



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 Profibus DP/DPV1 slave interface is implemented according to the standard IEC61158 as a modular slave, supporting all standard functionality such as Watchdog, Sync and Freeze and diagnostics. Standard DP as well as DPV1 acyclic data services (Class1/Class2) are supported. The Profibus interface module is certified by the Profibus user organization and has proven conformance and interoperability with leading PLC's, HMI's etc. Profibus address is set via rotary switches 0-99.

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

- SSI scripts used for easy display/control of process data on webpages
- Gateway diagnostics via WEB-pages
- Watchdog support
- Sync and Freeze
- Supports PA baud rate 45.45 kbit/s
- Complete Profibus DP and DPV1 (Class1/Class2) slave functionality according to IEC 61158
- Profinet IO and IT functions
- Profinet 100 Mbit/s twisted pair RJ45 connection
- 1 Mbyte storage space on Flash disk
- TCP/IP settings configurable with web-page, Anybus IPconfig, DHCP or Profinet Configuration tool

TECHNICAL SPECIFICATIONS

Size:	126 mm x 110 mm x 42 mm
Power Supply:	24 VDC (±10%)
Temperature:	0-65°C
Current Consump:	max 300 mA
I/O Input:	Max 244 bytes using DP / 512 bytes using DPV1
I/O Output:	Max 244 bytes using DP / 512 bytes using DPV1
Mech Rating:	IP20/Nema1
Config Method:	Windows Hyper Terminal, GSD files for Profibus and 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
Profinet connector:	RJ45
Profinet address:	Any valid IP-address
Profibus baudrate:	9600 bit/s - 12 Mbit/s autodetect
Profibus address:	Node address 0-99
Profibus connector:	D-sub 9-pin female
Profinet baudrate:	100Mbit/s
Price Group:	C
Order Code:	AB7652