

MP-2408NF

24+4+4 Port 10G Managed PoE+ Ethernet Switch with 25G Uplink



- 24x 10GBASE-T Ethernet ports with IEEE 802.3at PoE+
- 4x 1G/10G SFP+ Slot
- 4x 1G/10G/25G SFP28 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

Standards

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

Processing Type Store and Forward

Switch Properties

Switch Fabric	760Gbps
Priority Queues	8 Queues
Jumbo Frame	12288byte
MAC Table Size	32K
Packet Buffer	32Mbits
VLAN Table Size	4094
IGMP Group	4096
ACL Group	4096

Software Feature

Network RSTP, MSTP, G.8032 ERPSv2, Port

Redundancy	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/2.5G/5G/10G-T(x) with PoE+, auto negotiation speed duplex mode, auto MDI/MDI-X
Fiber Port	4x 1G/10G SFP+ Slot 4x 1G/10G/25G SFP28 Slot
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan, MDI Mode A
LED Indicators	Per unit: PS1.System.Status.FAN.,PoE MAX Ports: Link/Active (Green) PoE: Output Power (Amber)
Button	Multiple functions reset button

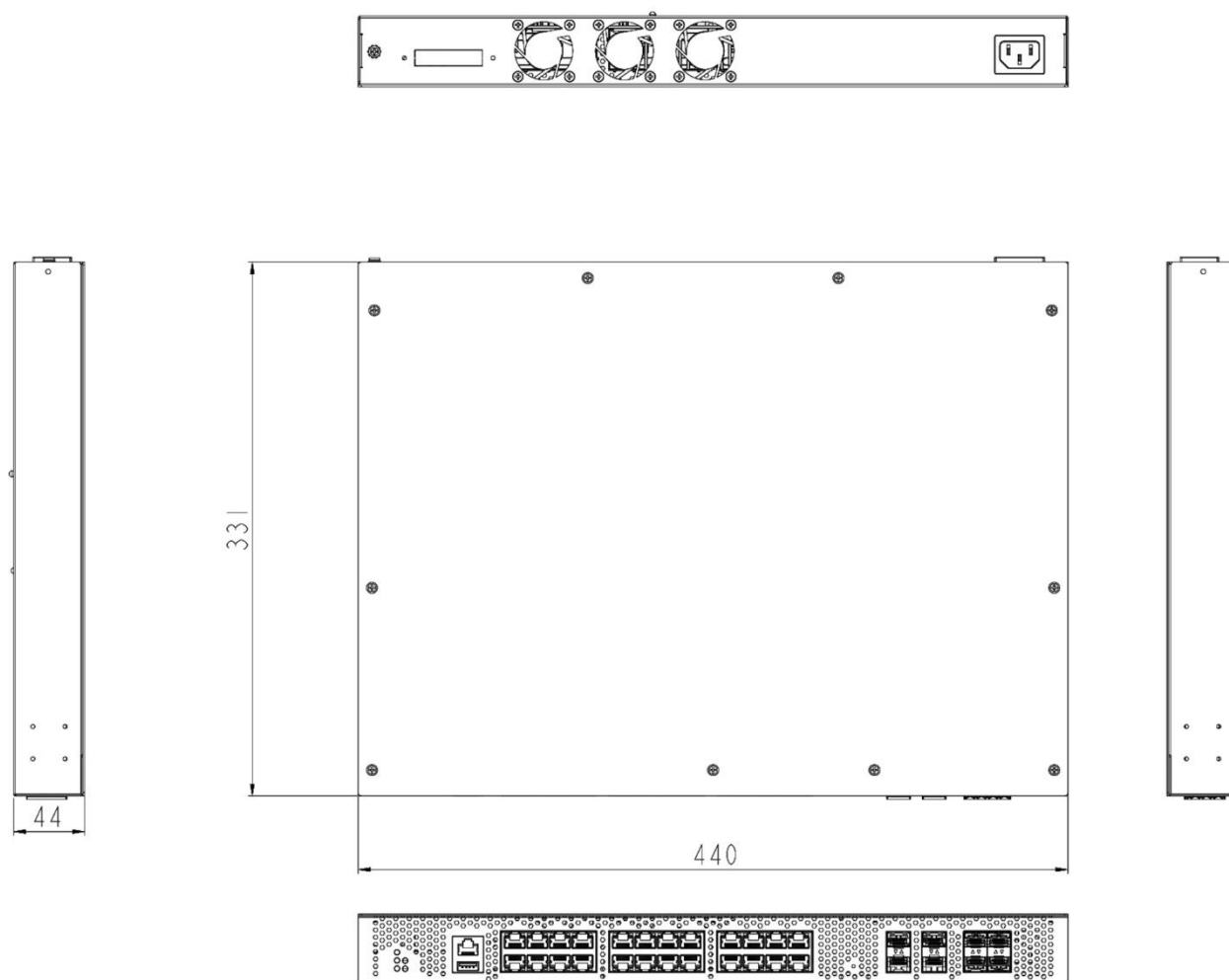
Serial Console	1x RS232 in RJ45 connector with console cable, 115.2Kbps, 8N1
Storage	1x USB 2.0 storage for firmware update, configuration backup, restore, boot up and syslog
Power Requirements	
Operation Voltage	100~240VAC, 48~57VDC inputs
Connection	AC socket, DC 4-pin terminal block
Power Consumption	46W without PDs' consumption
PoE Power Budget	Max. 370W@AC, 720W@DC for total PD consumption, Max. 30 W per PoE port
Protection	Overload Current Protected
Mechanical Construction	
Enclosure	Aluminum / Steel met
Protection Class	IP30
Dimensions	440x44x310 mm (WxHxD)
Weight	6.00 kg
Mounting	Rack Mounting

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.

FAN	Fix 3 pcs smart fan
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	3 Years

Dimensions (unit = mm)



Ordering Information

MP-2408NF-AC	24+4+4 Port Industrial Managed Gigabit Switch with 25G Uplink
	- 24x 100/1G/10G-T(x) + 4x 10G SFP+ Slot + 4x 25G SFP28 Slot
	- Operating Temperature: 0°C ~ 50°C (32°F ~ 122°F)
	- 1x 100~240VAC Power Input
MP-2408NF-DC	24+4+4 Port Industrial Managed Gigabit Switch with 25G Uplink
	- 24x 100/1G/10G-T(x) + 4x 10G SFP+ Slot + 4x 25G SFP28 Slot
	- Operating Temperature: 0°C ~ 50°C (32°F ~ 122°F)
	- 1x 48~57VDC Power Input