



## Ethernet ModbusTCP Slave - CC Link 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 Univeristy of Michigan and has proven conformance and interoperability with leading PLC's, HMI's etc.

The CC-Link interface is a slave module for the CC-Link fieldbus system. It contains all the functionality needed to turn an application into a complete CC-Link remote device and it is configured to use the generic PLC profile. The CC-Link interface module is certified by the CLPA organisation 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
- Uses up to 4 occupied stations on CC-Link - configurable size
- Uses the CC-Link PLC profile for data exchange

### TECHNICAL SPECIFICATIONS

<b>Size:</b> 126 mm x 110 mm x 42 mm
<b>Power Supply:</b> 24 VDC (±10%)
<b>Temperature:</b> 0-65°C
<b>Current Consump:</b> max 300 mA
<b>I/O Input:</b> Default 20 bytes, max 64 bytes (max 128 I/O-points and 16 words on CC-Link)
<b>I/O Output:</b> Default 20 bytes, max 64 bytes (max 128 I/O-points and 16 words on CC-Link)
<b>Mech Rating:</b> IP20/Nema1
<b>Config Method:</b> Windows Hyper Terminal
<b>UL certification:</b> E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4
<b>ATEX certification:</b> ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03
<b>Power supply connector:</b> 2-pole 5.08 mm Phoenix pluggable screw connector
<b>Modbus-TCP baudrate:</b> 10/100 Mbit/s autodetect
<b>Modbus-TCP connector:</b> RJ45
<b>Modbus-TCP address:</b> Any valid IP-address
<b>CC-Link baudrate:</b> 156kbps to 10Mbps
<b>CC-Link address:</b> Station 1-64
<b>CC-Link connector:</b> 5-pole 5.08 mm Phoenix pluggable screw connector
<b>CC-Link config.:</b> Configured by CC Link Master via CSP Config file (provided by HMS)
<b>Price Group:</b> C
<b>Order Code:</b> AB7643