Anybus Modbus RTU to TCP Gateway



With the Anybus Modbus gateway, you can connect Modbus RTU devices to Modbus-TCP networks. The gateway works as a translator (router) between the two networks allowing up to 32 Modbus RTU devices to be connected to a Modbus-TCP network.

TRANSPARENT CONVERSION

The gateway provides Modbus-TCP Server functionality and internally performs a completely transparent conversion between the Modbus-TCP and Modbus RTU protocols, giving users a lot of flexibility when doing system integration.

EASY WEB-BASED CONFIGURATION

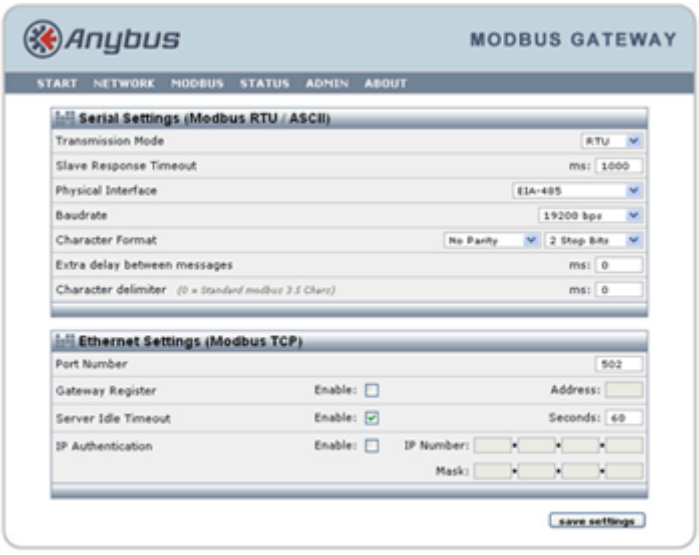
Configuration is easily done via the built-in web server. A self-instructive menu system will appear for device settings, diagnostics and troubleshooting.

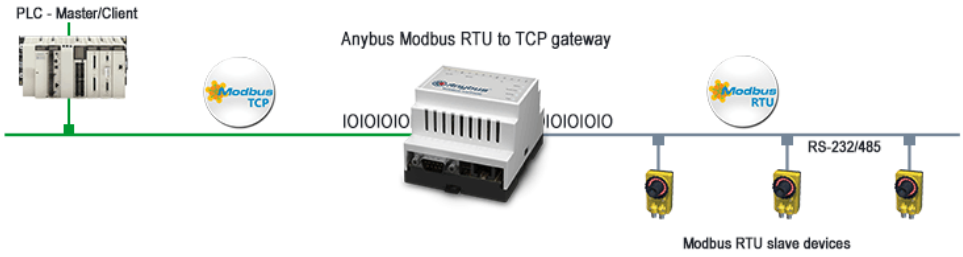
Features & Benefits

- Simple way to transmit I/O data between Modbus RTU and Modbus-TCP
- Function as a Modbus-TCP Server routing the Modbus-TCP client queries to Modbus-RTU and back
- Proven and trusted in thousands of Modbus applications
- Completely transparent data transfer giving users a lot of flexibility when doing system integration
- Serial port (RS232/RS485) and Ethernet port (10/100 Mbit)
- Modbus RTU Master functionality connecting up to 32 Modbus RTU slaves
- Digital inputs accessible from Modbus-TCP client
- Very simple configuration (node address, IP-address etc)
- Global free technical support and consultancy.

Configuration Highlights

Configuration is easily done via the built-in web server. Just start a web browser and type in the IP number of the gateway (you can set the IP address of choice with Anybus IPConfig software, available to download for free under files and documentation).
From here, an easy self-instructive menu system will appear for device settings, diagnostics and troubleshooting.





Technical specifications

Dimensions (L•W•H)	70 x 86 x 57,7mm	
Weight	50g	
Operating temperature	-40 to +65 °C or -40 to +185°F	
Power supply	9–24 V DC/AC	
Current consumption	70 mA@24 VDC (1.7 W)	
Ethernet port	1x RJ45	
RS232/485 serial connector	RS-232 via D-sub 9 Male, RS-485 via screw terminal	
Digital I/O Inputs	2x opto-isolated via screw terminal	
Mechanical rating	IP20, NEMA rating 1	
Mounting	DIN-rail (EN 50022 standard)	
Serial baudrate	300-115,200 bps	
Ethernet baudrate	10/100 Mbit/s	
Certifications	CE, UL, cUL	

Ordering information

Purchasing instructions and terms and conditions: → How to buy

ORDER CODE	**AB7702**
Included	Quick start guide, IP address settings via Anybus IPConfig software (Available to download under Files and Documentation) (Power supply not included)

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