



NetGuardian 8A

Front Panel:



Overview:

Analog inputs provide valuable information about your network. Rather than providing binary inputs like discrete alarms (door open/closed, power active/fail, etc.), analogs provide information on a scale. Temperature ("83.6 degrees"), voltages ("-47.89 VDC"), fuel levels ("16% remaining") and other metrics that can have more than two states are best monitored by analog inputs for the most accurate readings.

The trouble is, if you want an RTU that has lots of analogs, you usually have to pay for a lot of discretely and controls as well. That's a waste at sites where your primary need is for analogs. You end up overpaying for your RTU and only using a few of its features.

You need a unit that is designed with your network in mind: an RTU that is focused more on analog inputs than discrete alarms or controls relays. That gives you the capacity you need to monitor your environmental, propane tanks, or voltages - without forcing you to buy more RTU than you need.

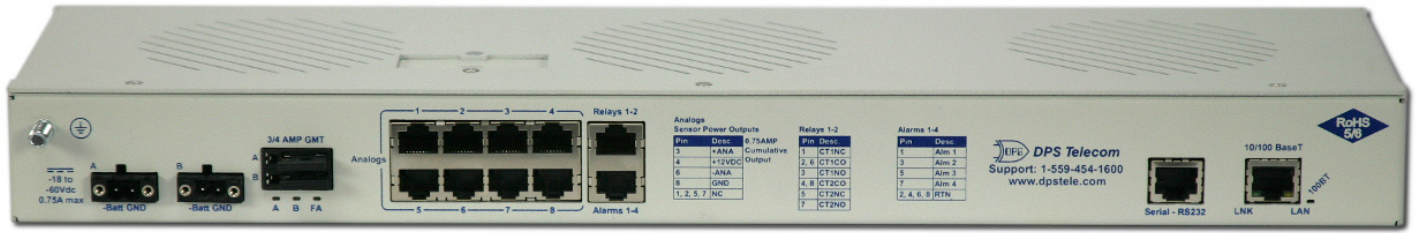
That's where the NetGuardian 8A by DPS Telecom comes in. This small RTU offers 8 analogs, which are terminated by RJ45 connectors, reducing the amount of troublesome wiring needed to monitor your environmental. Each analog has 4 user-configurable thresholds (Major Under, Minor Under, Minor Over, and Major), giving you an accurate picture of the conditions at your remote sites.

The NetGuardian 8A also has 4 opto-isolated discrete alarms (TTL only) and 2 Form C relays. These are also terminated by RJ45 connectors, making it easier than ever to connect to your RTU. This way, you can monitor the binary conditions at your site and also have the capability to remotely control a piece of equipment.

The NetGuardian 8A comes standard with 1 internal temperature sensor and 1-RJ11 plug, allowing up to 16 D-Wire sensors to be daisy-chained together. The RS232 "reach through" serial port will allow you to configure devices connected to this unit using the easy-to-use web browser interface.

Don't overpay for features you won't use just to get the analog capacity you need - get the NetGuardian 8A for your analog network needs.

Back Panel:



Benefits:

- Small unit with a large amount of analogs, making it more cost effective compared to other RTUs.
- RJ45 termination for analogs, discretives, and relays, making it easier to connect your devices and reduces complicated wiring.
- 4 opto-isolated discrete alarms (TTL only)
- 1 built-in temperature sensor for environmental monitoring
- 1 D-wire port - daisy-chain up to 16 sensors for better environmental monitoring.

Specifications:

Discrete Alarms:	4 (opto-isolated, TTL only)
Analog Inputs:	8
Control Relay Outputs:	2 (Form C)
Max Voltage:	60VDC / 120VAC
Max Current:	1 Amp, AC/DC
Ping Alarms:	32
*Power Inputs:	Dual -24/48 Vdc
Current Draw:	500mA @ -48VDC
Fuse:	3/4 Amp GMT
*Interfaces:	10 RJ45 ports 1 RJ11 telco jack 1 RS232 serial port 1 USB Craft port

*Protocols:	SNMPv1, v2c, and v3 DCPx, DCPf, TRIP, SNPP, SMTP, TAP, HTTP, FTP, Telnet, ICMP, RADIUS
Operating Temp:	32°-140° F (0°-60° C)
Operating Hum:	0% -95% non-condensing
Visual Interface:	11 LEDs
Audible:	Front panel alarm speaker
RoHS:	5 of 6
MTBF:	60 Years
Dimensions:	1.75" H x 8.11" W x 4.25" D
Weight:	14.88 oz
Mounting:	19" or 23" rack

*Other Features and Options:



HTTPS (secure web)
Internal temp sensors
Battery & voltage monitoring
Industrial operating temperature

Industrial Operating Temp
RS232/485/202
D-Wire ports for sensor network
+12/+24 sensor power input

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

www.dpstele.com