

NetGuardian ENV

Compact RTU with Built-In Battery Voltage Monitoring

RoHS
5/6



With 8 discrete inputs, 6 analogs, and 6 relays - plus full support for the D-Wire sensor network - the NetGuardian ENV is well-equipped to monitor your medium-sized sites.

NetGuardian ENV Benefits

- 8 discrete inputs
- Up to 6 analog inputs
- Up to 4 control relay outputs
- SNMP v1, v2c, or v3 trap notifications
- D-Wire sensor input so you can add up to 15 additional sensors (including battery voltage)
- Report alarms to the T/Mon master station or multiple SNMP managers.
- Optional telco modem
- RS232 reach-through for legacy-device management
- Full support for HID proxy reader to control remote door access
- +24 VDC sensor power supply so your sensors stay online
- Front-facing ports for alarm termination for easy installation and maintenance
- Integrated web browser interface for convenient configuration and management
- 24/7 e-mail and SMS notifications
- Free lifetime firmware upgrades
- 30-DAY NO-RISK MONEY-BACK GUARANTEE

Overview

The NetGuardian ENV is a compact way to monitor your small and medium remote sites. This powerful LAN-based SNMP remote has the right capacity for these sites without wasting your budget. It has 8 discrete inputs, up to 6 analog inputs, up to 4 control relay outputs, and full support for daisy-chained D-Wire sensors.

When a problem occurs, the NetGuardian ENV can notify you in a variety of ways. Notification types include SNMP Traps (v1, v2c or v3), text message, T/Mon master station, E-mail, and paging through e-mail.

In addition to network and environmental alarms and controls, this NetGuardian also includes terminal server functionality for a single RS232 port. You can remotely access legacy serial equipment over LAN using this reach-through capability.

The NetGuardian ENV is easy to install, with connectors for all serial and LAN ports, as well as alarm, analog, and control wiring. Ports are located on the front panel for easy access. The unit mounts quickly in either 19" or 23" equipment racks while occupying only one rack unit of space.

Provisioning of the NetGuardian ENV can be easily accomplished using any Web Browser or generic TTY terminal. This can be done on site, using the front panel USB craft port, or remotely via LAN or telco modem (optional). The entire configuration is saved on the NetGuardian where it remains secure through power outages in non-volatile RAM.

The versatility and reliability of the NetGuardian ENV make it an excellent choice at many of your small and medium remote facilities.

Interface

Built-In Web Interface

Conveniently configure and monitor the NetGuardian ENV from its built-in web interface. Although you'll probably have an SNMP manager for larger deployments, this can be your primary monitoring interface if you have just a few sites.

The screenshot displays the web interface for the NetGuardian ENV. On the left is a navigation menu with categories: Monitor Menus (Alarms, Controls, Sensors, Ping Targets), Edit Menus (System, Ethernet, Serial Port, Notifications, Alarms, Controls, Sensors, Ping Targets, Date and Time, Timers, Reboot), and a top bar with 'DPS Telecom' and 'Upload | Logout | MyDPS'. The main content area is titled 'System Settings' and includes sections for 'Global System Settings' (Name, Location, Contact, 'From' E-mail address, SNMP Get/Set Strings, User, Password), 'DCP Responder Settings' (Disable DCP, DCP over LAN, DCP over Serial, DCP Unit ID / Protocol, DCP over LAN port / protocol, DCP over Serial), and 'System Controls' (Initialize Configuration, Backup Configuration, Restore Configuration, Get history, Erase history). Buttons for 'Initialize', 'Save', 'Upload', 'Get', 'Erase', 'Reset', and 'Save' are visible.

Accessories

D-PK-ECUG3



Building Access System

The Building Access System gives network alarm managers the ability to control and regulate door entry access.

Door Entry Control



Proximity Reader: The weather-proofed proximity reader is mounted outside the building. Designed to withstand a wide temperature range, the ECU supports +12V, 26-bit or 37-bit Wiegand card readers.

D-Wire Sensor Network



Daisy-chain up to 15 of these rugged sensors from your NetGuardian. Both power and communication are handled by a simple RJ-12 cable. A variety of sensors are available, including temperature, humidity, and battery voltage.

Specifications

Protocols:	SNMPv1, v2c, and v3; DCPx, TRIP, SMTP
Discrete Alarm Inputs:	8
Control Outputs:	Up to 4 Form C
Max. Voltage:	60 VDC/120 VAC
Max. Current:	3/4 Amp, AC/DC
Ping Alarms:	32
Analog Alarms:	up to 6
Input Range:	-94 to 94 VDC or 4 to 20 mA
Operating Temperature:	32° to 140°F (-0°- 60°C)
Operating Humidity:	0% to 95% non-condensing
Fuses:	3/4 Amp GMT for power inputs
Power Input:	-48VDC (-40 to -70VDC) (Dual)
Current draw:	30mA max at -48 VDC

Dimensions:	1.75" H x 17" W x 12" D (4.5 cm x 43.2 cm x 30.5 cm)
Weight:	4 lbs. 3 oz. (1.9 kg)
Mounting:	19" or 23" rack
Interfaces:	1 RJ45 10/100BaseT Ethernet port 1 USB Craft port 1 RS232 serial port 1 Building Access port +24v sensor power output 1 D-Wire sensor port 1 Telco modem (build option)

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