

Anybus X-gateway – AB7632

Ethernet/IP Adapter/Slave - Ethernet ModbusTCP Slave

The Anybus X-gateway copies I/O-data in both directions thus enabling data exchange between the two networks. Default I/O configuration is 20 bytes Input and 20 bytes Output. Changing default settings is very simple and is carried out using the RS232 configuration port and a standard terminal interface on a PC, such as Hyper Terminal for Windows.



The gateway consists of two independent Ethernet interfaces, each with its own microprocessor system and TCP/IP stack.

The Ethernet interface consists of an embedded Ethernet/IP 10/100 Mbit/s interface with IT functionality such as WEB-server, SSI-scripts, Flash file system, FTP-server, Email client, Telnet etc. It is possible to build web pages displaying and controlling a factory floor process with data from the other connected network. It is built on a dedicated 32 bit RISC micro processor (+60 mips) ensuring fast and secure Ethernet performance. The EtherNet/IP interface module is certified by the ODVA and has proven conformance and interoperability with leading PLC's, HMI's etc

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KEY FEATURES

- Two independent 10/100 Mbit twisted pair RJ45 connection
- TCP/IP settings configurable with web-page, Configuration Tool, DHCP, ARP or with DIP switches
- Ethernet/IP level 2 I/O Server CIP
- Modbus/TCP class 0, class 1 and partially class 2 slave functionality
- 2 x 1.4 Mbyte storage space on Flash disk
- Support for AnyBus IPconfig utility for easy TCP/IP set up
- SSI scripts used for easy display/control of process data on WEB-pages
- Gateway diagnostics via WEB-pages

TECHNICAL SPECIFICATIONS

Size: 126 mm x 110 mm x 42 mm

Power Supply: 24 VDC ($\pm 10\%$)

Temperature: 0-65°C

Current Consump: max 300 mA

I/O Input: Default 20 bytes, max 512 bytes

I/O Output: Default 20 bytes, max 512 bytes

Mech Rating:	IP20/Nema1
Config Method:	Windows Hyper Terminal
UL certification:	E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4
ATEX certification:	ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03
Power supply connector:	2-pole 5.08 mm Phoenix pluggable screw connector
Ethernet/IP baudrate:	10/100 Mbit/s autodetect
Ethernet/IP address:	Any valid IP-address
Ethernet/IP config.:	Configured by EtherNet/IP Scanner via EDS file (provided by HMS)
Modbus-TCP baudrate:	10/100 Mbit/s autodetect
Modbus-TCP address:	Any valid IP-address
Ethernet connectors:	RJ45
Price Group:	B
Order Code:	AB7632