



Web-Managed Industrial Mini Switch: 8x Gigabit PoE+ (IEEE 802.3at) + 2x Gigabit SFP

Features

- ▶ 8x10/100/1000Base-TX + 2x100/1000Base-X SFP Ports
- ▶ 10/100/1000Mbps RJ45 Ports: Supports Full/Half-Duplex, Auto-Negotiation & Auto MDI/MDIX
- ▶ Supports IEEE 802.3at PoE+ (30W per Port)
- ▶ Complies with IEEE 802.3/802.3u/802.3ab/802.3z Standards (Store-and-Forward Mode)
- ▶ Supports IEEE 802.3D/W/S STP/RSTP Protocol
- ▶ Supports 802.3x Flow Control
- ▶ IEEE 802.3az Energy Efficient Ethernet (EEE) Compliant
- ▶ Supports WEB Management
- ▶ Redundant Power Inputs
- ▶ Supports DIN-Rail Installation
- ▶ Operating Temperature: -40°C to 80°C (-40°F to 176°F)



Product Description

WXA-I08GM-2SFP-P240 managed industrial PoE+ switch is a high-integration networking device tailored for medium-scale industrial scenarios requiring both centralized management and PoE power supply. It features 8 gigabit PoE+ electrical ports (10/100/1000Base-TX) and 2 gigabit SFP optical ports, where the PoE+ ports comply with IEEE 802.3at standard (30W per port, total PoE power budget 240W) to efficiently power PDs such as IP cameras, wireless APs and industrial sensors.

The SFP ports support flexible matching of 1/2-core single-mode/multi-mode fiber modules, adapting to both short-distance intra-site communication and long-distance remote interconnection needs. As a managed switch, it supports professional functions like VLAN, QoS, port aggregation and remote monitoring, facilitating centralized network management and maintenance. With its stable performance and user-friendly operation, it is widely applicable to smart cities, large-scale factory automation, cross-regional security monitoring and other industrial networks that require integrated data and power transmission.



Product Description

Ethernet & PoE Standards	Supported Standards	IEEE 802.3 (10BASE-T), 802.3u (100BASE-TX/FX), 802.3ab (1000BASE-T), 802.3z (1000BASE-X); IEEE 802.3az (EEE); IEEE 802.3af/at (PoE/PoE+)
	Forward & Filtering Rate	14.88Kpps (10Mbps), 148.8Kpps (100Mbps), 1.488Mpps (1Gbps)
	Backplane Bandwidth / Buffer Memory	20Gbps / 9216 bits
	Processing / Max Packet / MAC Table	Store-and-Forward / 9K Jumbo Frame / 4K MAC Addresses
Interface	Ports	8 x RJ45 (10/100/1000Mbps), 2 x 100/1000Base-X SFP
PoE	Connector / Pins / Budget	RJ45 / 4/5(+), 7/8(-) / 240W max
Environmental & Reliability	Temp (Operating/Storage) / Humidity / MTBF	-40~80°C / -40~85°C / 5~95% non-condensing / >200,000 hrs
Electrical & Mechanical	Input Power / Consumption	48~57VDC (Redundant, 4-pin Terminal) / 5W max (PoE<240W)
	Protection	Overload auto-reset, Reverse Polarity Protection
	Dimensions (WxDxH) / Weight / Casing	95x63x46mm / 300g / Aluminum
	Mounting	DIN-Rail mount
LED Indicators	Functions	PWR (Power), Ethernet (Link/Activity), PoE (Status), SFP (F9-F10)
Software Features	Redundancy / Multicast / VLAN	STP/RSTP / IGMP Snooping V1-V3 / IEEE 802.1Q (4K VLAN)
	QoS Support	Port/802.1Q/ACL/DSCP/CVLAN/SVLAN/DA/SA/Port Priority/Queue Weight
	Diagnostic / Management	Port Mirroring, Syslog, Ping / WEB-based
	Security	Broadcast/Multicast Storm Protection, MAC Filtering/Constraint
Regulatory Approvals	Certifications & EMC Standards	ISO9001, CE, RoHS, FCC; EN55022:2010+AC:2011 (Class A), EN55024:2010; IEC 61000-4-2/3/4/5/6/8
	Power Quality Standards	EN 61000-3-2:2006+A1+A2, EN 61000-3-3:2013