

#### Anybus X-gateway IIoT – EtherNet/IP Scanner - OPC UA-MQTT

Item number: AB7553-F

The Anybus X-gateway IIoT EtherNet/IP Scanner to OPC UA-MQTT publishes data from any EtherNet/IP device to OPC UA or MQTT information systems.



A protocol converter that connects EtherNet/IP to OPC UA-MQTT information systems

#### Features and benefits

Fast streaming of industrial network data

Enables the fast streaming of industrial network data into OPC UA and MQTT systems, supporting efficient data transfer.

Secure and isolated data flow

The gateway ensures that networks and devices remain secure and isolated by controlling data flow through an independent device. This prevents unauthorized access while maintaining reliable communication between systems.

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.

Trusted partner

Anybus has a long history of working with all the major network organizations to ensure compliant, highperforming, and compatible products. One-Way data transfer to OPC UA or MQTT

The gateway transfers data to OPC UA or MQTT information systems, enabling integration with these platforms while ensuring a smooth, uninterrupted data flow.

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.

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	Aluminium, Plastic



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#### General

Packaging Material Cardboard

### Identification and Status

Product ID	AB7553-F
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	5A991.b.1

### Physical Features

Connectors / Input / Output	2xRJ45, 2xRJ45, USB-B Config port
DIP & Rotary Switches	8 Dip switches for IP settings
Contains Battery	No

#### EtherNet/IP Features

EtherNet/IP Mode	Scanner / Master
EtherNet/IP No. Of Adapters	64
EtherNet/IP Bandwidth	10/100MBit
EtherNet/IP Input Data Size	509 bytes
EtherNet/IP Output Data Size	505 bytes

## Certifications and Standards

Protection Class IP	IP20
RoHS Compliant	Yes
Recycle / Disposal	TRUE
CE	Yes
UL	Yes



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Certifications and Standards	
UL Information	E214107: Ord.Loc UL508, CSA C22.2 NO. 142
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
Waste Certification (WEEE)	Yes
WEEE Category	IT and telecommunications equipment

