

## AS-Interface Master - CANopen 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 Anybus-M AS-Interface Master module supports up to 62 slaves with a maximum of 248 digital input, 186 output signals. All standard services are available including detailed diagnostics. The network interface is optically isolated and equipped with a 2 pin pluggable screw connector. The Master supports intelligent auto-configuration or manual configuration via terminal program such as Hyper Terminal for Windows. The AS-interface module is certified by the AS Interface user organization and has proven conformance and interoperability with leading manufacturers of I/O, sensors, valves etc.

The CANopen interface is an adapter class product allowing fast data exchange. The CANopen slave's data map consists of Process Data Objects (fast data) and Service Data Objects (slow data). The data on the CANopen bus is updated when a change is made or on request from another node. The CANopen interface module is certified by the Can In Automation organisation and has proven conformance and interoperability with leading PLC's, SoftPLC's, HMI's etc

### KEY FEATURES

- Manages control of up to 62 AS-Interface slaves
- 248 digital inputs and 186 digital outputs
- Supporting AS-Interface version 2.1 (compatible to version 2.0)
- Intelligent auto configuration support
- CANopen PDO and SDO data objects supported
- CANopen Unscheduled data exchange support
- CANopen profile DS-301 v.4.02
- Heartbeat and node guarding support
- Customizable PDO-mapping
- Network Stor/Restore functionality

### TECHNICAL SPECIFICATIONS

<b>Size:</b>	126 mm x 110 mm x 42 mm
<b>Power Supply:</b>	24 VDC (±10%)
<b>Temperature:</b>	0-65°C
<b>Current Consump:</b>	max 300 mA
<b>I/O Input:</b>	Default 20 bytes, max 64 bytes (248 digital inputs on ASI)
<b>I/O Output:</b>	Default 20 bytes, max 64 bytes (186 digital outputs on ASI)
<b>Mech Rating:</b>	IP20/Nema1
<b>Config Method:</b>	Windows Hyper Terminal
<b>UL certification:</b>	E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4
<b>ATEX certification:</b>	ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03
<b>Power supply connector:</b>	2-pole 5.08 mm Phoenix pluggable screw connector
<b>AS-I baudrate:</b>	167 kbit/s
<b>AS-I connector:</b>	2 x 2-pole 5.08 mm Phoenix pluggable screw connectors
<b>CANopen baudrate:</b>	10 kbit/s to 1 Mbit/s
<b>CANopen connector:</b>	D-sub 9-pin male
<b>CANopen address:</b>	Node address 1-99
<b>CANopen config.:</b>	Configured by CanOpen Master via EDS file (provided by HMS)
<b>Price Group:</b>	A
<b>Order Code:</b>	AB7827