

Ethernet ModbusTCP Slave - Modbus Plus 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 Ethernet interface consists of an embedded ModbusTCP 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/ModbusTCP interface module is certified by the University of Michigan and has proven conformance and interoperability with leading PLC's, HMI's etc.

The Modbus Plus interface is based on licensed chip-set and software from Modicon Inc. Supporting both the Global Database and Register mapping to 3x and 4x registers this module implements a versatile Modbus Plus interface. The Modbus Plus interface module is certified by the Modconnect and has proven conformance and interoperability with leading PLC's, HMI's etc

KEY FEATURES

- 10/100 MBit twisted pair RJ45 connection
- TCP/IP settings configurable with web-page, Configuration Tool, DHCP, ARP or with DIP switches
- Modbus/TCP class 0, class 1 and partially class 2 slave functionality
- 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
- Modbus Plus Global Data Base Transaction, Point-to-Point commands, Read holding registers, Preset single register
- Modbus Plus Host Firmware Rev. 77

TECHNICAL SPECIFICATIONS

Size:	126 mm x 110 mm x 42 mm
Power Supply:	24 VDC (±10%)
Temperature:	0-65°C
Current Consump:	max 300 mA
I/O Input:	Default 20 bytes, max 512 bytes (max 64 bytes as Modbus Plus Global Data)
I/O Output:	Default 20 bytes, max 512 bytes (max 64 bytes as Modbus Plus Global Data)
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
Modbus-TCP connector:	RJ45
Modbus-TCP address:	Any valid IP-address
Modbus Plus baudrate:	1 Mbit/s
Modbus Plus address:	Node-ID and Source-ID 1-64
ModbusPlus connector:	D-sub 9-pin female
Modbus-TCP baudrate:	10/100 Mbit/s autodetect
Price Group:	C
Order Code:	AB7642