"Your Partners in Network Reliability Management'

NetGuardian 16A with 420 Alarming

Maximize Your Analog Capacity in a single RU

The NetGuardian 16A provides 16 analog inputs and 16 D-Wire (analog) sensor inputs

Benefits of the NetGuardian 16A

- **High analog concentration: 16 inputs in a single RU**

- **Includes an additional 2 analogs to monitor power input feeds**

- **Optional front-side D-Wire input allows for an additional 31 sensors**

- **Integrated temperature sensor for local temperature monitoring**

- **Includes NetGuardian 420 Alarming - 20 discrete inputs, 4 form C control relays**

- **Includes a serial port for reach-through access to on-site equipment**

- **Provides 16 ping targets to verify network connectivity of networked equipment**

- **Reports SNMP traps to your SNMP master station**

- **Email alarm notifications direct to up to 8 technicians**

- **Configurable over LAN with the NetGuardian web interface**

Overview

In the past, if you needed to monitor a high concentration of analog qualities for your SCADA process, server room, etc., you may have had to install multiple RTUs or sacrifice alarm capacity for increased analog capacity.

Now, with the NetGuardian 16 A, you don't have to sacrifice alarm capacity or rack space to get the analog concentration and coverage you need at your remote site.

The NetGuardian 16A comes standard with 16 user-configurable analog inputs - our highest capacity offering in a single RU. Connect sensors to measure temperature, humidity, wind speed, direction, generator fuel levels, and other quantities you need to closely monitor activities at your remote locations
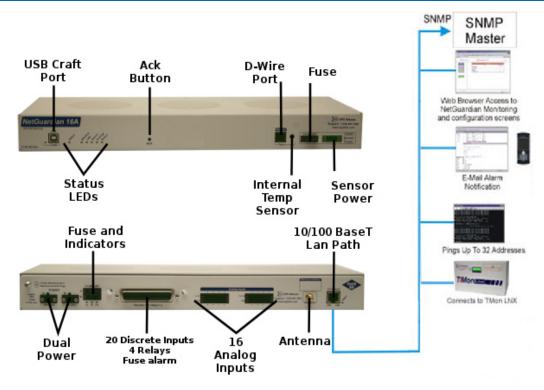
In addition to the NetGuardian 16A's standard analog inputs, the unit also includes a D-Wire sensor port, allowing you to connect another 16 sensors to the NetGuardian. D-Wire sensors measure analog qualities just like your standard analog sensors, and connect to the NetGuardian via simple RJ-11 connections. You can extend up to 16 sensors in a daisy chain up to 800 feet from the NetGuardian.

You don't have to sacrifice for your added analog capacity either, because the NetGuardian 16A comes with 20 discrete inputs and 4 control relays. With the NetGuardian 16A, you can monitor all the analogs you need, while still bringing in dry contacts from your equipment and operating controls as necessary.

From the NetGuardian's easy-to-use web interface, you will configure your RTU to send SNMP traps to your SNMP manager, communicate with your T/Mon alarm master station, and send alarm notifications via email direct to technicians.

If you're looking for a fully functional RTU with a high analog capacity, look no further than the NetGuardian 16A.

NetGuardian 16A Application

You can monitor NetGuardian alarms via your SNMP master, T/Mon, or by logging directly in to the NetGuardian's web interface. You can also configure your NetGuardian to send alarm notifications by email direct to up to 8 technicians.

Specifications

Analog Inputs	16 All-Purpose analog inputs 2 Power Feed analog channels 1 Integrated temp sensor (optional)	**Interfaces:**	1 RJ45 Yost serial port 1 RJ45 10/100 Ethernet port 1 USB Craft Port 1 50-pin amphenol connector for discretes & relays,
Discrete Inputs	20		8 4-pin screw plug for analogs 1 D-Wire sensor input (Optional)
Control Relays:	4 (2 Form A, 2 Form C)		
Max. Voltage:	60VDC / 120VAC	**Dimensions:**	1.75" H x 17" W x 7.5" D
Max. Current:	1 Amp, AC/DC	**Mounting:**	19" or 23" rack
Ping Alarms:	16	**Weight**	3.5 lbs
D-Wire Input: **(optional)**	31 daisy-chained sensors (800 ft. sensor chain max)	**Visual Interface:**	7 front-side LEDs
		Operating Temp:	32°-140° F (0°-60° C)
Protocols:	SNMPv1, v2c, DCPx, DCPf, SNPP, SMTP, HTTP, HTTPS FTP, Telnet, ICMP	**Operating Humidity:**	0% -95% non-condensing
		Build Options:	Front-Side D-Wire Sensor Input Internal Temperature Sensor **Serial port options:** RS232, RS485,or 202 modem
Power Input **Options:**	-48VDC (-36 to -72VDC) For additional power options, contact DPS Telecom		
Current Draw:	250mA @ -48VDC	**RoHS:**	5 of 6
Alternate Build **Options:**	16 Discretes 8 control relays (6 Form A, 2 Form C)		

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All DPS Telecom products are made in Fresno, California and backed by our 30-Day, No-Risk Guarantee:
"If you buy our equipment and are not satisfied for any reason during the first 30 days, simply return it for a full refund."