

# SiteVu<sup>TM</sup> Mini Model N04005-SVU/L0806

Remote Battery and Environment Monitor



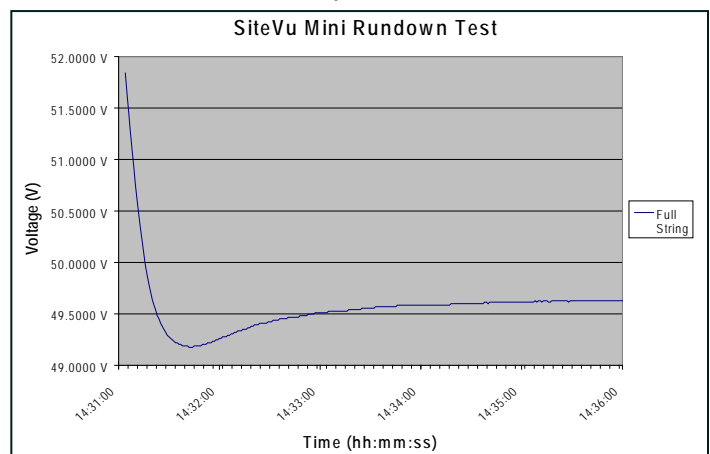
## Product Highlights

- Six Analog Sensor inputs which have a configurable range of 0–125 milliamps, 0-5 Vdc, or 0–60 Vdc
- Four Digital Sensor inputs that activate on ground extension or ground removal alarms and can be used for miscellaneous alarms, such as open door, fuse, rectifier fail, moisture, etc., at the site
- Internal Temperature Probe for measuring ambient temperature
- 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
- Battery Rundown Test (BRDT) is performed automatically whenever the site loses commercial power or can be manually performed at any time

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

SiteVu Mini is designed to reside in small Remote Terminal (RT) or Controlled Environmental Vault (CEV) locations where there is a power plant equipped with batteries. In the event that the site loses commercial AC power, SiteVu Mini will automatically perform a BRDT of the battery string and record the results of that test. The device also provides alarm functionality with 6 analog and 4 digital sensor inputs. These multiple sensor ports may be connected to the site's equipment, doors, or other sensors input sources.

The unit will store detailed alarm information including the results of the BRDT in the alarm log. If the SiteVu Mini 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 USB port.



# SiteVu™ Mini

## Model N04005-SVU/L0806

### Remote Battery and Environment Monitor

BRDT—SiteVu Mini 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 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 Mini Rundown Test chart on front page).

SiteVu Mini can be wall mount on drywall, sheet metal, or Service Provider approved plywood backboards.

#### 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	1.5 in.	3.81 cm
Width	8.0 in.	20.32 cm
Depth	5.0 in.	12.70 cm
Weight (approx.)	1.0 lbs	0.5 kg
Operating Voltage	20 to 60 Vdc	—
Operating Temp.	-40 to 149 °F	-40 to 65 °C
Humidity	5% to 95% (non-condensing)	

Model Matrix	SiteVu Jr.	SiteVu Mini	BattVu
Part Number	N04005-SVU	N04005-SVU/L0806	N08004-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.



Corporate Headquarters  
Westell, Inc. USA  
750 N. Commons Drive  
Aurora, Illinois 60504  
Inside Sales / Technical Support:  
1.800.323.6883  
www.westell.com