

Anybus X-gateway – Interbus FO Slave - Modbus TCP Server

Item number: AB7639-F

The Anybus X-gateway Interbus FO Slave to Modbus TCP Server enables you to connect any Interbus FO system to any Modbus TCP control system. Anybus gateways ensure reliable, secure, high-speed data transfers between different industrial networks while being easy to use.



A protocol converter that connects Interbus FO and Modbus TCP control systems

Features and benefits

- ✓ **Reach new markets**

Target new markets using different protocols without needing to change your hardware or software, thereby decreasing your time to market and development costs.
- ✓ **Slim hardware design**

The gateway is designed for IP20 and DIN-rail mounting, enabling you to install it with ease, close to connected devices, thereby reducing wiring requirements.
- ✓ **Easy configuration – No programming required!**

Quickly establish the connection between the two networks with the included Anybus Configuration Manager software. No programming skills are required for the setup process.
- ✓ **Trusted partner**

Anybus has a long history of working with all the major network organizations to ensure compliant, high-performing, and compatible products.
- ✓ **No PLC card slot needed**

The gateway does not use a card slot in the control system, leaving room for other equipment.
- ✓ **3-year warranty**

The gateway is designed to be robust and long-lasting. A 3-year guarantee is provided
- ✓ **Increased PLC performance**

The gateway allows for fast transfer of cyclic I/O data between the two networks, offloading your PLC from working with additional calculations.
- ✓ **Life cycle management**

HMS maintains every part of the gateway, including network updates, throughout the product's lifecycle.
- ✓

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Identification and Status

Product ID	AB7639-F
Country of Origin	Sweden
HS Code	8517620000
Export Control Classification Number (ECCN)	5A991.b.1

General

Net Width (mm)	44
Net Height (mm)	127
Net Depth (mm)	114
Net Weight (g)	400
Packed Width (mm)	17
Packed Height (mm)	9
Packed Depth (mm)	19
Packed Weight (g)	600
Operating Temperature °C Min	-25
Operating Temperature °C Max	65
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Current Consumption Type Value at Vcc Nom (mA)	200mA @ 24V DC
Current Consumption Max value at Vcc nom (mA)	400mA @ 24V DC
Input Voltage (V)	24V DC (-20% to +20%)

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General

Power Connector	2-pin, 5.08 Phoenix plug connector
Isolation	TRUE
Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Aluminum, Plastic
Packaging Material	Cardboard

Physical Features

Connectors / Input / Output	2xRJ45, 1x HFBR-2505C and 1x HFBR-1505C Fiber Optic network connectors, USB-B Config port
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INTERBUS Features

INTERBUS Mode	Slave
INTERBUS Supported Functionality	EN 50170; Fiber Optic conform to IEC874-2 and DIN47258; Transmission Media: Plastic fibre, core 980um, clad 1000um; HCS (glass) fibre, core 200um, clad 230 um;PCP V.2.0. (0, 1, 2, or 4 words);Automatic slave address detection
INTERBUS Baud Rate	500 kbit/s – 2 Mbit/s
INTERBUS Input Data Size	20 bytes of process data (512 bytes with PCP)
INTERBUS Output Data Size	20 bytes of process data (512 bytes with PCP)

Modbus-TCP Features

Modbus-TCP Mode	Slave / Server
Modbus-TCP Supported Functionality	Modbus specification V1.0; Daisy chaining; QoS; Modbus TCP class 0, class 1 and partially class 2 slave functionality
Modbus-TCP Bandwidth	10/100 Mbit/s
Modbus-TCP Input Data Size	512 bytes
Modbus-TCP Output Data Size	512 bytes

Certifications and Standards

Protection Class IP	IP20
Recycle / Disposal	TRUE
UL Information	E214107: Ord.Loc UL508, CSA C22.2 NO. 142

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Certifications and Standards

Environment	EN 61000-6-4, EN 55016-2-3 Class A, EN 55022 Class A, EN 61000-6-2, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6
WEEE Category	IT and telecommunications equipment