



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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



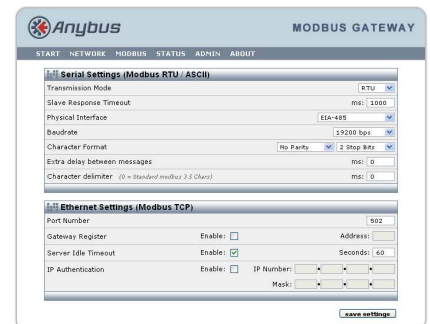
Configuration

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.



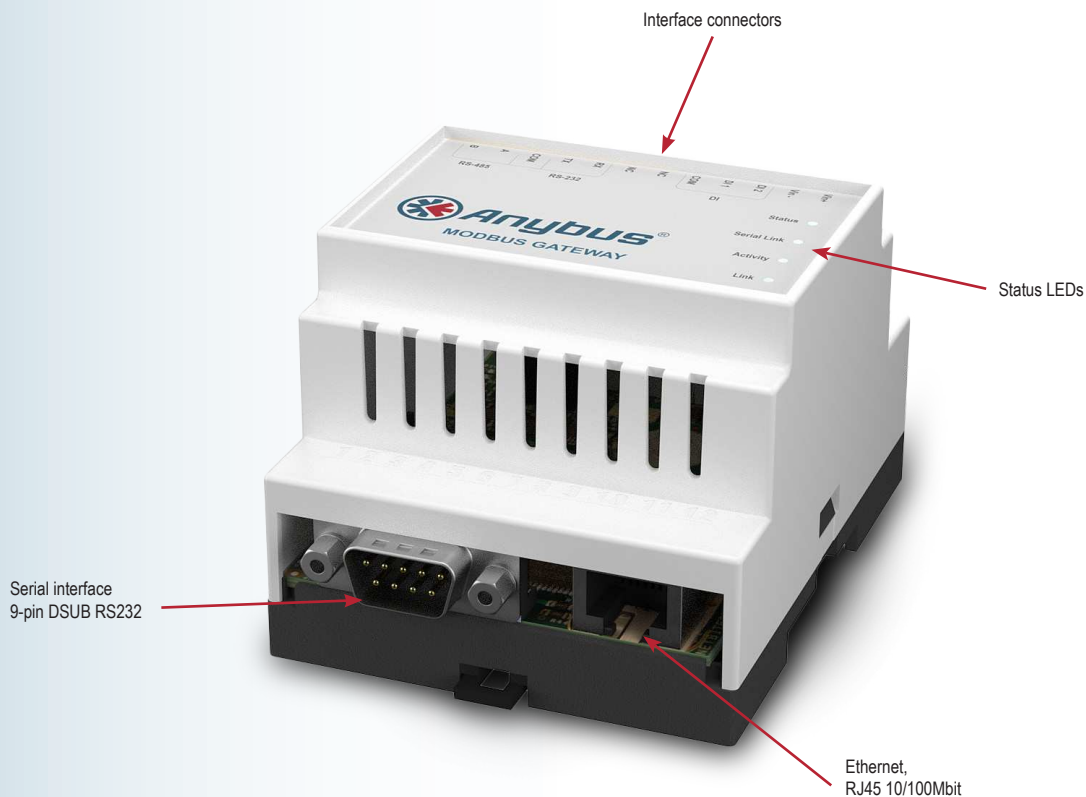
Configure quickly and easily via a built-in web page.



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



HMS Industrial Networks – Worldwide

HMS - Sweden (HQ)

Tel : +46 35 17 29 00 (Halmstad HQ)
E-mail: sales@hms-networks.com

HMS - Finland

Tel: +358 404 557 381
E-mail: sales@hms-networks.com

HMS - Italy

Tel : +39 039 59662 27
E-mail: it-sales@hms-networks.com

HMS - UK

Tel: +44 1926 405599
E-mail: uk-sales@hms-networks.com

HMS - China

Tel : +86 010 8532 3183
E-mail: cn-sales@hms-networks.com

HMS - Germany

Tel: +49 721 989777-000
E-mail: ge-sales@hms-networks.com

HMS - Japan

Tel: +81 45 478 5340
E-mail: jp-sales@hms-networks.com

HMS - United States

Tel: +1 312 829 0601
E-mail: us-sales@hms-networks.com

HMS - France

Tel: +33 368 368 034 (Mulhouse office)
E-mail: fr-sales@hms-networks.com

HMS - India

Tel: +91 83800 66578
E-mail: in-sales@hms-networks.com

HMS - Switzerland

Tel: +41 61 511342-0
E-mail: sales@hms-networks.ch

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