

ON-5708E Datasheet

ON-5708E

Product Type	Managed Industrial Layer 2 Ethernet Switch
Model	ON-5708E
Total Ports	8
Ethernet Ports	6 × 10/100BASE-T/TX RJ-45
Fiber Ports	2 × 100/1000BASE SFP
Copper Port Features	Auto-Negotiation, Full/Half Duplex, Auto MDI/MDI-X
Console Port	RS-232, RJ-45
Power Connector	6-pin terminal block
Relay Output	1 × relay output
Power Input	12–48 VDC, redundant dual power input
Power Consumption	6 W @ 24 VDC
Switching Capacity	5.2 Gbps
Transmission Rate	3.87 Mpps
MAC Address Table	8K
Packet Buffer	4.1 Mbit
Maximum IGMP Groups	256
Maximum VLAN Groups	256
VLAN ID Range	1–4094
VLAN	IEEE 802.1Q Tag-based VLAN, IEEE 802.1ad QinQ VLAN Stacking
Port Mirroring	1-to-1, N-to-1; up to 4 mirror sessions
RSPAN	Remote Switched Port Analysis
GARP	GVRP, GMRP
Multicast	IGMP Snooping v1/v2/v3, MLD Snooping, IGMP Immediate Leave
Storm Control	Broadcast, Multicast, Unknown Unicast
LLDP	IEEE 802.1ab LLDP, LLDP-MED
Industrial Protocol	Modbus/TCP
Redundancy	X-Ring Pro, STP, RSTP, MSTP, ERPS (G.8032)

X-Ring Pro Recovery	Less than 20 ms
QoS Scheduling	WRR, Strict Priority, Hybrid Priority
Priority Queues	Up to 4
Class of Service	IEEE 802.1p, IP ToS, DSCP
Rate Limiting	Ingress and Egress
Link Aggregation	IEEE 802.3ad Dynamic and Static Port Trunking
Port Security	Static/Dynamic MAC, Maximum Learning Limit, MAC Violation Notification
Authentication	802.1X Port/MAC-based Authentication, MAB
Authentication Methods	MD5, PEAP, TLS, TTLS
Authentication Servers	RADIUS, TACACS+
IP Security	DHCP Snooping, ARP Spoofing Prevention
ACL	IP-ACL, MAC-ACL; up to 64 entries
Management	SNMP v1/v2c/v3, Web, Telnet, RMON
MIB Support	Standard MIB-II, Private MIB, Ethernet-Like MIB, RMON MIB
Secure Management	SSH 2.0, SSL
Software Upgrade	TFTP, HTTP, Dual Image
Time Synchronization	SNTP Client
DHCP	Client, Server, Options 66/67/82, DHCP Relay
Deployment Function	IXM-based fast deployment
NMS Support	Remote network monitoring and management
Enclosure	Metal Shell
Protection Class	IP30
Installation	DIN-Rail, Wall-Mount
Dimensions (W × H × D)	25 × 152 × 105 mm
Weight	520 g
Operating Temperature	-40°C to +75°C
Storage Temperature	-40°C to +85°C
Relative Humidity	5–95% RH, non-condensing
Overcurrent Protection	Supported
Reverse Polarity Protection	Supported

System LEDs	P1, P2, R.M., ALM
RJ-45 Port LEDs	Link, Speed, Activity
SFP Port LEDs	Link, Activity
Power Redundancy	Dual DC Power Input
SFP Copper Module	Supports the highest transmission rate of the compatible module
Source-Referenced Certifications	EN 62368-1, CE, CISPR 32, FCC Part 15B Class A, IEC 61000-4 series, EN 61000-6-2/-6-4, IEC 60068-2 series, IEC 62443-4-2
