



NetGuardian G6 832A



Overview:

The NetGuardian G6 832A is a powerful, compact LAN-based alarm collector that provides network managers with remote visibility of their IP network elements. With 32 ping alarms, 32 discrete alarms, 8 analog inputs, and 8 controls, this versatile unit is an ideal network monitoring solution for medium and large sites.

In addition to network and environmental alarms and controls, the NetGuardian also acts as a terminal server for 8 serial ports, giving you a convenient path to legacy devices - or even a backup path to more modern gear.

Alarms can be reported via SNMP (v1-v3) or to the T/Mon alarm master. The integrated LCD screen and speaker (with volume knob) make it easy to check alarms locally. The web interface is fast and secure (TLS v1.2).

The NetGuardian 832A is easy to install. Alarm wiring can be terminated to the 50-pin amphenol connectors using standard 66 blocks, or with optional wire-wrap/pluggable back panels. The unit mounts quickly in either 19" or 23" equipment racks while occupying only one rack unit of space.

Additional options include a built-in sensor power supply, dual power feeds, integrated temperature and battery sensors, and external temperature sensor port.

The versatility, capacity, and reliability of the NetGuardian 832A have made it a trusted RTU for over 20 years.

Benefits:

- Web interface (TLS v1.2) - no master station is required
- Supports SNMP v1, v2c, & v3
- Optional local SNMP collection of alarms from site devices
- Optional local MODBUS register polling from site devices
- Expand to 176 discretes/32 control relays with NetGuardian Expansion Units
- Dual NICs to communicate on two networks without routing between them
- Dual power feeds with separate A and B fuses for increased reliability
- 8 RS232 ports and 1 RS485 port for increased terminal server functionality
- Convenient access panel for adjusting analogs (VDC or 4-20mA) and control relays
- 2-year hardware warranty
- **30-DAY NO-RISK MONEY-BACK GUARANTEE**



NetGuardian G6 832A Back Panel:



Specifications:

Discrete Alarms:	32
Analog Inputs:	8
Control Relay Outputs:	8 (Form C)
Relay Max Voltage:	60VDC / 120VAC
Relay Max Current:	1 Amp, AC/DC
Ping Alarms:	32
*Power Inputs:	+/- 12/24/48 VDC
Current Draw:	200mA @ 48VDC 400mA @ 24VDC
Fuse:	1.5 or 3/4 AMP GMT
*Protocols:	SNMP(v1, v2c, v3), DCPx, TELNET, HTTP, HTTPS, TTY, TRIP, ICMP

*Interfaces:	8 RJ45 Yost RS-232 ports 2 RJ45 Ethernet 10/100BaseT port 1 RJ11 Telco jack 2 50-pin amphenol connectors
Operating Temp:	32°-140° F (0°-60° C) Industrial option available: -22°-158° F (-30°-70° C)
Operating Hum:	0%-95% non-condensing
RoHS:	5 of 6
MTBF:	60 Years
Dimensions:	1.75" H x 17" W x 12.75" D
Weight:	4 lbs 3 oz
Mounting:	19" or 23" rack

Optional Features:

- **Built-in sensor power supply** - Eliminates the need for an additional power supply for your sensors (12V or 24V).
- **Integrated temperature and battery sensors** - Eliminates the cost and setup time of installing external sensors.
- **External D-Wire sensors** - Allows you to daisy-chain sensors for temperature, air flow, humidity, vibration, and more for hundreds of feet from a single port on the NetGuardian.
- **4-Port Integrated Switch** - Allows you to provide LAN to site devices without the expense or space requirements of a dedicated switch.
- **Dual SFP Fiber Interface** - Provides an alternative to LAN transport. Alarms can be reported from environments without Ethernet. Compatible with SFPs between 0.550 km and 180 km.
- **Industrial Temperature Version** - Designed to withstand the most extreme temperatures. Perfect for outside-plant use.
- **Real-Time Clock** - Keep time during power failures to maintain consistent time stamps.
- **Netguardian 864A** - Twice the discrete alarm capacity of the 832A for larger sites. Uses 1 pin per alarm instead of 2.

- **Wireless Connection** - An optional external wireless modem gives network connectivity without artificially limiting NetGuardian lifespan when wireless networks are upgraded.
- **Local SNMP/MODBUS Management** - Collect alarms from any SNMP/MODBUS device on your network, typically other site equipment. This data can be aggregated with alarms from any other source before reporting.
- **Optional Battery Sensors** - Monitor individual batteries in your string(s) for temperature, voltage, and internal resistance.



Battery sensors allow the NetGuardian to monitor your long-term battery health: voltage, temperature, and internal resistance.

Sales: (800) 622-3314 Support: (559) 454-1600

www.dpstele.com