

WL-1X08M -L2

**8/16/24 10/100/1000BaseTX + 8/16 1000 BaseSFP
Industrial Switch Managed Layer3**



Key Features

- 8/16/24 10/100/1000 Base TX RJ-45 Copper Ports
- 8/16 1000Base SFP Fiber Ports
- Support EAPS (Self-Healing Time < 30 ms) And RSTP/STP/MSTP (IEEE802.1W/D/S) Ethernet Redundant Protocol
- Support QoS (COS-802.1P, DSCP-DiffServ, MAC), IGMP Snooping/GMRP, DHCP, NTP, LACP, RMON Protocol
- Support Web, Telnet, Console, SNMPv1/v2c/v3 Configuration Management, Remote Online Upgrade
- Support LLDP Link Protocol, Automatic Discovery of Network Topology, Support Loop Intelligent Detection, Network Diagnostic, Suppressed Broadcasting Storm
- Support SP, RR, WRR, WDRR Scheduling Methods
- Support Bandwidth Management: Port Aggregation, Port Mirroring, Port Speed Limit
- Strong electromagnetic interference protection ability, Isolated Power Supply, Loss of Power Alarm, Event Log, Network Management Software Unified Management

Technical Standard

IEEE Standard:

- IEEE 802.3af for Power Over Ethernet
- IEEE 802.3at for Power Over Ethernet Plus
- IEEE 802.3 for 10BaseT
- IEEE 802.3u 100BaseT(X) and 100BaseFX
- IEEE 802.3z for 1000BaseX
- IEEE 802.3ab for 1000BaseT(X)
- IEEE 802.3x flow control
- IEEE 802.1D Spanning Tree Protocol
- IEEE 802.1W Rapid Spanning Tree Protocol
- IEEE 802.1Q VLAN Tagging
- IEEE 802.1P Quality of Service
- IEEE 802.1W RSTP(Ring Network)
- IEEE 802.1S MSTP (Multiple Spanning Tree Protocol)
- IEEE 802.3ad Static Load Balancing Configuration and LACP Dynamic Configuration

Technical Specifications

Protocol	IGMP Snooping v1, v2, v3 Equipment, GMRP, GVRP, SNMPv1, v2c, v3, DHCP Snooping, BootP, TFTP/Xmodem, SNTP, RMON, HTTP, Telnet, SSH, Syslog, Option 81/82, LLDP
MIB	MIB-II(RFC1213), Bridge MIB(RFC1493), RSTP MIB, RMON MIB(RFC1724) Group 1, 2, 3, 9, OSPF MIB(RFC1850), SNMP v. 2 MIB (RFC 1907), IF MIB (RFC2233), RFC 2571, RFC 2572, RFC 2573, RFC 2574, RFC 2570, RFC 2674
Flow Control	IEEE 802.3x Flow Control, Back Pressure Flow Control
Cyber Security	Support User Classification Management and Password Protection; Support IEEE 802.1x Authentication / Centralized MAC Address Authentication, AAA Authentication; Support RADIUS Authentication; Support HTTPS, SSH, ACL, Port VLAN, PVLAN, TRUNK; Support Anti ARP Spoofing; Support Port Protection; Support MAC Limitation, Filtering; Support IP + MAC + Port Binding
Switch Property	Priority Queue: 4 Maximum Number of VLANs: 4 k VLAN ID Range: 1 – 4094 IGMP Group: 256 MAC Address Table Size: 8 k Exchange Delay: <5 μ s Packet Buffer Size: 3 Mbit Backplane Bandwidth: 56G Forwarding Rate: 41.6 Mpps
Connectors	8/16/24 10/100/1000 Base TX RJ-45 Copper Ports 8/16 1000Base SFP Fiber Ports Console Port: RS-232 (RJ45 Connector, Cisco Standard)
Power Supply	ADC220V (ADC110 ~ 260V) Power Consumption: <45 W Reverse Connection Protection Overload Protection Isolated Redundant Dual Power Supply, Loss of Power Alarm
Protection Class	IP40 Metal Enclosures
Physical	440 X 340 X 44 mm, 3000 g
Mount Method	Standard 1U Rack Mount
MTBF	400000 Hours
Operating Temperature	-40 °C – 75 °C
Storage Temperature	-40 °C – 85 °C
Operating Humidity	5% – 95% (No Condensation)
Manufacturer Warranty	3 Years