Anybus Managed L2 PoE Switch



Item number: AWB5005-B

The Anybus Managed L2 PoE Switch creates robust data networks in harsh industrial settings. With Gigabit throughput, advanced configuration, diagnostics, and traffic management features, it's ideal for large networks or any application requiring high customization, control, or security. PoE simplifies installation, enhancing flexibility.

Enhance your industrial network with Gb speed, PoE, and management features.

Features and benefits

High-Speed 10-port Gigabit switch

8 Gigabit PoE RJ45 ports enable efficient data and power transfer, complemented by 2 Gigabit small form-factor pluggable (SFP) ports for versatile high-speed fiber connections (100/1000M).

Non-blocking switch fabric

Efficiently handles simultaneous data transfers between all ports without bottlenecks or slowdown.

Layer 2 management

Enable reliable network operation with Layer 2 management capabilities, ensuring efficient control and optimization of your industrial network.

Redundancy and flexible configuration

Ensure network redundancy with Rapid Spanning Tree (RSTP) and enjoy flexible configuration options via GUI, CLI, or SNMP, providing versatile and user-friendly management interfaces.

Industrial design

With an IP30-rated metal housing, wide operating temperature range, and dual 24VDC booster power input, this switch ensures durable and reliable performance in harsh industrial environments.

Enhanced power delivery

Supporting 802.3at/af PoE+ standards, our switch boasts a total PoE budget of 120W, delivering a substantial 30W per port for robust and versatile power distribution.

Streamlined power & communication

Use a single cable for both power and communication with PoE (Power over Ethernet).

Advanced network configuration

Benefit from VLAN, QoS, IGMP Snooping, and LACP/Trunk support, providing advanced network configuration options for a tailored and optimized network environment.

DIN-Rail mounting

DIN-rail mounting enables you to install the switch close to connected devices, thereby reducing wiring requirements.

EMC Protection

The switch's high-level EMC protection safeguards against electromagnetic interference, critical for sensitive industrial applications.

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General

Net Weight (g)	1150
Packed Width (mm)	7
Packed Height (mm)	17
Packed Depth (mm)	13
Packed Weight (g)	1400
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Mounting	DIN rail mount (bracket included)
Housing Materials	Steel
Packaging Material	Cardboard
Warranty (years)	3 years

Identification and Status

Product ID	AWB5005-B
Country of Origin	Taiwan (Province of China)
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	5A992.c

Physical Features

LAN Specification	8 x 10/100/1000Base-T RJ-45, PoE+ 2 x 100/1000Base SFP, DDM Store and Forward Technology with Non-Blocking Switch Fabric Auto MDI/MDIX
Contains Battery	No

Certifications and Standards

Protection Class IP	IP30

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Certifications and Standards

CE	Yes
Environment	EN 55016-2-3:2017 + A1:2019 EN 61000-4-2:2009 EN 61000-4-3:2006 + A1:2008 + A2:2010 EN 61000-4-4:2012 EN 61000-4-5:2014 + A1:2017 EN 61000-4-6:2014 EN 61000-4-8:2010
WEEE Category	IT and telecommunications equipment