![Anybus by HMS Networks logo]

Infrastructure product

Anybus Managed L2 PoE Switch

Order Code: AWB5005

The Anybus managed Layer 2 PoE (Power over Ethernet) switch is designed to create reliable and secure data networks in harsh industrial environments. This versatile switch is ideal for factory automation applications. By enabling both power and data to be sent over a single Ethernet cable, the switch provides a cost-effective and easy-to-use solution for wireless access points, security cameras and, in combination with the Anybus Bolt, to connect industrial machines.

The switch is equipped with two SFP (small form-factor pluggable) slots for high-speed uplink to backbone switches and eight gigabit Ethernet ports with PoE capacity for easy data connection and power supply through the same network cable. A fiber connection can be used to enable long-distance connections or to provide reliable data communication in environments with high electromagnetic interference.

A range of network management functions make it possible to segment, control and ensure data is processed as expected. VLAN, QoS, IGMP Snooping and LACP/Trunk allow you to create extremely reliable networks suitable for critical applications. RSTP (Rapid Spanning Tree Protocol) support enables ring-configured networks for increased resilience and advanced security features, such as 802.1x port-based access control provides a high level of protection against cyber threats.

FEATURES & BENEFITS

Full gigabit PoE switch

- 802.at/af PoE+, 120 W total PoE budget, 30 W per port
- 8 x gigabit PoE RJ45 ports
- 2 x gigabit (100/1000M) SFP ports
- Non-blocking switch fabric

Layer 2 management for reliable network operation

- VLAN, QoS, IGMP Snooping, LACP/Trunk
- Rapid Spanning Tree (RSTP) for redundancy
- Configuration via GUI, CLI or SNMP

Designed for industrial applications

- DIN-rail mount
- IP31-rated all metal housing
- Compact and robust design

Developed for harsh environments

- Dual 24VDC booster power input (12~57VDC to 54V PoE output)
- Wide temperature range, -40°C~70°C
- High level EMC protection

VLAN 1   VLAN 2

Distance/Galvanic separation

PoE

TECHNICAL SPECIFICATIONS

Ethernet	8 x 10/100/1000Base-T RJ-45, PoE+
	2 x 100/1000Base SFP, DDM
	Store and Forward Technology with Non-Blocking Switch Fabric
Console	1 x RS232 (RJ45) 115200.n.8.1

Operating Temp.	-40°C-70°C , 0%-95% Non- Condensing
Data speeds	1000Base-TX/FX 100Base-TX/FX 10Base-TX/FX
Power	24 VDC (12-57 VDC) Max. 120W@24V~57VDC, Max.60W@12VDC support for dual power supplies
Weight	985 g
Housing Material	Steel/aluminum
IP protection class	IP31
Dimensions	58 x 155 x 125 mm (without DIN rail clip)
Mounting	DIN rail mount (bracket included)
Configuration	CGI WebGUI, CLI, Telnet, SSH, SNMP
Security	IEEE 802.1X/RADIUS, Management IP, Management VLAN, SSL
Redundancy	Rapid Spanning Tree Protocol/Spanning Tree Protocol (RSTP/STP)
Traffic Management	Flow Control, Port Trunk/802.3ad LACP, VLAN, Private VLAN, Shared VLAN, Rate Limiters, Port Mirror, IGMP Snooping v2, Port classification, Port policing, Port scheduler, Port shaping, QoS control list, Storm policing, WRED, Port Security, ACL, Loop Protection
Network Management	IPv4 management, SNMP v1/v2c/v3/Trap, MIBs, LLDP, DHCP client, TFTP, System Log, NTP
PoE	IEEE 802.3af/at (PoE/PoE+)

Ordering information

Order Code	AWB5005
Included components	Switch 1 x DIN-rail mounting bracket
Accessories	N/A

3 year guarantee. For purchasing instructions and terms and conditions, see: <u>How to buy</u>