



NEW

NET485

RS422/485 SERIAL TO ETHERNET ADAPTER

Features

- Compact Size
- Serial Device Server using Xport™
- 10/100Mbps Ethernet – Auto-Sensing
- Ethernet Activity and Status LEDs
- Power LED
- Low cost
- 6-Page built-in Web Server
- 7-pole Terminal Block for data and power
- RS485 or RS422 Multi-drop support
- RS422 support (Half Duplex)
- External jumpers to enable Tx/Rx termination resistors.
- Wide temperature range –30 to 65 degC
- OEM and custom versions available
- Rijndael Encryption available

Applications

- Fire and Security Panels
- Vending Machines
- Point of Sale Terminals
- Remote equipment management
- IT management services
- Access Control
- Industrial Control
- Home Automation
- Instrumentation
- Building Control

The **Net485** is an economical RS422/485 Serial-to-Ethernet adapter that can quickly and easily be added to any device with a serial port, making that device Web-enabled. The Net485 is a single port serial device server that converts a serial port to an Ethernet Port, thus removing any cable length limitations and allowing for “serial tunneling” of a device through a LAN, WAN or the Internet.

The **Net485** is based on the powerful Xport™ device server, providing all the features of a high performance device server including a built-in web server for user customized web pages. The Net485 is configured via telnet or a web page. It features external jumpers to enable Tx/Rx termination resistors. *In most cases, these jumpers should be removed prior to use since the majority of applications do not require termination resistors.*

The **Net485** is powered by a terminal block connection (8-24VDC). The RS422/485 or RS485 Multi-drop network connections are also made via a terminal block on the Net485. The Net485 has a temperature range of –40 to +85 °C so it can be used in commercial and industrial applications.

The **Net485** has many uses and can be used anywhere a device server is used. It is possible to construct 485 multi-drop networks over Ethernet using Net485's. Applications include fire and security panels, vending machines, point of sale terminals, remote equipment management, IT management, access control, industrial control, home automation, instrumentation and many other applications that require an RS422/485 serial device to be networked.

OEM and custom labeled versions of the Net485 are available with a minimum order.

Part Number: GC-NET485-01
 Options: Surface Mount Strap, DIN-Rail Clip, Encryption
 Order On-Line: www.factorycomm.com
www.ipenabled.com
www.gridconnect.com



DIN Rail Clip



Surface Mount Strap