

24 Gigabit PoE + 4 10G SFP+ Managed Switch

Model: ZP-6624M4SFG



Product Description:

ZP-6624M4SFG-10 is L3 line speed pure gigabit managed switch, provides 4 10G SFP+ port, 24 gigabit PoE ports, to meet your need of high bandwidth. At the same time, it support WEB management and Console management, support RIP-QSPF, Port mirroring, port trunk, VLAN classification, rapid spanning tree, QoS control strategy, SNMP, 802.1x authentication and other functions. It provides a low-cost, highly reliable solution for internet bars, hotels, intelligent communities, small and medium enterprises to achieve network intelligent and secure.

Excellent Performance:

All 28 ports are support non-blocking, full wire-speed forwarding, to provide you with powerful data processing capabilities.

Support port bandwidth control, according to different users with different business needs, precise control of each port to send and receive rate, to help you allocate reasonably the bandwidth resources and improve bandwidth utilization.

Broadcast storm control function can control the rate of broadcast, multicast, unicast and ICMP effectively, to avoid network congestion and protect your network running normally.

Stable and Reliable:

Support trunk function, can allocate 14 aggregation groups, maximum 16 ports per group, so it not only can meet the high bandwidth requirements, but also can achieve link redundancy, and improve the network reliability.

Support RSTP (Rapid Spanning Tree Protocol), to ensure the network fast convergence, and provide the link redundancy backup when avoid the network generating loop circuit, to make the network running more stable and reliable.

Multicast applications:

IGMP Snooping function can manage and control the multicast group, so that the multicast data can be only transmitted to the recipient in need, save bandwidth, enhanced security of multicast information, and meet the demands of multicast applications, such as videoconferencing, video on demand, etc.

Security:

The broadcast and multicast traffic within the same VLAN will not be forwarded to other VLAN groups, so, the division of VLAN can contribute to controlling traffic, simplifying network management and improving security. The switch support port based VLAN and 802.1Q VLAN, can limit the broadcast domain, improve the information security and bandwidth utilization, and enhance the capacity of multi-service applications.

Support authentication technique for Port 802.1x, can carry out user identity authentication to whom accessed network, eliminate unauthorized and unauthorized users or devices illegal access, to protect network security.

QoS Control Strategy:

ZP-6624M4SFG-10G with a wealth of QoS control strategies, support priority mode of port-based, 802.1p and DSCP, each port with 4 priority queues, coordinate strict priority(SP) or a weighted round robin (WRR) queue scheduling algorithm, provide an ideal solution for those demanding new business to bandwidth, delay and jitter, such as telephone conferencing, video-on-demand.

Easy to Management:

Support port mirroring function, you can monitor network packets access and sent. To the internet bar users, it can easily submit data to the public security department for review. To the business users, it can control the internal data well, also helps to find the fault point quickly and accurately when the network crashes.

Support cable diagnostic function, and provide line status display.

Support Console management, can be carried out-of-band management via Console port.

Support WEB management mode, pure English WEB management interface to provide you with an intuitive and secure management platform, and convenient for system upgrade and maintenance; Meanwhile, support the import and export of configuration files, to make your management process become easier and efficient.

Product Features:

- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3ad, IEEE802.1w, IEEE 802.1x, IEEE 802.1Q, IEEE 802.1p, 802.3af/at standard.
- 4 10G SFP+ port, and 24 gigabit PoE ports.
- All ports support a half / full duplex mode auto-negotiation.
- Using storage-forward switch mode.
- Support MAC address self-learning.
- Support port bandwidth control and broadcast storm control.
- Support for link aggregation, can be configured eight aggregation groups, each group up to 24 ports, providing LACP status display.
- Support RSTP (rapid spanning tree protocol) and RSTP status display.
- Support IGMP (V1, V2 , v3) Snooping (Multicast applications), and IGMP status display.
- Support SNMP (V1, V2C , v3) .
- Support Port based VLAN, 802.1Q VLAN.
- Support RIP-QSPF.
- Support for 802.1x-RADIUS authentication and IP address filtering security strategy.
- Support for port-based, 802.1p and DSCP priority.
- Support port mirroring and port traffic statistics function.
- Support for Ping configuration and cable diagnostics.
- Support for import and export configuration files.
- Support SNMP management.
- Support pure English WEB management interface.
- Dynamic LED indicator to show the state of equipment and provide a simple troubleshooting.
- 19 inch standard rack-mounted steel design.

Specification:

Hardware Specification	
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.3ad, IEEE 802.1w, IEEE 802.1x, IEEE 802.1Q, IEEE 802.1p, 802.3af/at
Fixed Port	4 10G SFP+ port, 24 gigabit PoE port
Cable Type	10Base-T: Category 3/4/5 UTP, support maximum transmission distance 100m 100Base-TX: CAT5 UTP, support maximum transmission distance

	100m 1000Base-T: CAT5e UTP, support maximum transmission distance 100m	
Fiber Type	50/125μm multimode fiber, transmission distance 550m 9/125μm single mode fiber, transmission distance 10km 9/125μm single mode fiber, transmission distance 40km 9/125μm single mode fiber, transmission distance 80km	
LED Indicators	Power:Power LED Port:(Green=10/100M LED+Orange=1000M LED) 25-28:(Integrated SFP LED)	
Background Bandwidth	128 Gbps	
MAC Address Table	32K	
Power Pin	Default 1/2(+), 3/6(-); Optional order 4/5(+), 7/8(-)	
Single port power	15.4W/30W	
Watt	MAX 120W ;	
Power	Built-in100-240V	
Forwarding Rate	10Mbps: 14880PPS 100Mbps: 148800PPS 1000Mbps: 1488000PPS	
Dimensions (W x H x D)	440*205*44(mm)	
Input Voltage	100V~240VAC,50/60Hz	
Power Consumption	< 30W	
Working Temperature	0°C ~ 40°C	
Store Temperature	-40°C ~ 70°C	
Operating Humidity	10% ~ 90% RH Non-Condensing	
Storage Humidity	5% ~ 90% RH Non-Condensing	
Heat Dissipation	Fan heat dissipation	
Software Specification		
Port Management	Port bandwidth control	Support
	Broadcast Storm Control	Support
	Port traffic statistics	Support
	Trunk	Support maximum 14 groups Every group maximum 16 ports
	Port mirroring	Support
VLAN Setting	Port-based VLAN	Support

	Based on 802.1Q VLAN	Support (8K)
RIP-QSPF	Support	
STP	RSTP	Support
Multicast Application	IGMP(V1, V2)Snooping	Support
QoS Settings	QOS settings	Port-based, 802.1p, DSCP
	Queues scheduling algorithm	Strict Priority (SP) Weighted Round Robin (WRR)
Security Settings	802.1Xd port authentication	Support
	IP address filtering	Support
System Management	WEB management	Support
	LACP status display	Support
	RSTP status display	Support
	IGMP status display	Support
	Ping allocation	Support
	SNMP	Support
	Cable Diagnose	Support
	Configuration files import and export	Support
	Software Upgrade	Support
Packing List		
Packing List	<ul style="list-style-type: none"> • Power line • ZP-6624M4SFG-10 ethernet switch • User manual • Configuration cable • Mounting bracket and screw • Rubber foot 	

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