

# 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, DDM

**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, IEEE1588v2 OC (Software Timestamp), BC (Software Timestamp), TC (Hardware Timestamp)

**QoS** CoS, DSCP, WRR/SPQ Queuing, Storm Protection

**PoE** Powering Status, PoE Monitoring, Scheduling, PD Alive Check, PoE Priority

#### Interface

**RJ45 Port** 24x 100M/1G/2.5G/5G/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, PoE Max, FAN **Ports:** Link/Active with highest speed(Green), low speed(Amber)

	<b>PoE: Output Power (Blue)</b>
<b>Button</b>	Multiple functions reset button
<b>Serial Console</b>	1x RS232 in RJ45 connector with console cable, 115.2Kbps, 8N1
<b>Storage</b>	1x USB 2.0 storage for firmware update, configuration backup, restore, boot up and syslog
<b>Power Requirements</b>	
<b>Operation Voltage</b>	100~240VAC
<b>Connection</b>	AC socket
<b>Power Consumption</b>	46W without PDs' consumption
<b>PoE Power Budget</b>	Max. 370W for total PD consumption, Max. 30 W per PoE port
<b>Protection</b>	Overload Current Protected
<b>Mechanical Construction</b>	
<b>Enclosure</b>	Steel met
<b>Protection Class</b>	IP30
<b>Dimensions</b>	440x44x310 mm (WxHxD)

<b>Weight</b>	6.00 kg
<b>Mounting</b>	Rack Mounting
<b>Environmental Limits</b>	
<b>Operating Temperature</b>	0°C ~ 50°C (32°F ~ 122°F)
<b>Storage Temperature</b>	-40°C ~ 85°C (-40°F ~ 185°F)
<b>Ambient Relative Humidity</b>	5 to 95%, (Non-Condensing)
<b>Regulatory Approvals</b>	
<b>EMI</b>	FCC Part 15 Subpart B Class A CE EN 55032 Class A
<b>EMS</b>	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)
<b>Green</b>	RoHS Compliant
<b>MTBF</b>	>100,000 hours
<b>Warranty</b>	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)

