

SiteVu™ Jr. Model N04005-SVU

Remote Battery and Environment Monitor



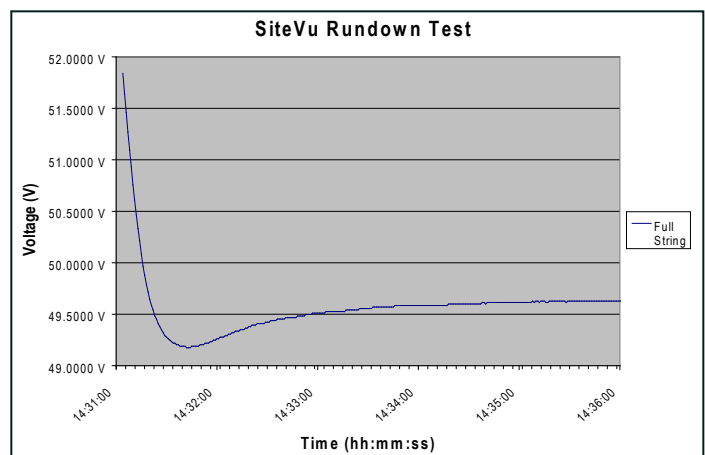
Designed to test and monitor critical remote power equipment, the new SiteVu remote battery and environmental monitor simplifies required periodic Performance Monitoring (PM) of Service Provider Battery Powered and Backed-up communications network equipment.

Product Highlights

- SiteVu provides a combination of Analog Inputs (8), Digital Inputs (32), and Digital Outputs (2) that can be utilized in various site monitoring applications
- SiteVu can be configured either via the local RS232 Service Port or through a Telnet connection from a network connected desktop PC (no extra software is required). Once one SiteVu is configured, that same configuration can be easily uploaded to other SiteVu remotely with Trivial File Transfer Protocol (TFTP)
- Security access to SiteVu is user-configurable with up to 5 user-definable identities, an Access Control List, and a detailed security log
- Alarms are sent via Simple Network Management Protocol (SNMP) to a Network Management Trap monitor. In addition, a periodic status trap can be enabled to keep the Trap monitor up-to-date with the current SiteVu alarm status
- All Alarm events occurring on the SiteVu are logged locally, and all security identities are logged when a user accesses the SiteVu remotely. These can be downloaded to your desktop PC via TFTP to assist in troubleshooting
- All alarms can be configured for different severity levels: Minor, Major, Critical and Other
- The installer can option the alarms to either trigger on the relay closure or release

SiteVu is designed to reside in Remote Terminal (RT), Controlled Environmental Vault (CEV), or Central Office (CO) locations where there is a critical need for equipment to be monitored. In the event that the site loses commercial AC power, SiteVu will automatically perform a Battery Rundown Test (BRDT) of the battery string and record the results of that test. The device also provides alarm functionality with 8 analog and 32 digital sensor inputs. These multiple sensor ports may be connected to the site's equipment, doors, or other sensors input sources.

- Legacy equipment can be accessed remotely from any network using the 4 passthrough ports on the SiteVu
- All connections on SiteVu are front accessible, which means the unit can be easily wall or rack mounted
- BRDT is performed automatically whenever the site loses commercial power, or it can be manually performed at any time



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The unit will store detailed alarm information including the results of the BRDT in the alarm log. If the SiteVu is connected remotely to the service provider Network Operation Center (NOC) Ethernet LAN, then the alarms will be delivered back via SNMP. If Ethernet is not available, the unit will activate the appropriate alarm relay and extend a ground to the existing alarm sender in the site. If no alarm sender is present, then company personnel with a PC can be dispatched to manually retrieve the unit's stored information via the RS232 port.

BRDT—SiteVu can perform a Battery Rundown Test whenever the site loses commercial power. When commercial power is lost, the voltage will begin to decrease. The unit will use this drop in voltage as an indication to start the BRDT and continue to take readings for the duration of the outage.

Voltage is sampled once every second for the first 15 minutes, then additional readings every 1 minute for the remainder of the AC power outage. Once the commercial power is restored, SiteVu creates a BRDT file, time stamps it and stores it in the Test Log. The data can either be collected via Ethernet (if on line) or by company personnel the next time they visit the site using a PC. The data collected will provide the technical support staff the ability to easily graph the “Coup de Fouet” of the battery string under normal office load (see SiteVu Rundown Test chart on front page).

The data will include:

1. Date and time stamp indicating when the last AC outage had occurred and for how long
2. The voltage readings for the BRDT, tab-delimited data file
3. The temperature of the Battery compartment
4. Alarm Log

Product Specifications

Physical Features	U.S.	Metric
Height	1.75 in.	4.45 cm
Width	14.0 in.	35.65 cm
Depth	4.5 in.	11.43 cm
Weight (approx.)	3.5 lbs	1.6 kg
Operating Voltage	20 to 60 Vdc	—
Operating Temp.	-40 to 122 °F	-40 to 50 °C
Humidity	5% to 95% (non-condensing)	

Model Matrix	SiteVu Jr.	SiteVu Mini	BattVu
Part Number	N04005-SVU	N04005-SVU/L0806	N08006-BVU
Analog Inputs	8	6	3
Digital Inputs	32	4	4
Internal Temp Probe	No	Yes	Yes
Pass-Thru Ports	4	None	None
Craft Port	RS232	USB	USB
Ethernet	Yes	Yes	No
USB Plug-n-Go	No	No	Yes
Temp Hardened	No	Yes	Yes
Operating Voltage	20 to 60 Vdc	20 to 60 Vdc	20 to 60 Vdc
Availability	Now	Mid 2009	Mid 2009



OSPLANT SYSTEMS, a Westell, Inc. Business Unit, is a leading provider of Next Generation Outdoor Cabinets, Enclosures, Power Distribution Panels and Remote Monitoring Solutions.



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