

# Modbus 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. The gateway features a Modbus-TCP Server functionality and internally performs a transparent conversion between the Modbus-TCP and Modbus RTU protocols.



## Typical Industries



### In short

A transparent protocol converter between Modbus RTU and Modbus-TCP.

**Order code:**  
**AB7702**

## Application example



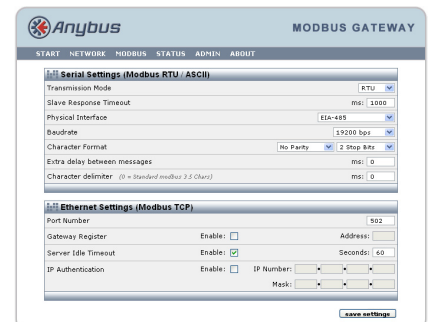
## Configuration

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 the accompanying Anybus IP Config software).

A self-instructive menu system will appear for device settings, diagnostics and troubleshooting.

## Features and 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).
- Connect up to 32 Modbus RTU slaves.
- Digital inputs accessible from Modbus-TCP client 10-24 VDC.
- Very simple configuration (node address, IP-address etc).
- DIN-rail mountable.
- UL and cUL (E325816).
- CE marked.
- Global free technical support and consultancy.



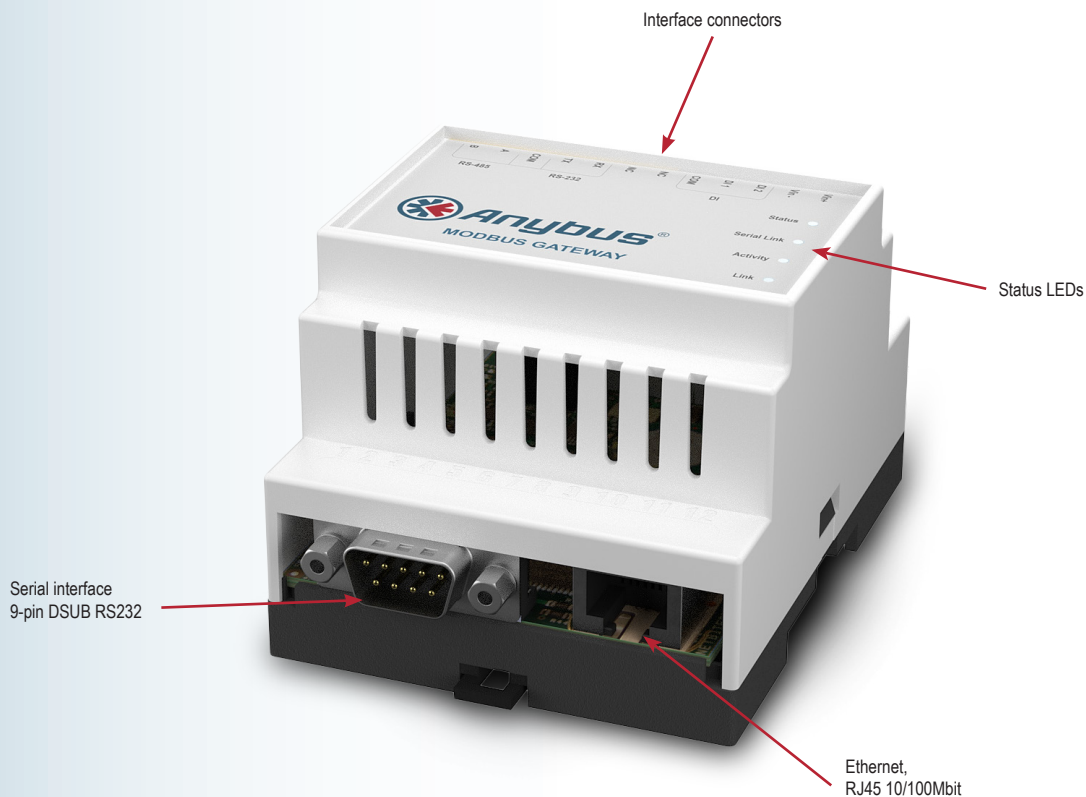
*Configure quickly and easily via a built-in web page.*



HMS provides a full 3 year product guarantee

## TECHNICAL SPECIFICATIONS

Technical Details		Standard
Dimensions (L•W•H)	90 mm • 70 mm • 58 mm	
Protection class	IP20	
Enclosure material	Plastic	
Baud rate	300 - 115200 bit/s	
Protocols	Modbus RTU, Modbus ASCII, Modbus-TCP/IP	
Mounting	DIN rail (35•7,5/15)	EN 50022
Certifications		
UL	File number: E214107	UL 508 Ind. Cont. Eq.
CE	2004/108/EC	EN61000-6-4 EN61000-6-2
Electrical Characteristics		
Power	9-24V AC/DC (2W)	
Current consumption	2 W	
Hardware Characteristics		
Reverse voltage protection	Yes	
Short circuit protection	Yes	
Environmental Characteristics		
Operating temp	-40 to 65 °C	IEC 68-2-1, IEC 68-2-2



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