



8-Port 10/100/1000Mbps

Managed PoE Switch with 2.5G

SFP+ Uplink

MSTP
RSTP



S7500-8GP2XF-L2

Key Features:

Ports: Provide 8*10/100/1000Mbps PoE ports with 2 Ports 2.5G SFP+ Uplink

Self-adaption: RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX

Fiber Port: 2 Ports 2.5G SFP+ Uplink

POE Ports: Fully IEEE802.3af/at Compliant

Wide Application: Designed for Wifi AP and IP Security camera.VoIP etc

Managed: Support remote web managed,VLAN and storm contro and IPV6 managementl etc.

Surge protection: Protect the device from lighting surges and others electrical hazards

Considerate Design: Exquisite compact size.wall mounted with fanless design

Easy to use: Plug and play, No configuration required

High performance switch with 2500Mbps SFP+ Uplink

This 8 ports gigabit Switch provides a high-performance switch architecture that is capable of providing the non-blocking switch fabric and wire-speed throughput as high as 256Gbps, which greatly simplifies the tasks of upgrading the LAN for catering to increasing bandwidth demands. Besides, the Flow Control function of the switch enables routers and servers to directly connect to the Switch for fast and reliable data transfer.

All the RJ45 copper interfaces of the S7500-8GP2XF-L2 support 10/100/1000Mbps auto-negotiation for optimal speed detection through RJ45 Category 6, 5 or 5e cables. It also supports standard for auto-MDI/MDI-X that can detect the type of connection to any Ethernet device without requiring special straight or crossover cables. with incoming new multispeed devices, their wired network needs to expand its reach and scope to support speeds greater than 1 Gigabit, This 2.5G SFP+ Uplink switch is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra high speed data transferring.

Cost-effective IPv6 Managed Gigabit PoE Switch Solution

With layer 2+ managed Gigabit PoE Switch, It provides IPv6/IPv4 management and built-in L2/L4 Gigabit Switching engine, and supports high-speed transmission of surveillance images and videos.

Surge Protection Design

Reaching 6KV surge protection, the Ethernet ports owns the capacity to keep the Ethernet Switch from lightning strikes and other electrical suraes. offering reliable performance even in some harsh environments.

Fanless Design

With its good ventilation design, this switch is able to operate all along without a fan, thus reducing substantial power consumption and creating a noiseless environment. It is definitely the best choice for any working environment without affecting its performance.

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8 ports 10/100/1000Mbps Managed PoE Switch with 2.5G SFP+ Uplink

Technical Datasheet

Model	SP7500-8GP2XF-L2	
Hardware Specifications		
Connector	8 10/100/1000BASE-T RJ45 auto MDI/MDIX ports	
	8 10/100/1000BASE-T RJ45 auto MDI/MDIX ports Uplink	
	2 2500 Base-X SFP+ Slots Uplink	
	1 Console port	
Uplink port	2 1000 Base-X SFP+ Slots	
LED Display	Power Indicator: PWR(green).	
	Network Indicator: Link(yellow)	
	POE: Orange	
	SFP: Green	
PoE power budget	120W/200W optional	
Network Standard	IIEEE 802.3u 100BASE-TX/100BASE-FX	
	IEEE 802.3z 1000BASE-SX/LX	
	IEEE 802.3ab 1000BASE-T	
	IEEE 802.3bz 2.5GBASE-T	
	IEEE802.3af/IEEE802.3at	
	IEEE 802.3ae 10Gb/s Ethernet	
Switch Architecture	IEEE 802.3x flow control and back pressure	
	Store and Forward	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	256Gbps
	Packet forwarding rate	52.36Mpps
	MAC address	16k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension	270mm x 180mm x 44.5mm(10.62in x 7.09in x 1.75in)	
Weight	2.8kg	
Environment	Operating temperature: -10℃~45℃， operating humidity: 10%~90%	
	Storage temperature: -20℃~70℃， storage humidity: 5%~95%	
Safety	FCC Part15 Class A,CE,RoHs	

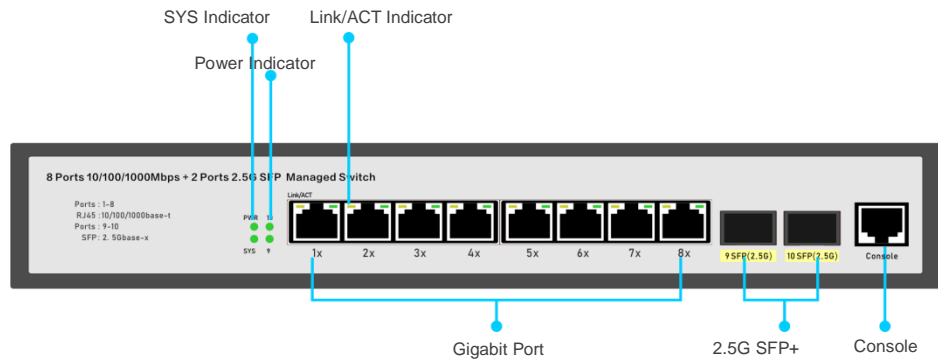
Layer 2 Functions		
Port Mirroring	TX / RX / both Many-to-1 monitor	
Vlan	802.1Q tagged-based VLAN	
	Up to 256 VLAN groups, out of 4094 VLAN IDs	
	802.1ad Q-in-Q tunneling	
	Voice VLAN;Protocol VLAN;Private VLAN (Protected port),GVRP	
Link Aggregation	IEEE 802.3ad LACP and static trunk	
	Supports 8 groups of 8-port trunk	
Spanning Tree Protocol	STP, IEEE 802.1D Spanning Tree Protocol	

	RSTP, IEEE 802.1w Rapid Spanning Tree Protocol MSTP, IEEE 802.1s Multiple Spanning Tree Protocol
IGMP Snooping	IGMP (v2/v3) snooping IGMP querier Up to 256 multicast groups
MLD Snooping	MLD (v1/v2) snooping, up to 256 multicast groups
Access Control List	IPv4/IPv6 IP-based ACL / MAC-based ACL
PoE Management	Open or close port Standard POE scheduling management Power and current display Automatic restarting function of equipment dead machine Timing Support IP bindings restarting
QoS	8 mapping ID to 8 level priority queues --- Port number --- 802.1p priority --- 802.1Q VLAN tag --- DSCP field in IP packet Traffic classification based, strict priority and WRR
Security	IEEE 802.1X port-based authentication Built-in RADIUS client to co-operate with RADIUS server RADIUS / TACACS+ user access authentication IP-MAC port binding MAC filtering Static MAC address DHCP Snooping and DHCP Option82 STP BPDU guard, BPDU filtering and BPDU forwarding DoS attack prevention ARP inspection IP source guard
Management Function	
Basic Management Interfaces	Web browser / Telnet / SNMP v1, v2c, V3 Firmware upgrade by HTTP / TFTP protocol through Ethernet network Remote / Local Syslog, System log, LLDP protocol, SNMP
Secure Management Interfaces	SSH, SSL, SNMP
SNMP MIBs	RFC 1213 MIB-II RFC 1215 Generic Traps RFC 1493 Bridge MIB RFC 2674 Bridge MIB Extensions RFC 2737 Entity MIB (Version 2) RFC 2819 RMON (1, 2, 3, 9) RFC 2863 Interface Group MIB RFC 3635 Ethernet-like MIB

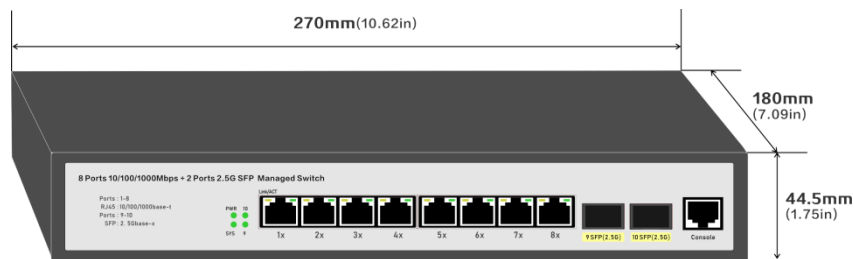
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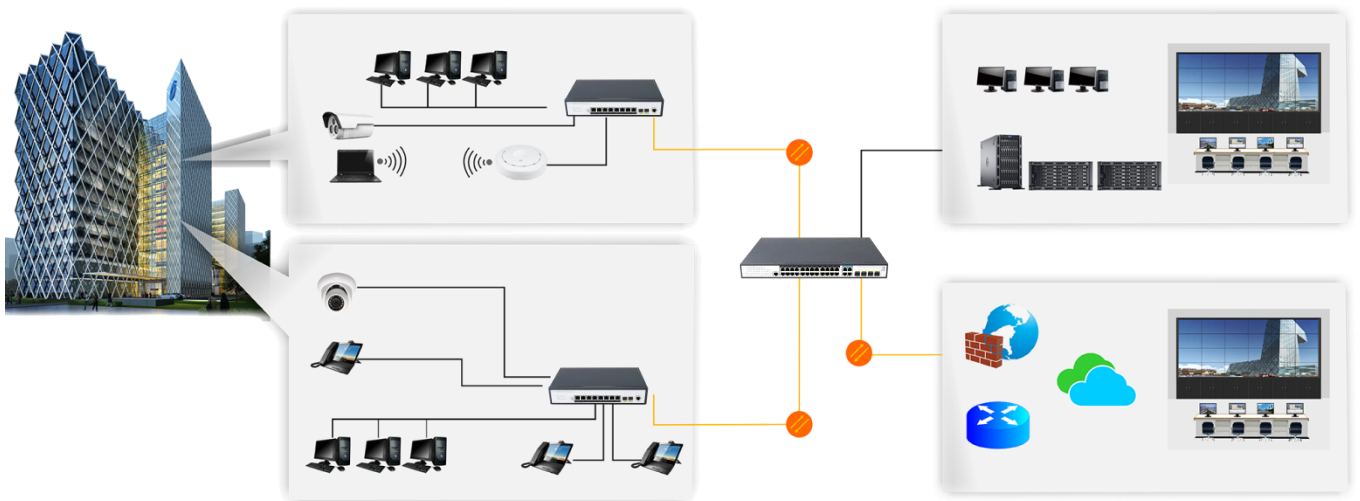
Interfaces



Structure Diagrams



Applications



Ordering Information

S7500-8GP2XF-L2	8 Ports 10/100/1000Mbps Managed PoE switch with 2.5 SFP+ Uplink,6KV surge protection
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