



## Anybus X-gateway – CC-Link Slave - Modbus Plus Slave

The Anybus X-gateway allows you to seamlessly inter-connect PLC control systems and their connected devices between CC-Link and Modbus Plus networks.

### FAST COPYING OF I/O DATA

The X-gateways primary function is with the fast transfer of cyclic I/O data between the two networks. This offloads your PLC from working with additional calculations. The gateway acts as a Slave on both networks. The data transmission is completely transparent with a maximum data capacity of 512 bytes in each direction.

### EASY CONFIGURATION - NO PROGRAMMING REQUIRED!

The connection between the two networks is quickly set up in the Anybus Configuration Manager software, included with the X-gateway. No programming skills are needed to set up the X-gateway. As factory default the X-gateways have a pre-defined I/O size of 20 bytes I/O



## Features and benefits

- Fast copying of cyclic I/O data between Modbus Plus and CC-Link networks (10-15 ms)
- Proven and tested with all PLC manufacturers
- Supports up to a maximum of 512 bytes of Input and Output data in each direction
- Optional control and status information added to the I/O data for diagnostic purposes
- Robust stand-alone housing for use in harsh industrial environments
- Global free technical support and consultancy

## CC-Link Slave interface

CC-Link Slave settings can be made either via on-board switches, or by importing the provided .CSP file into engineering tool of the controlling PLC.

- Complete CC-Link slave Version 1 and 2 functionality
- CC-Link Conformance BAP-05027-B specification
- Transparent CC-Link communication (Standard Mode)
- PLC Profile compliant communication (PLC profile mode)
- Max. 896 bits/128 words (368 bytes) of I/O data in each direction
- Supports CC-Link baudrates 156 kbit/s – 10 Mbit/s
- Up to 4 occupied stations
- Up to 8 extension cycles (version 2 only)
- CC-Link configuration via on-board switches or via .CSP file
- 1x 5-pin, 5.08 Phoenix plug network connector

## Modbus Plus Slave Interface

Modbus Plus address settings made via on-board DIP switches

- Complete Modbus Plus slave functionality
- Up to 32 words of global (cyclic I/O) data in each direction
- Global Data Base Transaction, Point-to-Point commands, Read holding registers, Preset single register
- Point-to-point parameter data (up to 125 words)
- Onboard Node ID and Source ID switches
- Modbus Plus baudrate 1 Mbit/s
- 1x D-sub 9-pin female network connector

### TECHNICAL SPECIFICATIONS

<b>Dimensions (L•W•H)</b>	114 x 44 x 127mm or 4,49 x 1,73 x 5,00"
<b>Weight</b>	400g or 0,880 lbs
<b>Operating temperature</b>	-25 to +65 °C or -13 to +149 °F
<b>Storage temperature</b>	-40 to +85 °C or -40 to +185 °F
<b>Power supply</b>	24 VDC +/- 20% via 2-pole 5.08 mm Phoenix pluggable screw connector
<b>Current consumption</b>	max. 400mA (Typical 200mA)
<b>Enclosure material</b>	Aluminium and plastic
<b>Installation position</b>	Vertical / Flat*
<b>Galvanic isolation</b>	YES, on both BUS/Ethernet side
<b>Mechanical rating</b>	IP20, NEMA rating 1
<b>Mounting</b>	DIN-rail (EN 50022 standard)
<b>I/O configuration</b>	via USB port with Anybus Configuration Manager software
<b>Certifications</b>	CE, cULUS, RoHS

File	Version	Size	Read online
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### Ordering information

<b>Order Code</b>	AB7624
<b>Included components</b>	Gateway Quick start documentation USB configuration cable Power supply <b>not</b> included Configuration software is available for download.

3 year guarantee. For purchasing instructions and terms and conditions, see: [How to buy](#)

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