

Ethernet/IP Scanner/Master - EtherCAT 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 IP Scanner interface supports connection of up to 64 adapters (slaves) at 10/100 Mbit/s. The module also supports IT functionality such as Web server, SSI-scripts, E-mail client and FTP-server. Ethernet settings are configurable through the built-in Web server or the software Anybus IPconfiguration utility from HMS. The Anybus X-gateway also has on board IP configuration switches. The Ethernet IP interface module is certified by ODVA and has proven conformance and interoperability with leading PLC's HMI's etc. The configuration of the Ethernet IP network is done with RS Networx from Rockwell.

The EtherCAT Slave Interface for the Anybus X-gateway implements CANopen over EtherCAT, and exchanges up to 512 bytes of data in each direction. The interface acts as a slave node, which means it can be accessed by an EtherCAT master, but it will not initiate communication by itself.

The module has two RJ45 connectors using 100 Mbit full duplex Ethernet. For configuration a XML-format device description file is supplied by HMS.

KEY FEATURES	
	Supports up to 64 adapters (slaves)
	Ethernet settings are configurable through a built-in web server, the DIP-switches or the Anybus IP configuration utility.
	E-mail functionality
	SSI scripts used for easy display/control of process data on web pages
	Configuration of the Ethernet IP network is done through RS Networx from Rockwell
	EtherCAT interface supports CANopen objects (SDOs&PDOs)
	Up to 512 bytes of cyclic data in each direction (PDO)
	Up to 512 bytes of acyclic data in each direction (SDO)
	ATEX / UL certified

TECHNICAL SPECIFICATIONS	
Size:	126 mm x 110 mm x 42 mm
Power Supply:	24 VDC ($\pm 10\%$)
Temperature:	0-65°C
Current Consump:	max 300mA
I/O Input:	Default 20 bytes, max 512 bytes
I/O Output:	Default 20 bytes, max 512 bytes
Mech Rating:	IP20/Nema1
Config Method:	Windows Hyper Terminal
UL Certification:	E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4
ATEX certification:	ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03
Power supply connect:	2-pole 5.08 mm Phoenix pluggable screw connector
Ethernet IP baudrate:	10/100 Mbit/s
Ethernet connector:	RJ45
EtherCAT baudrate:	100 Mbit/s
EtherCAT connector:	RJ45
Price Group:	C
Order Code:	AB7699