NetGuardian BVM G3

Monitor individual battery health and remote site equipment

Benefits of the BVM G3

- Monitor battery health and remote site equipment
- Monitor 24 individual jar voltages, temperatures and internal resistance
- Daisy chain as many sensors as you need for your cells
- Report alarms via industry-standard SNMP (v1, v2c, v3) to your SNMP manager, or the T/Mon alarm management platform
- Receive 24x7 email notifications when environmental levels cross your set thresholds
- 32 ping targets
- Telco-grade casing for enhanced durability
- Built-in web interface to monitor from any PC on the network
- Log sensor data with graphing for trend analysis
- Spring clamp connectors for easy alarm termination
- 7x24 technical support
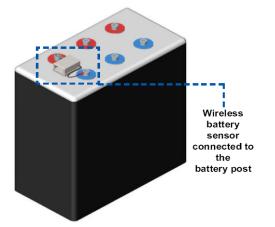- 30 day money back guarantee

Overview

This small RTU was designed to monitor all your battery jar voltages, temperatures, and internal resistance for ultimate visibility over your power supplies. The BVM G3 monitors up to 24 cells and reports threshold alarms via SNMP.
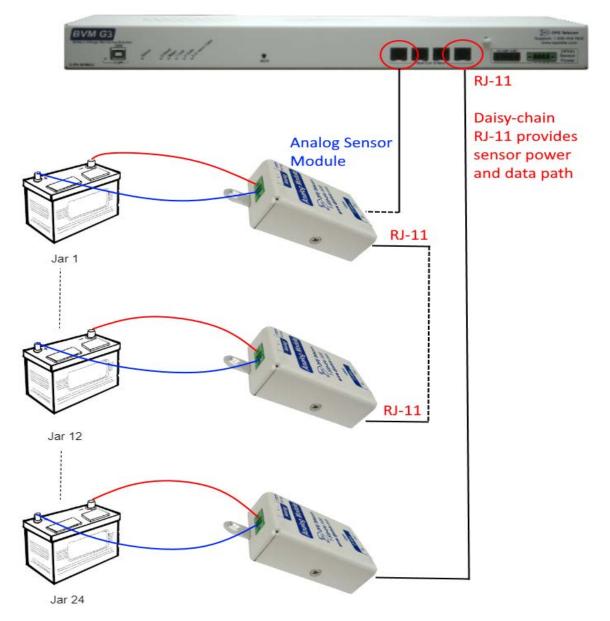
In addition to these threshold alarms, the BVM also sends notifications should a battery jar fall out of its normal (average) range by more than a desired percentage. Your SNMP manager issues periodic GET requests against specific cells, and offers both instant readings and trending to track battery voltages over time.

In an alternate configuration with a NetGuardian 832A or 864A, the BVM's threshold alarms are passed through as local NetGuardian analogs. This configuration gives you the advantage of reporting alarms from the same IP address as the NetGuardian. The BVM G3 also makes a great standalone, battery health and remote site equipment monitoring solution.

Wireless D-Wire Sensors

Wireless applications are available to extend the distance between the BVM G3 and where your batteries are located by up to 1 mile.

Wireless battery sensor connected to the battery post

Specifications

Discretes Alarms	8	**Interfaces**	8 Spring clamp connectors for discretes,
Analog Alarms	6 user		
	1 power input		8 Spring clamp connectors for analogs,
Analog Input Range	-90 to 90VDC (4-20 mA)		
Analog Thresholds	4 per channel		4 RJ12 jacks for digital sensors,
Ping Targets	32		1 connector for relays,
			1 RJ45 Ethernet port
Protocols	SNMP (v1, v2c, v3), HTTP, HTTPS, Telnet, Email, DCPx, ICMP	**Audible Notification**	Yes, via front panel speaker
		Operating Temp.	32° to 140° F (0° to 60° C)
Mounting	19" or "23" rack, wall mount	**Operating Humidity**	0% to 95% non-condensing
Power Input	-48VDC (Other voltage options available)	**RoHS**	RoHS 5 Approved
Current Draw	100mA @ -48VDC		

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