

MP-2408XF

24+8 Port 10G Managed PoE+ Ethernet Switch



- 24x 10GBASE-T Ethernet ports with IEEE 802.3at PoE+
- 8x 1G/10G SFP+ Slot
- RSTP, MSTP, ERPS, LACP for Network Redundancy
- QoS CoS/DSCP to increase determinism
- Supports IGMP Snooping v1/v2/v3, up to 1023 groups
- DHCP Relay Option 82 for policies IP address assignment
- SNMP v1/v2c/v3 for network management
- Supports Storm Protection
- USB storage for configuration-free replacement
- Supports PoE PD Alive Check Function for PoE Device Power Recycle

Specifications

Technology

IEEE 802.3u 100BaseTX
 IEEE 802.3ab 1000BaseT
 IEEE 802.3ae 10GBase over Fiber
 IEEE 802.3x Flow Control
 IEEE 802.3ad/802.1AX LACP
 IEEE 802.3af Power over Ethernet
 IEEE 802.3at PoE+
 IEEE 802.1D Spanning Tree Protocol
 IEEE 802.1w Rapid STP
 IEEE 802.1s Multiple STP
 ITU-T G.8032 / Y.1344 ERPS
 IEEE 802.1Q VLAN Tagging
 IEEE 802.1ad Stacked VLANs
 IEEE 802.1p Class of Service
 IEEE 802.1X Network Authentication
 IEEE 802.1AB LLDP

Standards

Processing Type Store and Forward

Switch Properties

Priority Queues 8 Queues
Jumbo Frame 12288bytes
MAC Table Size 32K
VLAN Table Size 4094
IGMP Group 1023
Packet Buffer 32Mbits

Software Feature

Network Redundancy RSTP, MSTP, G.8032 ERPSv2, Port Trunking with LACP
Security 802.1X, RADIUS, TACACS+, SSL, SSH
Management IPv4, IPv6, Web, Telnet, Serial

Console, CLI, SNMP v1/v2c/v3, uPnP

Diagnostics	RMON, SNMP Inform/Trap, Syslog, SMTP, Port Mirroring, LLDP
Configuration	DHCP Server/Client, Relay Option 82, TFTP, USB
Filter	802.1Q VLAN, Q-in-Q, IGMP Snooping v1/v2/v3, IGMP Querier, Independent Vlan Learning
Time Sync.	NTP
QoS	CoS, DSCP, WRR/SPQ Queuing, Storm Protection
PoE	Powering Status, PoE Monitoring, Scheduling, PD Alive Check

Interface

RJ45 Port	24x 100M/1G/10GT(x) with PoE+, auto negotiation speed duplex mode, auto MDI/MDI-X
Fiber Port	8x 1G/10G SFP+ Slot
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan, MDI Mode A
LED Indicators	Per unit: PWR, Status Ports: Link/Active (Green) PoE: Output Power (Amber)
Button	Multiple functions reset button
Serial Console	1x RS232 in RJ45 connector with console cable, 115.2Kbps, 8N1
Storage	1x USB 2.0 storage for firmware update, configuration backup, restore, boot up and syslog

Power Requirements

Operation Voltage	100~240VAC
Connection	AC socket
Power Consumption	46W without PDs' consumption
PoE Power Budget	Max. 370W@AC for total PD consumption, Max. 30 W per PoE port
Protection	Overload Current Protected

Mechanical Construction

Enclosure	Steel met
Protection Class	IP30
Dimensions	440x44x310 mm (WxHxD)
Weight	6.00 kg
Mounting	Rack Mounting

Environmental Limits

Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 to 95%, (Non-Condensing)

Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)
Green	RoHS Compliant
MTBF	>100,000 hours
Warranty	2 Years

Features with star(*) implies those are under development.
In a continuing effort of improvement and updated technology, product specifications are subject to change without notice.

Dimensions (unit = mm)

