

## Anybus X-gateway - PROFINET-IRT Device - InterBus Fiber Optic

Item number: AB7517-F

The Anybus X-gateway PROFINET-IRT Device to Interbus FO Slave enables you to connect any PROFINET-IRT system to any Interbus FO 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 PROFINET-IRT and Interbus FO 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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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%)
Power Connector	2-pin, 5.08 Phoenix plug connector
Isolation	TRUE
Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Aluminum, Plastic

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## General

Packaging Material      Cardboard

## Identification and Status

Product ID      AB7517-F

Country of Origin      Sweden

HS Code      8517620000

Export Control Classification Number (ECCN)      5A991.b.1

Supply Risk Factor ERP      Used in Volume 01

## Physical Features

Connectors / Input / Output      2x RJ45, 1x HFBR-2505C and 1x HFBR-1505C Fiber Optic network connectors, USB-B Config port

## 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)

## PROFINET Features

PROFINET Mode      Slave

PROFINET Supported Functionality      IRT, SNMP

PROFINET Configuration File      GSDML available

PROFINET Bandwidth      100MBit full duplex down to 1ms cycle time

PROFINET Input Data Size      512 bytes

PROFINET Output Data Size      512 bytes

## Certifications and Standards

Product Classification      IEC 60335-1

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## Certifications and Standards

<b>Recycle / Disposal</b>	TRUE
<b>UL Information</b>	E214107: Ord.Loc UL508, CSA C22.2 NO. 142
<b>Environment</b>	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
<b>WEEE Category</b>	IT and telecommunications equipment

