

# Obvius UL508A Listed A508-1018x



## DESCRIPTION

Obvius Integrated Data Acquisition Solutions (IDAS) are designed for a wide variety of inverter, meter, and sensor data collection applications. The A8810 AcquiSuite 4GSM Panel features our intelligent data acquisition server, and robust 4G cellular router. Easy to use and drop-in ready for any site that requires diverse data collection and cellular connectivity, the A8810 AcquiSuite-4GSM panel provides a complete, powerful, and flexible solution.

## OBVIUS ADVANTAGES

- Hardware agnostic system allows flexibility working with virtually any ModBus or BACnet IP device
- Software agnostic design allows users to push data to virtually any monitoring, building, or analytics platform
- Ease of use for cost-effective and scalable commissioning in half the time—intuitive interface means no expertise needed to make configuration changes
- Multiple upload channels allow for data redundancy and software platform flexibility
- Diverse utility profile for a future-proof system, globally built to evolve with expanding industry and customer needs
- Live technical support—accessible expertise is a phone call away
- Remote assistance—our support team can quickly and easily access your AcquiSuite for troubleshooting and configuration errors
- Data backup—BMO 3.0 offers basic data monitoring and historical record-keeping to pair with our industry-leading software partners
- Leading reliability—Obvius is a trusted name for industry leaders

## PANEL PARTNER ADVANTAGES

- Complete UL hardware solutions for metering and data acquisition
- Competitive pricing
- Reduced lead times
- Simplified procurement
- Single point of contact for technical support
- Designed by field engineers to address installation pain points
- Proven reliability
- 5-year warranty

## HARDWARE FEATURES

- Obvius A8810 AcquiSuite is an open-ended data collection platform designed to work with virtually any device and upload to any monitoring front-end
- Directly connect open protocol devices via ModBus RTU, ModBus TCP, or BACnet IP
- Multi-tech 4G cellular router with 3G fallback (optional), available in GSM or CDMA compatibility—external antenna included
- NEMA 4X rated enclosure for indoor and outdoor applications
- Wide-range 100-277VDC power supply allows for flexible use in a variety of applications

## Obvius

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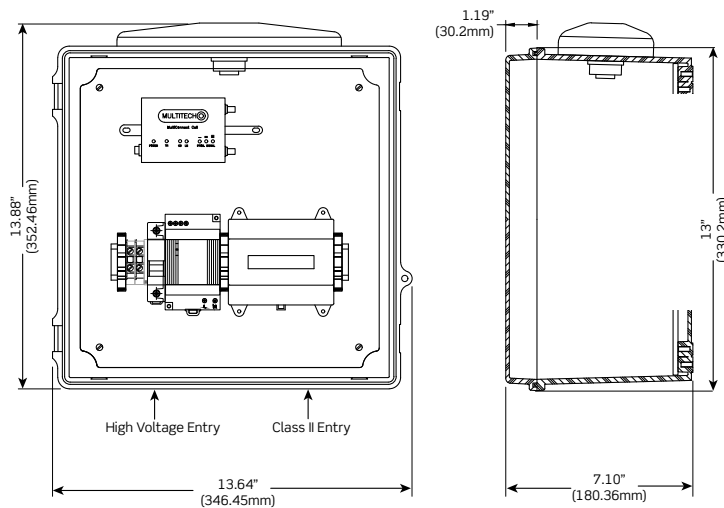
**SPECIFICATIONS**

<b>COMPONENTS</b>	
<b>Data Logger</b>	AcquiSuite EMB A8810
<b>DC Power</b>	Leviton PST24-I10, 24V 30W, 100-277V Range
<b>Cell Modem</b>	MultiTech 4G Router with 3G fall back; carriers include AT&T, T-Mobile, and Rogers (Other carriers available, CDMA options on request)
<b>Data Storage Interval</b>	15 minute default; configurable up to 1 minute
<b>Remote Upgrades</b>	Available
<b>COMMUNICATION</b>	
<b>ModBus TCP</b>	Approximately 100 devices per logger (subject to site conditions)
<b>ModBus RTU</b>	Approximately 32 devices per logger (subject to site conditions)
<b>LAN</b>	RJ45 10/100 Ethernet, full half duplex, auto polarity
<b>Cellular (optional)</b>	4G-LTE with 3G fall back; North America and International options available
<b>Networking</b>	DHCP or Static IP
<b>COMPLIANCE</b>	
SunSpec Certified, UL508A, CE, ETL	
<b>Warranty</b>	5 year
<b>POWER</b>	
<b>Voltage Inputs</b>	120-277VAC, single phase, line to neutral, 50/60Hz, fused disconnect included
<b>PHYSICAL</b>	
<b>Dimensions</b>	13.88"H x 13.64"W x 7.10"D (361.15mm x 346.46mm x 180.34mm)
<b>Enclosure Rating</b>	NEMA 4X
<b>Operating Range</b>	-22-158°F (-30-70°C)

**ORDERING INFORMATION**

<b>CAT.NO.</b>	<b>DESCRIPTION</b>
A508-1018x	UL508A Listed A8810 AcquiSuite-4GSM Panel; includes A8810 data acquisition server, 4G cellular router, external cellular antenna, and 4VDC power supply. Comes prewired in NEMA 4X enclosure. GSM and CDMA cellular carriers available.

**DIMENSIONS**



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**Visit our website at: [www.obvius.com](http://www.obvius.com)**

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