

Network agent

NetMan 101 Plus



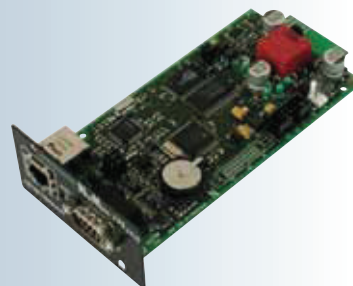
The NetMan Plus network agent allows UPS management across a LAN using any of the main network communication protocols - TCP/IP, HTTP and network interface (SNMP). NetMan Plus enabled UPS integrate easily into medium and large sized networks and provide reliable communications between the UPS and management systems employed.

Characteristics

- Configured via TELNET or a serial terminal
- Compatible with PowerShield³ and PowerNETGuard control software
- Supports the network interface (SNMP) standard communication protocol with proprietary RFC 1628 and MIB
- SNMP with RFC 3433 to manage the environmental sensors
- Integrated Web server for browser-based display
- TeleNetGuard modem compatible
- Firmware upgradeable through the serial port
- E-mail sent through SMTP server

Network agent

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Environmental Sensors

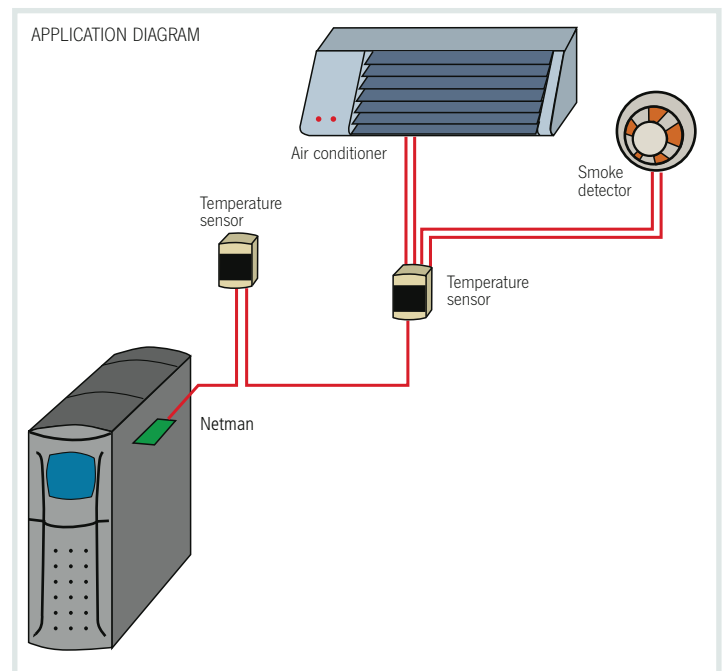
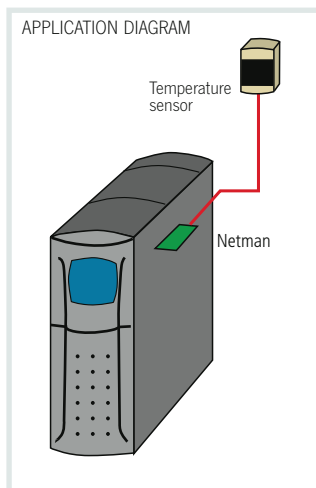


The Netman environmental sensors monitor and record environmental conditions as well as activities in protected areas and at the premises where the UPS is installed. The sensors provide extensive management and control, triggering cooling fans and locks in response to changes in temperature and humidity. Remote monitoring and control can be provided via the internet, SNMP and the Riello PowerShield³ software.

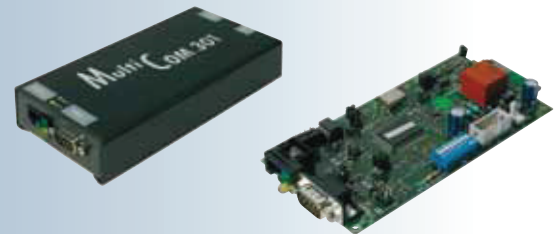
NetMan Plus can support up to 6 separate sensors. The environmental sensors are easy to install and do not need a separate external power supply.

The following sensors are available:

- Sensor for temperature: -55 +125 °C
- Sensor for temperature: -55 +125 °C and humidity: 0- 100%
- Sensor for temperature: -55 +125 °C and digital I/O:
0-12Vdc. In, 1A max Out 48Vdc



Protocol Converter Multicom 301/302



The MultiCOM 301/302 protocol converter may be used to monitor the UPS using the MODBUS/JBUS protocol on RS232 or RS485 serial lines. It can also manage a second independent RS232 serial line that can be used to connect to other devices such as the Netman 101 or a PC using PowerShield³ software.

Characteristics

- Port configuration for MODBUS/JBUS as RS232 or RS485
- Management of two independent serial lines
- Suitable for Building Management System (BMS) integration
- LED communication flow indicators
- Firmware upgradeable through the serial port