmission requires no additional hardware or software.
- 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.
- UPS mode (Main power from wall adapter; switches to battery during power outages.) Can be configured to report battery voltage and/or power loss from wall adapter.
- Onboard memory capable of storing years worth of data in the event of network outage.
- Device connectivity reports ensure all data packets are being transmitted.

APPLICATIONS & INDUSTRIES

Universal IoT Meters monitor and measure virtually all applications from power and fluid levels to any number of key performance indicators (KPIs) in Industrial/Manufacturing, Building automation, Healthcare, Research/Laboratories and Food Service.



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

Features **MVP 440**

Specifications

Probe Ports	Four ports, each can be configured as one of the following: <ul style="list-style-type: none"> • Contact closure (dry contact) • 4 to 20 mA • Sonicu digital probe
Serial Ports	1 x RS485, half-duplex, 3-wire (+data, - data, ground); can be configured as one of the following: <ul style="list-style-type: none"> • Modbus master • Modbus slave • Custom protocol (contact factory)
Radio Protocols	One of the following: <ul style="list-style-type: none"> • 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	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
Construction	ABS plastic housing
Dimensions	3.071" x 5.254" x 1.450"
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 numbers **Description**

101210	MVP-440-WiFi
101211	MVP-440-Cell (4G LTE)
101209	MVP-440-900 MHz

Probes

100234	Glycol Digital Snap, -55 C to +25 C
100180	Air Digital Snap, -55 C to +125 C
101212	Humidity and Temperature Digital, -30 C to +50 C 0% RH to 100% RH
100260	ULT Digital 4" Stainless Sheath, -100 C to 0 C
100261	Cryogenic Digital 15.5" Stainless, -205 C to -105 C

Accessory Parts

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

