

Admas6008P-M12-8TPoE

8-Port Layer 2 100M Managed Rack Mount POE Switch



- Support 8x100M M12 ports, all ports support PoE power supply
- Comply with IEEE802.3at standard and compatible with IEEE802.3af
- Maximum output power of single-port PoE is 30W, and the whole switch maximum output power of PoE is 140W.
- Support ring network redundancy protocols such as MW-Ringv1/v2,ERPS,STP/RSTP,etc.
- Fast ring redundancy recovery time is less than 20ms (MW-Ringv1/v2)
- Support DC110V(DC50~160V) power input, and support anti-reverse connection
- Aluminum alloy enclosure, IP40 protection, fanless design,
- Industrial working temp from -40°C to +70°C





Product Description

Admas6008P-M12-8TPoE is a Layer 2 100M rack mounting managed industrial POE switch. It supports 8x100M M12 ports, all of which support PoE power supply. PoE complies with the IEEE802.3af/at standard and provides PoE 48V power for standard PD powered devices through network cables without affecting the normal transmission of network data, saving power wiring costs.

The Ethernet interface adopts M12 connection method, which meets the requirements of rail transit industry standards, ensures the tightness and solidity of the connection, and is suitable for scenes with strong vibrations. This product adopts a store-and-forward mechanism and has powerful bandwidth processing capabilities to automatically detect packet errors and reduce transmission failures.

Admas6008P-M12-8TPoE supports WEB network management functions and multiple network protocols, such as PoE, MW-Ringv1/v2, ERPS, STP/RSTP, VLAN, LACP, LLDP, SNMPv1/v2c/v3, RMON, QoS, 802.1X, IGMP Snooping, ACL, WEB/TELNET/SSH access control, static aggregation, port mirroring, static MAC address binding, network diagnosis, loopback detection, Email log, alarm, STP, system log and system online upgrade, etc, which can improve the performance, reliability and security of the network to meet various complex networks.

The products have passed strict functions, high and low temperature, safety and EMC tests to meet complex networks application requirements and harsh industrial environments. They can be widely used in integrated energy, smart cities, rail transit, intelligent transportation, smart factories, industrial automation and so on field.



Features and Benefits

- Support rate limiting of broadcast, unknown multicast and unknown unicast packets, broadcast and multicast packet storm detection to prevents network storms
- Support static link aggregation and LACP dynamic aggregation, which can increase transmission bandwidth and improve link reliability.
- Support port mirroring, which can collect port inlet and outlet data for network detection and fault management.
- Support 802.1Q VLAN and provides Access, Trunk, and Hybrid interfaces to easily divide multiple broadcast domains and enhance network security.
- Support IGMP Snooping and establishes a Layer 2 multicast forwarding table to reduce the broadcast of multicast data in the network and save network resources.
- Support LLDP link layer discovery protocol, obtains LLDP neighbor device information, and monitor link status to facilitate topology management and fault location.
- Support ERPS Ethernet multi-ring protection technology, provides multi-ring networking, performs link backup, achieves rapid convergence, and improves network stability.
- Support RSTP spanning tree protocol and is compatible with STP protocol, which can eliminate network loops and improve network reliability
- Support WEB control, HTTP, HTTPS protocol access control, login IP address restriction
- Support SNMPv1/v2c/v3 centralized management and SNMPv1/v2c/v3 TRAP information, supports national network standard TRAP and private TRAP
- Support RMON remote network monitoring, statistics and alarms on various types of data frames, and can be used for remote monitoring and management of network management systems
- Support QoS service quality, allowing voice, video and important data to be transmitted preferentially in network equipment to solve network congestion
- Support ACL access control list, which can customize multiple frame type filtering rules, filter or rate limit specified packets
- Support 802.1X port authentication, authenticates access users, and provides local and RADIUS login authentication.

- Support network storm, port disconnection and other alarms
- Support loopback detection to prevent network loops from causing network storms
- Support PoE Ethernet power supply, the interface power supply priority can be customized, and standard PD devices can be powered through network cables, saving power wiring costs.
- Support system log information recording, downloading and classification, and can be output to WEB pages, log hosts and consoles for display

Specification

Software	
Switching	Support port configuration, port speed limit, storm suppression, storm detection, port aggregation, LACP, port statistics Support 802.1Q VLAN, port isolation Support MAC address aging and static MAC address binding
Redundancy	Support MW-Ringv1/v2 private ring network technology Support ERPS Support RSTP, compatible with STP
Multicast	Support IGMP Snooping Support static multicast MAC address binding
Security Management	Support WEB, TELNET, SSH access control Support ACL access control list, 802.1X port authentication Support loopback detection, alarms, and email logs
Management and Maintenance	Support PoE management, maximum power, priority configuration Support QoS, SNMP v1/v2c/v3, SNMPv1/v2c/v3 TRAP, RMON, LLDP Support port mirroring, Ping Support user rights management, system logs, local/network time synchronization, and daylight saving time Support online restart, restore factory settings, system upgrade, configuration file upload/download Support MW-NMPv2, MixView, MaxView management
Switch Capability	
Processing Type	Store and forward
Backplane Bandwidth	12.8G
Buffer Size	4.1Mbit
MAC Table Size	8K

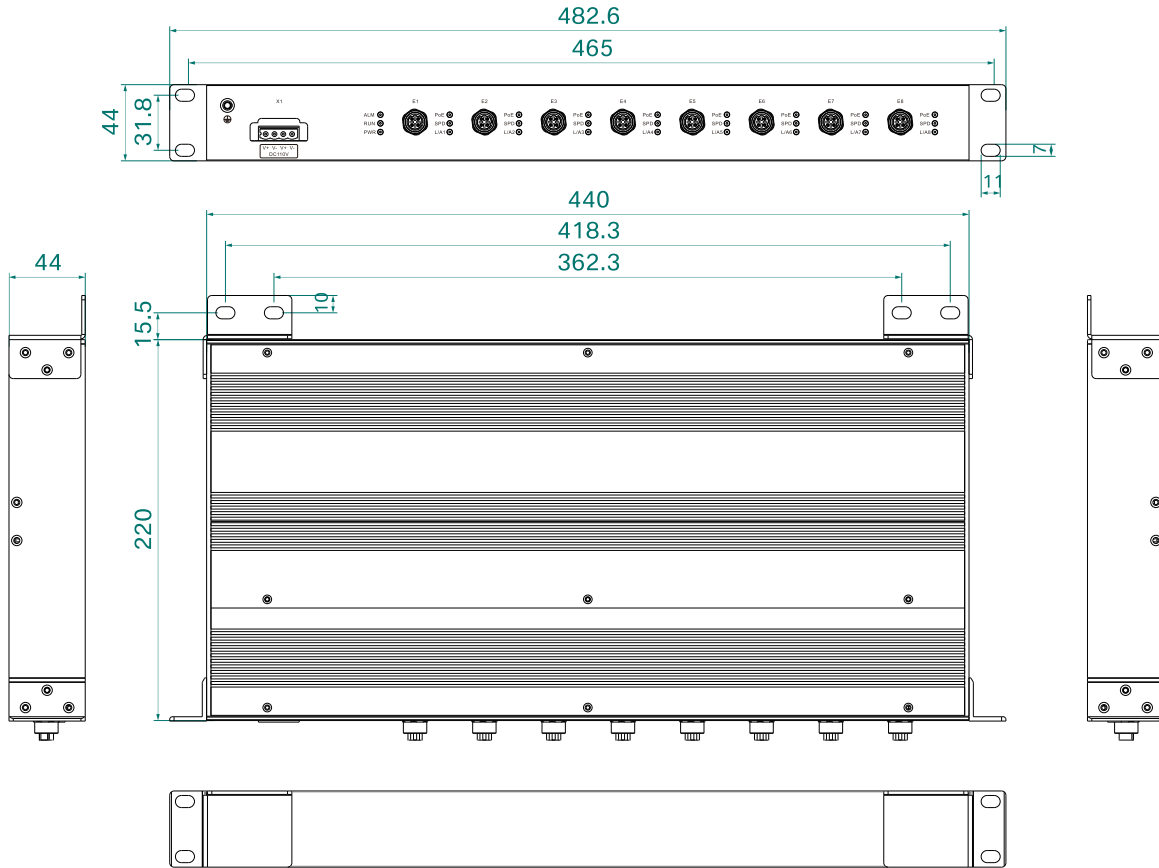
☑☑☑ Specification

Interface	
100M PoE Copper	8x10/100Base-T(X) auto-sensing PoE copper ports, using M12 (D-Code 4-Pin Female) interface, supporting full/half duplex, MDI/MDI-X adaptive; PoE power supply complies with IEEE802.3af/at standard, single port PoE maximum output power 30W
Status LED	Power indicator Running indicator Alarm indicator PoE indicator Interface speed and connection/activity indicator
Power Supply	
Input Voltage	DC110V(DC50~160V)
Full load power consumption	<8W@DC110V (NO PoE), the maximum PoE output power of the whole switch is 140W (the PoE maximum output power of the E1-E4 and E5-E8 interfaces is both 70W)
Connections	4-pin 5.08mm pitch terminal blocks
Power Protection	Reverse connection protection, overcurrent protection
Physical Characteristics	
Dimensions	440×44×220 mm (mounting brackets included)
Installations	Standard 19-inch 1U rack-mounted installation
Weight	About 3.1kg
Working Environment	
Operating Temp	-40℃~+70℃
Storage Temp	-40℃~+85℃
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMC	IEC 61000-4-2 (ESD): Contact discharge ±6kV, air discharge ±8kV IEC 61000-4-5 (Surge): Power supply, network port: common mode ±2kV, differential mode ±1kV IEC 61000-4-4 (EFT): Power supply: ±2kV; Communication port: ±2kV



Dimensions

Units: mm





Ordering Information

Standard Models	100M PoE Copper Port	Input Voltage
Admas6008P-M12-8TPoE-DC110	8	DC50~160V



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