

## **NetBiter® RTU-TCP Gateway** **Bridges serial Modbus devices to Ethernet**

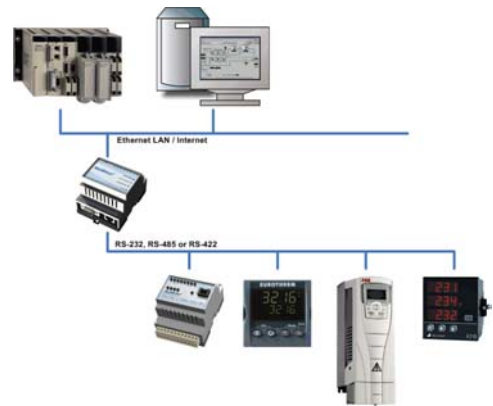
**NetBiter® RTU-TCP Gateway** connects serial Modbus RTU or Modbus ASCII devices with Ethernet and mobile networks. The gateway acts as a transparent bridge, translating Modbus TCP messages to serial Modbus RTU or Modbus ASCII messages. This allows control systems, such as PLCs, SCADA, etc. to communicate with the serial Modbus devices over the factory Ethernet LAN or even the Internet. By interfacing the RTU-TCP gateway with applications such as drives, power meters, temperature regulators, weigh scales, etc., it is possible to increase the distance between controller and application as well as making it easier to install a larger number of devices.

The NetBiter® RTU-TCP gateway connects with serial Modbus devices over RS-232, RS-485 or RS-422. Using RS-485 or RS-422 makes it possible to connect multiple devices through on RTU-TCP gateway, allowing up to 31 devices to be linked to one gateway. The gateway can also handle up to 10 Modbus TCP connections allowing multiple control simultaneous access to the devices.

- Connects serial Modbus devices with Modbus TCP
- One gateway can link up to 31 Modbus devices
- RS-232, RS-485 and RS-422 connectivity
- Connects with Ethernet or mobile networks
- 10/100 Mbit/s Ethernet
- Supports GSM/GPRS modem
- Web based configuration
- DIN rail mounting
- Indicators for network and serial status



In today's global market place it is crucial to be able to access the right information at the right time. Making equipment accessible via remote communication technology saves time and money throughout the organization. M2M (Machine-to-machine) technology can reduce travel costs, minimize downtime, provide accurate information instantaneously and make it possible to bring customer service to a new level.



The NetBiter® RTU-TCP Gateway is an off-the-shelf solution that makes it possible to integrate devices designed for serial Modbus communication with the control level networks without expensive engineering work and re-designs. The NetBiter® Serial Server is commonly used both for configuration and control of an application.

		
Ethernet connection	RJ45 (10/100 Mbit/sec)	RJ45 (10/100 Mbit/sec)
Mobile connection	External modem	External modem
Serial port #1	RS-232	RS-232
Serial port #1 baudrate	Up to 115,2 kbit/sec	Up to 115,2 kbit/sec
Serial Port #1 Connection	Female DB9	Female DB9
Serial port #2	RS-232/RS-485	RS-232/RS-485
Serial port #2 Baudrate	Up to 115,2 kbit/sec	Up to 115,2 kbit/sec
Serial port #2 connection	Screw terminal	Screw terminal
Operating temperature	0 - 60 deg °C	-40 to 70 °C
Mechanical Dimensions	90mm x 70mm x 58mm	92mm x 115mm x 25mm
Mounting	DIN 35	Wallmount or DIN35
Power supply	9-32 VAC/DC	9-32 VAC/DC
Current consumption	80mA@24VDC	80mA@24VDC
Certifications	EN 50081-2:1993, EN 61000-6-2:1999	EN 50081-2:1993, EN 61000-6-2:1999
Part no.	0120 9999 01	0120 9999 05

IntelliCom was founded 1996 and is today a leader within remote communication solutions and M2M technology. Our NetBiter® products have been deployed in over 40 countries.

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