

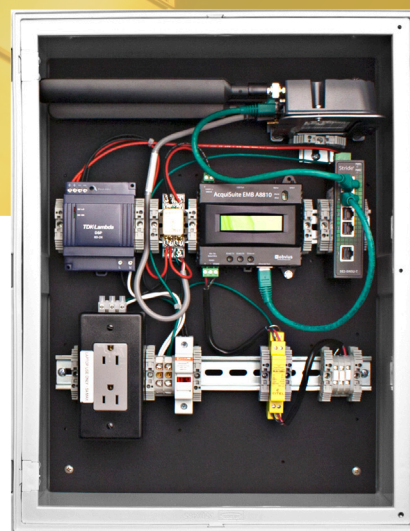


Transforming Facilities into Smart Facilities

At ENGIE, we are capturing real-time data and analytics to automate energy efficiency and identify usage anomalies allowing you to actively control cost and improve the comfort and productivity of your facility.

Welcome to Utility**vision**™.

Rock solid data acquisition is the foundation of any successful monitoring program and our experience runs deep. Decades of field knowledge have culminated in our proprietary Blueview 10 (BV10), a weatherized and UL certified enclosure built to our exacting specifications.



Simple to install and easy to manage, the plug-and-play capabilities of the BV10 are compatible with energy, utility, and smart-city applications. The BV10 offers users the programmable flexibility to integrate edge-computing without disrupting existing operations. It can speak multiple protocols for various integrations with different control and

SCADA systems. In addition to our standard enclosure, the BV10 can be customized for other configurations such as complex metering and weather stations. Data transmission from your site back to our datacenter utilizes a secure 4G LTE multi-carrier, private network. The architecture is scalable for differing applications and is designed to protect your assets.

When you put it all together, Utilityvision™ produces expert trend analysis, alerts, and efficiency recommendations to maximize savings – with guaranteed results. Our service enables cost-effective monitoring of critical assets and infrastructure for both commercial and public sector facilities.



SPECIFICATION

PRIMARY COMPONENTS	<p>Obvius AcquiSuite A-8810 Data Acquisition Server</p> <p>Sierra Wireless Airlink RV50 Cellular Gateway</p> <p>Stride SE2-SW5U-T Ethernet 5-port switch</p> <p>TDK Lambda Power Supply DSP60-24</p> <p>Citel Surge Suppressor DLA-12D3</p>
COMMUNICATIONS	<p>10/100/1000 Ethernet (RJ45)</p> <p>Cellular LTE, with 3G fallback; multiple carriers</p> <p>Active GPS antenna support</p> <p>Serial Ports: EIA/RS-232, RS-485</p> <p>USB 2.0 Micro-B Connector</p>
NETWORKING	<p>TCP/IP, PPP, FTP, NTP, XML, SNMP-Trap, DNS, DNS Proxy</p> <p>DHCP Server, IP Passthrough, Port Forwarding, VLAN, PPOE, NAT</p> <p>Modbus RTU, Modbus TCP</p> <p>BacnetIP</p>
SECURITY	<p>Private Network across IPSec tunnels</p> <p>Remote Connectivity using OpenVPN</p> <p>Inbound and Outbound Port filtering</p>
DATA MANAGEMENT	<p>Reporting and visualization through Utilityvision™ platform</p> <p>Interval Recording 1 to 60 minutes, user selectable (default 15 minutes)</p> <p>Local Web User interface</p> <p>LUA Scripting Language</p>
PHYSICAL	<p>NEMA 4 enclosures; UL 508A</p> <p>Environment: -30 C to 70 C, 95% RH, non-condensing</p> <p>Power Supply: 30W</p> <p>Output Power: 120VAC, 6A single gang outlet; 24VDC</p> <p>RS-485 port isolated to 20kA</p> <p>Configurable I/O pin on power connector for Remote Restart</p> <p>Manufactured in the USA</p>
SUPPORT	<p>Standard Warranty: 1 year</p> <p>Extended warranty available as part of ongoing support packages</p>

