NET485 Adapter/Converter

Serial RS422/485 to Ethernet

**Quality network products.
Best customer service.**

NET485 is an economical Serial-to-Ethernet adapter that can quickly and easily be added to any device with a RS422 or RS485 serial port, making that device web-enabled. NET485 is a single port serial server, that converts a serial port to an Ethernet port, thus removing cable length limitations, and allowing for "serial tunneling" of a device through an Ethernet or TCP/IP network.

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.
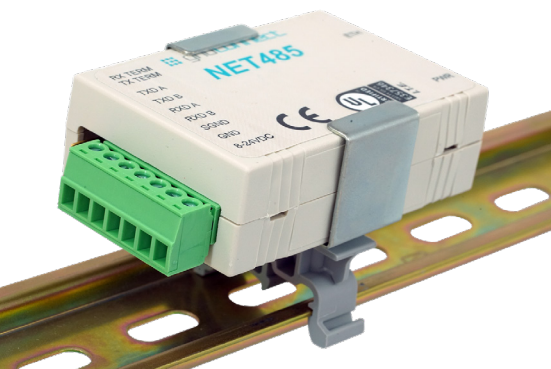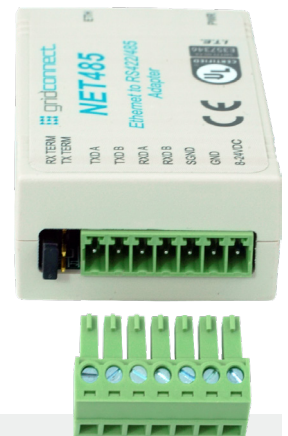
Powered by external DC voltage (range 8-24VDC) connected to the terminal block and with a wide temperature range, -30 to +65 degrees C, the NET485 can be used in commercial and industrial applications.

The NET485 has many uses and can be used anywhere a device server is used. These applications include fire and security panels, vending machines, point of sale terminals, access control, remote equipment, industrial control, instrumentation, IT management, home automation, and many other applications that require a simple serial device to be networked.

The NET485 is designed with a terminal block to easily connect all the serial and power connections.

OEM and custom labeled versions of the NET485 are available with a minimum order.

Encryption and Enhanced firmware versions are available. Other available protocol versions are Modbus, Modbus TCP and EtherNet/IP.

Optional Surface Mount

Applications

- Fire and Security Panels
- Vending Machines
- Remote equipment management
- Access Control
- Industrial Control
- Home Automation
- Instrumentation
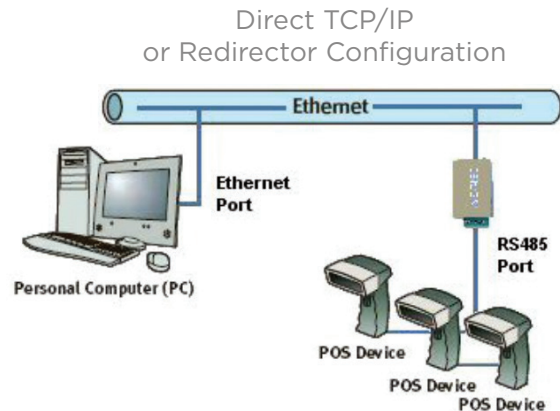- Power Management
- OEM and custom versions available

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NET485 Adapter/Converter
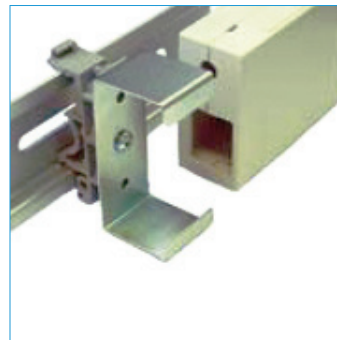## Serial RS422/485 to Ethernet

Features

- Compact Size
- 6-Page built-in Web Server
- 7 pole terminal block for all signals and power connections
- Both RS-422 and RS-485 Support
- Configurable 128, 192 or 256-bit AES Rijndael Encryption (Available)
- Wide temperature range –30 to 65 degrees Celsius
- External jumpers to enable TX/RX termination resistors
- Serial Device Server using XPort™
- Auto-sensing 10BASE-T/100BASE- TX compliant
- Selectable baud rate to 921K
- 7, 8 data bits, multi-drop control
- Ethernet Activity, Link and Power LEDs
- UL, CE, RoHS certified
- OEM and custom versions available

Serial Tunneling Configuration

Direct TCP/IP
or Redirector Configuration

Optional Surface Mount and DIN Rail Clips

DIN Rail Clip

Surface Mount Clip

Ordering information

Part Numbers	Description
GC-NET485-01	Serial RS422/485 to Ethernet
GC-NET485-ENH	Serial RS422/485 to Ethernet Enhanced Firmware
GC-NET485-MB	Modbus RTU/ASCII to Modbus TCP
GC-NET485-EIP-MB	Modbus RTU/ASCII to EtherNet/IP

- Surface Mount and DIN Rail Clips available
- Custom and OEM Specials are welcome!
- Modbus TCP, EtherNet/IP, & Enhanced Firmware versions are available.

Contact us

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