

# NetGuardian 216T G2



*The NetGuardian 216T G2 is a feature-rich RTU that gives you the power to report up to 16 contact closures over T1 or E1.*

## Summary of Benefits

- 16 discrete alarm points
- Reports SNMP v1/v2c/v3 to multiple managers (T/Mon, HP OpenView, etc.)
- Hardware Acceleration for secure web browser and SSH interface
- Sends Email Notifications
- 7 port 10/100BaseT switch
- 6 analog inputs
- 2 control relays
- LCD front panel visual status
- RS232 serial ports for reach-through access or for use with T/Mon's ASCII processor
- D-Wire Sensor support (supporting up to 16 temperature or humidity sensors) with history logging
- Dual power inputs (multiple input voltages and connector types available)
- Industrial operating temperature range (-30°C to 70°C)
- RoHS 5 of 6 compliant
- 7x24 tech support
- Telco-grade: built to last
- 30 day money back guarantee

## Overview

The NetGuardian 216T G2 is a wide temperature range, T1 and Ethernet-based remote telemetry unit supporting both SNMP and DCPx reporting protocols. Supports standard link protocols Frame Relay/T1 as well as PPP/T1, and you can bring LAN to areas without Ethernet with its built in 7 port switch.

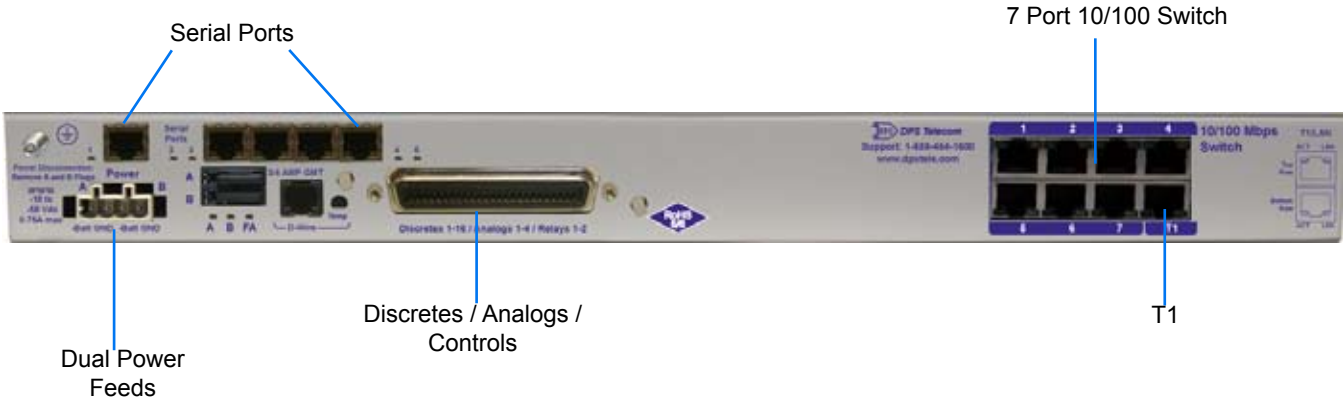
This device comes standard with support for up to 16 "software reversible" inputs (supports both N/O and N/C alarm wiring discrete alarms), 4 analog inputs, 2 control relays, and support for up to 16 D-Wire Sensor Network.

The unit also comes standard with dual power feeds (multiple input voltages and connector types available). This means you can connect the secondary power feed to a backup power source. The dual power feeds will automatically draw from both power sources and provide an internal alarm if one source fails.

The web browser interface offers an easy and convenient tool for centralized alarm management and configuration. The user-friendly interface allows complete access to all of the functions of the unit and gives you 24/7 access to your devices from any computer with connection to the network.

With the NetGuardian 216T, you'll have a full-feature RTU to bring visibility to sites with only T1 transport connectivity.

Final Back Panel Configuration May Differ From This Image



NetGuardian 216 T G2 Back Panel

# Specifications

<p><b>Discrete Alarms:</b> 16</p> <p><b>Analog Alarms:</b> 6 (4 general purpose)</p> <p style="padding-left: 20px;"><b>Input Range:</b> -94 to +94 VDC or 4-20mA</p> <p style="padding-left: 20px;"><b>Accuracy:</b> +/- 1%</p> <p><b>D-Wire Sensors:</b> Up to 16</p> <p><b>Control Relays:</b> 2 form C</p> <p style="padding-left: 20px;"><b>Max. Voltage:</b> 60 VDC</p> <p><b>Protocols:</b> SNMP v1/v2c/v3, DCPx, TELNET, HTTP, HTTPS, SSH, PPP, Frame Relay</p> <p><b>Power Input Options:</b> -48 VDC (-20 to -58 VDC) (Optional) + or - 12/24 VDC (Optional) 110/220 VAC</p> <p style="padding-left: 20px;"><b>Fuse:</b> 2 (3/4 AMP GMT)</p> <p><b>Dimensions:</b> 1.720"H x 8.126"W x 7.146"D (4.39 cm x 20.641 cm x 18.152 cm)</p> <p><b>Power Monitoring:</b> Dual input feed monitoring</p>	<p><b>Web/SSH Interface:</b> Secure web access (hardware accelerator for HTTPS and SSH)</p> <p><b>Visual Interfaces:</b> 1 LCD display 19 back panel LEDs 15 front panel LEDs</p> <p><b>Interfaces:</b> 1 RJ45 for T1 WAN 7 RJ45 10/100BaseT Ethernet ports 1 or 5 RS232 serial ports 1 DB9 craft port 1 50-pin amphenol connector 1 RJ11 D-Wire sensor port</p> <p><b>Weight:</b> 4 lbs</p> <p><b>Mounting:</b> 19" or 23" rack</p> <p><b>Operating Temperature:</b> -22° - 158° F (30°-70° C)</p> <p><b>Operating Humidity:</b> 0% - 95% noncondensing</p> <p><b>MTBF:</b> 60 years</p> <p><b>RoHS Approved:</b> 5/6</p>
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