# AS-Interface Master - Profinet IO Device

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 Profinet IO interface is a complete solution for a Profinet IO slave Device. The module is based on the Siemens Profinet IO software technology.
The Profinet IO baudrate is 100Mbit/s (full duplex). The IP-address and additional IP-settings is easily configured with the Anybus IPconfig utility for Windows. Additional ways to set the IP-address are either via DHCP or Profinet configuration tool. Four diagnostic LEDs will continuously indicate the actual Profinet IO status and possible error messages. The Profinet IO interface uses a normal RJ45 connector for the bus connection.
IT-functions like WEB-server, E-mail client, FTP-server are also supported. The IT functions can be used simultaneously with the Profinet IO communication. Modbus/TCP is also supported with "Read Data" functions.

## KEY FEATURES

- Manages control of up to 62 AS-Interface slaves
- 248 digital inputs and 186 digital outputs
- Intelligent auto configuration support
- SSI scripts used for easy display/control of process data on WEB-pages
- Gateway diagnostics via WEB-pages
- E-Mail Client, FTP & Telnet Server
- Profinet IO and IT functions
- Profinet IO 100 Mbit/s twisted pair cable and RJ45 connector
- TCP/IP settings configurable with Profinet config tool, Anybus IPconfig or DHCP
- 2x1 Mbyte storage space on Flash disc

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Size: | 126 mm x 110 mm x 42 mm |
| Power Supply: | 24 VDC (±10%) |
| Temperature: | 0-65°C°C |
| Current Consump: | max 300 mA |
| Baud Rate: | Default 20 bytes, max 64 bytes (248 digital inputs |
| Sub Baud Rate: | Default 20 bytes, max 64 bytes (186 digital output |
| Mech Rating: | IP20/Nema1 |
| Config Method: | Windows Hyper Terminal, GSD file for Profinet |
| 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 |
| AS-I baudrate: | 167 kbit/s |
| AS-I connector: | 2 x 2-pole 5.08 mm Phoenix pluggable screw connectors |
| Profinet Connector: | RJ45 |
| Profinet baudrate: | 100Mbit/s |
| Price Group: | C |
| Order Code: | AB7648 |