



## NET485-MB Serial Modbus to Modbus TCP

The NET485-MB Intelligent adapter converts a serial RS485/422 Modbus RTU/ASCII Server into a Modbus TCP Ethernet Server. Modbus Servers can now be used cheaply and simply with your Modbus TCP networks, thus extending the life of these Modbus nodes and opening them up to new applications.

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- Chips
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The NET485-MB is an intelligent Modbus RTU/ASCII to Modbus TCP gateway, with Modbus Master and Slave software built-in. The NET485-MB is a low cost, compact adapter that can be used with your existing Modbus RTU/ASCII serial device to allow it to be used on a Modbus TCP Ethernet Network.

The technology inside the NET485-MB is also available to embed inside your Modbus product – the XPORT-MB.

The Ethernet port of the NET485-MB supports both 10Base-T and 100Base-TX Ethernet connections. The serial port of the NET485-MB supports Modbus baud rates up to 115kbps.

The NET485-MB is available as an OEM part, and customization of the software is possible.

An RS232 Version (the NET232-MB) and wireless (WI232-MB) are also available.

## Serial Modbus to ModbusTCP

### Features

- Compact Size (2.5 x 1.58 x .794 in)
- Modbus RTU/ASCII Serial Client
- Modbus TCP Ethernet
- All Modbus registers and functions
- Terminal Block for 8-30VDC Power
- 10BASE-T/100BASE-TX compliant
- Auto-Sensing
- Ethernet Activity and Status LEDs
- Wide temperature range -40 °C to +85 °C
- OEM and custom versions available
- RoHS Compliant
- DIN-Rail Clip Optional

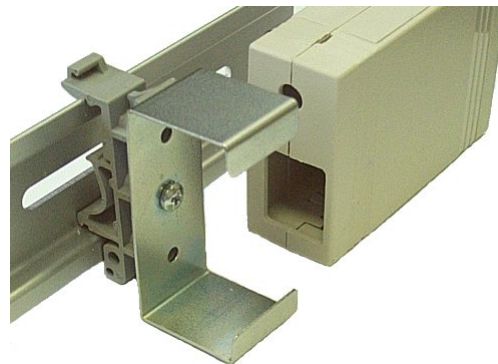
### Applications

- 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
- Power Management

### NET485-MB Circuit Board with Terminal Block for Power



### Optional DIN-Rail Clip



### Part Numbers:

GC-NET232-MB RS232 Modbus to ModbusTCP

**GC-NET485-MB RS485 Modbus to ModbusTCP**

GC-XPORT-MB Modbus to ModbusTCP RJ45

DTE (male) or DCE (female) versions are available

Can be powered using wall supply or terminal block versions