



# NetGuardian V16 G2



## Overview:

With the NetGuardian V16 G2, you can receive custom voice alerts directly to your phone - complete with a customized alarm description, site name, and point information. When a problem occurs, this device saves you the trouble of deciphering an alphanumeric page by telling you in crystal clear sound exactly what you need to know.

The unit supports a handy DTMF call-in feature, allowing you to monitor and acknowledge alarms at your sites using your phone - no traveling back to the NOC just to acknowledge an alarm.

Alarms can also be reported via email or via SNMP traps (to T/Mon, DNP3 masters, or SNMP trap managers). This medium-capacity device features a versatile array of notification methods to guarantee an alarm never goes unnoticed.

The NetGuardian V16 G2 features support for 16 discrete alarm points, 6 analog inputs, 32 ping targets, and 2 or 18 control relays (depending on build). When used with a DPS master station, the unit also has TRIP dialup backup reporting path for extra reliability in instances that LAN connection is lost or unavailable.

This device has the alarm coverage you need to monitor your small and medium sites. The notification methods ensure you can respond to potential network disruptions before your network goes down.

## Benefits:

- **Voice phone call alerts**
- Flexible design for medium sites
- SNMP traps, DNP3, and email notifications
- 16 discrete alarms - Monitor a wide variety of digital inputs
- 6 analogs (4 general purpose, 2 battery monitoring)
- 2 or 18 Form C relays (depending on your build option)
- 16 D-Wire sensors (1 reserved for internal temperature) with history logging
- 32 ping targets - notify you when critical equipment goes offline
- 33.6k modem supports data and voice
- Supports RADIUS Authentication
- Cellular option (GSM or CDMA)
- Convenient and secure web browser interface using HTTPS
- Dual -48VDC Power Supplies
- Free LIFETIME firmware upgrades

## Back Panel:



- Dual Power Inputs (Dual Fuses)
- Telco Jack
- Amphenol to easily connect discretes, analogs, and controls
- LAN port for SNMP and web browser access

### NetGuardian M16 G2 Option:

If you love everything about the V16 G2, but don't need the voice option, the NetGuardian M16 G2 is the device for you. With all the same capacity of the NetGuardian V16 G2, the M16 G2 is a medium capacity remote, with the addition of a RS232 serial port for reach through.



## Specifications:

<b>Discrete Alarms:</b>	16
<b>Analog Inputs:</b>	6
<b>Control Relay Outputs:</b>	2 or 18 (build option)
<b>Max Voltage:</b>	60VDC / 120VAC
<b>Max Current:</b>	1 Amp, AC/DC
<b>Ping Alarms:</b>	32
<b>*Power Inputs:</b>	- 48Vdc, +/- 24Vdc
<b>Current Draw:</b>	200mA @ 48VDC 400mA @ 24VDC
<b>Fuse:</b>	3/4 Amp GMT
<b>*Interfaces:</b>	1 RJ45 Ethernet Port 1 RJ11 D-Wire Port 1 - 50-pin amphenol 1 Telco Jack

<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>	11 LEDs
<b>Audible:</b>	Front panel alarm speaker
<b>RoHS:</b>	5 of 6
<b>MTBF:</b>	60 Years
<b>Dimensions:</b>	1.7"H x 17"W x 6.6" D
<b>Weight:</b>	2.25 lbs
<b>Mounting:</b>	19" or 23" rack

### \*Other Features and Options on DPS Products:



HTTPS (secure web)  
Telco dialup  
Internal temp sensors  
Battery & voltage monitoring  
Industrial operating temperature  
Dual power

RS232/485/202  
Dual NICs  
D-Wire ports  
+12/+24 sensor power  
Power inputs

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

[www.dpstele.com](http://www.dpstele.com)