



# NetGuardian 432 G4

## Maximize Discrete Alarm Capacity in a single RU



**Simplicity and visibility:** The NetGuardian 432 G4 has the discrete alarm capacity to monitor an entire site, creating a low-cost, easy-to-configure monitoring solution.

### Overview:

The NetGuardian 432 G4 is a specialized variant of our popular NetGuardian alarm remote, optimized for use as a high-capacity SNMP or DCP responder, providing 32 points in a single rack unit.

The NetGuardian 432 G4's dense alarm coverage gives you the convenience of a single-box solution, saves you the cost of buying multiple low-capacity RTUs, and offers our most economic cost per point.

In addition to the high discrete input capacity, the NetGuardian also comes with 4 control relays for switching on-site equipment. You can even derive your control relays to operate based on the status of alarms, providing an automated response to alarms on-site.

You can order your NetGuardian with an optional D-Wire expansion port as well, allowing you to connect a string of up to 16 analog sensors directly to the NetGuardian 432 G4. From the one D-Wire port, you can extend a chain of sensors up to 600 feet from the NetGuardian.

You'll configure the NetGuardian 432 G4 via the unit's simple web interface. Now, from anywhere on your network with access to the NetGuardian, you can database points, configure the unit to send SNMP traps, and monitor alarms.

In addition to reporting to your SNMP or T/Mon alarm master stations, the NetGuardian 432 G4 can also send email notifications for alarms. You can configure up to 8 different email notifications, to ensure that the right technician always knows about the right alarm at the right time.

The NetGuardian 432 G4 provides the discrete alarm capacity you need to handle almost any site, without sacrificing the control relays and analog inputs you need to fully monitor your remote locations.

### The NetGuardian 432 G4 has more features to give you complete visibility of your remote site:

- Email notifications — stay in the loop from your smartphone or any computer with email access
- Four control relays for operating backup equipment and security devices or rebooting remote equipment — control remote site equipment directly from your SNMP manager or NOC and save on windshield time.
- Front panel LEDs give immediate local visibility of alarm state and network status.
- Web configuration utility, for easy provisioning, alarm monitoring, and diagnostics.
- Dual power feeds, for a sound power diversity strategy, are standard on the NetGuardian 480.

## Benefits:

- 32 Discrete Alarm Points — Cover your entire site with a single unit
- 2 pins per alarm point
- Convenient single-box solution saves costs of buying multiple units — economical cost per point
- Reports to multiple SNMP managers and T/Mon
- 64 ping targets with auto-discovery
- Configurable alarm descriptions include detailed, actionable alarm data in SNMP traps
- Sends email notification of alarms
- Built-in web interface for unit configuration and standalone monitoring
- Standard dual -48 VDC power inputs for redundant power facilities
- Four control relays for controlling site equipment and security devices
- D-Wire Option allows you to add analog coverage (up to 16 sensors)
- Includes a serial port reach-through access or a modem for backup transport
- FREE lifetime firmware upgrades
- 30-DAY NO-RISK MONEY-BACK GUARANTEE

## Specifications:

<b>Discrete Alarms:</b>	32
<b>Analog Inputs:</b>	0
<b>Control Relay Outputs:</b>	4
<b>Max Voltage:</b>	60VDC / 120VAC
<b>Max Current:</b>	1 Amp, AC/DC
<b>Ping Alarms:</b>	32
<b>*Power Inputs:</b>	- 48VDC (other options available)
<b>Current Draw:</b>	50mA @ -48VDC
<b>Fuse:</b>	3/4 Amp GMT
<b>*Interfaces:</b>	2 50-pin amphenols (discrete inputs/control relays) 1 RJ45 10/100BaseT Ethernet 1 Serial Port (RS232, RS485, 202) 33.6 Modem 1 USB Craft Port

<b>*Protocols:</b>	SNMPv1, v2c, and v3 DCPx, DCPf, TRIP, SNPP, SMTP, TAP, HTTP, FTP, Telnet, ICMP, RADIUS
<b>Operating Temp:</b>	32°-140° F (0°-60° C)
<b>Operating Hum:</b>	0% -95% non-condensing
<b>Visual Interface:</b>	7 LEDs,
<b>RoHS:</b>	5 of 6
<b>MTBF:</b>	60 Years
<b>Dimensions:</b>	1.72" H x 17.0" W x 5.14" D
<b>Weight:</b>	4 lbs 3 oz
<b>Mounting:</b>	19" or 23" rack

## \*Other Ordering Options:

The NetGuardian 480 G4  
-80 discrete inputs

