AEO | PRODUCT SPECIFICATIONS

AEO-8S3208-M-POE

Managed PoE Ethernet Switch

English · Revision EN-20261101-V177

Network ports	8 x 10/100/1000Base-T RJ45 ports; auto-detection, full/half duplex, auto MDI/MDI-X and PoE
Optical ports	2 x 100/1000Base-X SFP optical ports; SFP modules selected separately
Network protocols	IEEE802.3 10BASE-T； IEEE802.3i 10Base-T； IEEE802.3u 100Base-TX； IEEE802.3ab 1000Base-T； IEEE802.3z 1000Base-X； IEEE802.3x
Backplane bandwidth	192Gbps
Management port	1 x Console RS232 port (115200, N, 8, 1)
Packet forwarding rate	14.88Mpps
Forwarding mode	Store and Forward (full wire speed)
Power connector	2 sets of V+, V- redundant DC Phoenix-type terminal blocks
Power input	44–57 VDC
Reverse polarity protection	Supported
Power overload protection	Supported
Power redundancy	Supported
Device power consumption	Standby: <8W; full load: <12W
PoE	IEEE802.3af/at
PoE pin assignment	V+ V+ V- V- on pins 1, 2, 3, 6
PoE output per port	IEEE802.3af：15.5W；IEEE802.3at：25.5W
Ring network protocol	ERPS industrial ring protection

Traffic management	IEEE802.3x full-duplex flow control; broadcast storm suppression based on port rate; bidirectional rate limiting (minimum granularity 16Kbps, maximum 1Gbps); real-time traffic management and bidirectional port mirroring
Loop protection	Loop detection and loop prevention
Security management	User privilege levels and password protection; 802.1X, AAA/RADIUS, SSH2.0 and SSL; port isolation, IP source protection, ARP intrusion detection, DoS protection, port broadcast suppression and host data backup
Routing features	L2+ management; up to 128 IPv4 static/default routes and 1024 ARP entries
VLAN	4K VLAN, IEEE802.1Q and protocol-based VLAN; Access, Trunk and Hybrid port modes
Link aggregation	Static aggregation and LACP dynamic aggregation; up to 5 groups, with up to 8 ports per group
Spanning tree and multicast	STP/RSTP/MSTP (IEEE802.1d/1w/1s); IGMP Snooping v1/v2, up to 1024 multicast groups, fast leave and multicast VLAN
ACL	L2–L4 packet filtering; matching within the first 80 bytes; rules by source/destination MAC, source/destination IP, IP protocol, TCP/UDP ports and ranges, and VLAN; applied by port or VLAN
Configuration and maintenance	Console/AUX Modem/Telnet/SSH2.0 command line; Web management (HTTPS); SNMP v1/v2c/v3, NTP, Ping and LLDP
EN61000-4-2 electrostatic discharge	±8KV contact discharge; ±15KV air discharge
EN61000-4-3 radiated immunity	10V/m(80～1000MHz)
EN61000-4-4 electrical fast transients	±4KV power line; ±2KV data line
EN61000-4-5 surge immunity	±4KV/CM, ±2KV/DM power line; ±4KV data line
EN61000-4-6 conducted immunity	10V(150KHz～80KHz)
Mechanical tests	IEC60068-2-6 (vibration); IEC60068-2-27 (shock); IEC60068-2-32 (free fall)
Protection rating	IP40
Enclosure material	Aluminum alloy; fanless

Mounting	Desktop or 35mm DIN rail mounting
Dimensions (L x W x H)	165 × 148 × 54mm
Operating temperature	−40 °C～+85 °C
Operating humidity	5%–95% RH, non-condensing

Product page: https://www.aeo-cctv.com/en/products_e_44/AEO_8S3208_M_POE
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