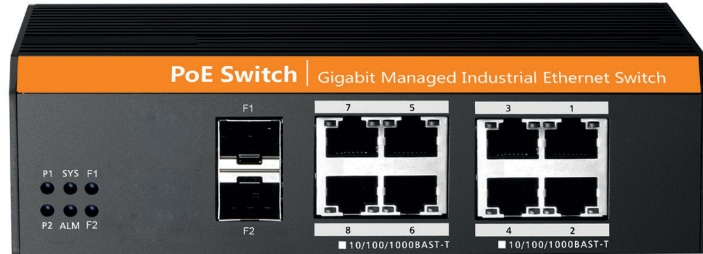


SWCH EVA 8P+SFP M

8-Port Gigabit Managed Industrial Ethernet Switch with 2 SFP ports

SWCH EVA 8P+SFP M is a 10-port gigabit managed industrial Ethernet switch with 8 gigabit PoE RJ45 ports and 2 gigabit optical SFP ports. Each POE port can provide up to 30W and can be used for IEEE802.3af/at compatible Powered Devices (PDs). Supports dual DC power source backup.



ALIM 24-48VDC 120W (NOT INCLUDED)

ISOLATED DC-DC POWER SUPPLY

- Supplies power to the SWCH EVA 8P+SFP M by converting the 24V DC current supplied by the AES (AES24V MS40 or AES24V MS150) into 48V DC
- Easy DIN rail installation

TECHNICAL CHARACTERISTICS

General	SWCH EVA 8P+SFP M	
Network Interface	• 10/100/1000Mbps RJ45 ports x8 • 10/100/1000Mbps SFP ports x2	• Console ports x1
Network Protocol	IEEE802.3, IEEE802.3il, IEEE802.3ul, IEEE802.3ab, IEEE802.3z, IEEE802.3ad, IEEE802.3x, IEEE802.3af/at, IEEE802.1pl, IEEE802.1ql, IEEE802.1w1, IEEE802.1d, IEEE802.1s	
Performance	• Bandwidth : 20Gbps (Non-Block) • Throughput : 14.9Mpps • MAC table : 8K	• Port cache : 4.1Mb • Forwarding model : Store and forward
LED Indicator	• Power Indicator : P1,P2 • System Indicator : SYS • Alarm Indicator : ALM	• SFP Port Indicator : Link&Act F1~F2 • RJ45 Port Indicator : POE&Link&Act 1~8
POE Pin	1/2 (+), 3/6/(-)	
Casing	Corrugated high-strength metal housing, IP40	
Installation	DIN-Rail	
Dimensions (LxWxH)	163mm×110mm×46.5mm	
Operating Temperature	-40~75°C	
Storage Temperature	-40~85°C	
Operating Humidity	5%~95% RH (non-condensing)	
Storage Humidity	0%~95% RH (non-condensing)	
Certification	CE/ROHS/FCC	
Compliance	<ul style="list-style-type: none"> • EMS : <ul style="list-style-type: none"> • IEC61000-4-2 (ESD) : ±8kV (contact), ±15kV (air) • IEC61000-4-3 (RS) : 10V/m (80MHz-2GHz) • IEC61000-4-4 (EFT) : Power Port: ±4kV; Data Port: ±2kV • IEC61000-4-5 (Surge) : Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±6kV • IEC61000-4-6 (CS) : 3V (10kHz-150kHz); 10V (150kHz-80MHz) • IEC60068-2-6 (Vibration) 	<ul style="list-style-type: none"> • IEC60068-2-27 (Shock) • IEC60068-2-32 (Free Fall) • EMC : <ul style="list-style-type: none"> • EN IEC 61000-6-4:2019 • EN IEC 61000-6-2:2019 • EMI : <ul style="list-style-type: none"> • FCC CFR47 Part 15 • EN55022/CISPR22 • Class A

SWCH EVA 8P+SFP M

8-Port Gigabit Managed Industrial Ethernet Switch with 2 SFP ports

Power supply	
Input voltage	48-56V DC (power supply not included, see ALIM 24-48VDC 120W)
Input port	Pluggable 5 pin terminals block, 5,08mm pitch (supports dual DC power source backup, built-in overcurrent protection, supports anti-reverse connection)
No-load power	6W@52V DC
Full load power	246W@52V DC (POE full load output)
Max. power for single port	30W
Software	
Protocol	<ul style="list-style-type: none">• IEEE 802.3 : Ethernet Media Access Control (MAC) protocol• IEEE 802.3i : 10BASE-T Ethernet• IEEE 802.3u : 100BASE-TX fast Ethernet• IEEE 802.3ab : 1000BASE-T gigabit Ethernet• IEEE 802.3z : 1000BASE-X gigabit Ethernet(fiber)• IEEE 802.3ad : Comply link aggregation standard• IEEE 802.3x : Flow control• IEEE 802.1p : About the traffic priority of the second layer of Qos / Cos protocol (multicast filtering)• IEEE 802.1q : VLAN Bridge operation• IEEE 802.1d : STP spanning tree• IEEE 802.1s : MSTP spanning tree• IEEE 802.1w : RSTP spanning tree• IEEE 802.3af• IEEE 802.3at
AI Button	<ul style="list-style-type: none">• AI Loop Protect• AI PoE• AI VLAN• AI Extend
DHCP	DHCP Snooping
VLAN	<ul style="list-style-type: none">• 4K VLAN• 802.1Q VLANMAC VLAN ,IP VLAN• Voice VLAN
MAC Table	<ul style="list-style-type: none">• IEEE 802.1d• Supports MAC address automatic learning and aging• Supports static, dynamic, filtering address table
Security	<ul style="list-style-type: none">• Password protection• Decline user access by port number, IP address and MAC address• HTTPS, SSL V3, TLS V1, SSH V1/V2• ARP Protection, IP source Protection, DoS Protection• Supports DHCP Snooping and DHCP attack protection• Supports 802.1X authentication, AAA• Supports port security, port isolation• Supports CPU protection• Supports IP-MAC-PORT ternary binding
PoE Management	<ul style="list-style-type: none">• Supports PoE total power limit• Supports PoE chip status view• Supports PoE port priority setting• Supports PoE power time period setting
ACL	<ul style="list-style-type: none">• Supports L2 (Layer 2) ~ L4 (Layer 4) packet filtering function• Supports port mirroring, port redirection, flow rate limit, QoS remarking
QoS	<ul style="list-style-type: none">• Supports 8 port queues• Supports port priority, 802.1P priority, DSCP priority• Supports SP, RR, WRR, priority scheduling algorithm
Spanning Tree	<ul style="list-style-type: none">• Supports STP (IEEE 802.1d) RSTP (IEEE 802.1w) and MSTP (IEEE 802.1s)• Supports loop protection, root bridge protection, TC protection, BPDU protection, BPDU filtering
Multicast	<ul style="list-style-type: none">• Supports IGMP v1/v2 Snooping• Supports multicast VLAN• Supports multicast filtering, packet statistics, and unknown multicast discards
Storm Suppression	<ul style="list-style-type: none">• Multicast suppression• Broadcast suppression• Unknown unicast suppression
Link Aggregation	<ul style="list-style-type: none">• Static aggregation• Dynamic aggregation• Supports IP, MAC, and hybrid load balancing modes• Up to 32 aggregation groups
IPv6	Pv6 Ping, IPv6 Tracert, IPv6 Telnet, IPv6 SSH, IPv6 SSL
Management and Maintenance	<ul style="list-style-type: none">• WEB management HTTPHTTPTSSSL V3• CLITelnet, SSH V1/V2, Local serial port• SNMP V1/V2/V3• LLDP, RMON• CPU monitoring, memory monitoring• System log, grading warning• Supports Ping, Tracert detection, cable detection• ARP protection, IP source protection, DoS protection