

SP7500-48GP4TF-L3M-800W

SP7500-48GP4TF-L3M-800W 48-port managed PoE switch with 4 uplinks



Model	SP7500-48GP4TF-L3M-800W
Brend	Import
Port sayı	48 Port
PoE	PoE+
PoE gücü	800 W
Port sürəti	1000mb/s

Specification

Model	SP7500-48GP4TF-L3M-800W
Equipment Specifications	
Connector	48 10/100/1000BASE-T RJ45 ports Auto MDI/MDIX 4 1000 Base-X SFP slots 1 console port
PoE port	48 port POE PSE 10 / 100 / 1000 Mbps
SFP	Single fiber/dual fiber supported. Distance depends on module
Console port	1 serial port RS232-RJ45
LED indicators	Power LED: PWR (green) Network LED: Link (yellow) PoE LED: PoE (green)
Switch architecture	Storage and shipment
Transmission model	IEEE802.3X full duplex and half duplex with backpressure
Switching performance	Backplane throughput 256 Gbps Packet forwarding rate 132 Mpps MAC address 16k
Power over Ethernet (PoE) Specifications	

Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3x Flow control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3az EEE
PoE Standard	IEEE 802.3af Power over Ethernet / PSE IEEE 802.3at Power over Ethernet Plus / PSE
PoE power supply type	1 / 2(+), 3 / 6(-) End-span
PoE output power	Per port 52 VDC, 300 mA. Max. 15.4 W (IEEE 802.3af) Per port 52 VDC, 600 mA. Max. 30 W (IEEE 802.3at)
PoE Power Budget	450 W
Level 2 features	
Port Mirroring	TX / RX / both monitors many to 1
Vlan	802.1Q tag-based VLAN Up to 256 VLAN groups of 4094 VLAN IDs 802.1ad Q-in-Q tunneling Voice VLAN, Protocol VLAN, Private VLAN (secure port), GVRP
Link aggregation	IEEE 802.3ad LACP and static trunk Supports 8 groups of 8-port trunks
Spanning Tree Protocol	STP, IEEE 802.1D Spanning Tree Protocol RSTP, IEEE 802.1w Fast 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 tracking	MLD snooping (v1/v2), up to 256 multicast groups
Access Control List	IPv4/IPv6 IP-based ACL/MAC-based ACL
PoE management	Open or close port Standard POE schedule control Power and current display Automatic restart function for idle equipment Support IP binding restart
QoS	8 queue mapping IDs with 8 priority levels --- Port number --- 802.1p priority --- 802.1Q VLAN tag --- DSCP field in IP packet Based on traffic classification, strict priority and WRR
Safety	IEEE 802.1X port-based authentication Built-in RADIUS client to communicate with RADIUS server RADIUS / TACACS+ user access authentication IP-MAC port binding MAC filtering Static MAC address DHCP snooping and DHCP option STP BPDU protection, BPDU filtering and BPDU forwarding Prevention DoS attacks ARP inspection IP source protection
Control function	
Main control interfaces	Web Browser / Telnet / SNMP v1, v2c, V3 HTTP / TFTP Firmware Upgrade via Ethernet Remote / Local Syslog, Syslog, LLDP, SNTF
Secure management interfaces	SSH, SSL, SNMP

SNMP MIBs	RFC 1213 MIB-II Common Traps RFC 1215 Bridge MIB RFC 1493 Bridge MIB Extensions RFC 2674 RFC 2737 Entity MIB (version 2) RFC 2819 RMON (1, 2, 3, 9) Interface Group MIB RFC 2863 RFC 3635 Ethernet-like MIB
Safety	
Safety	FCC Part 15 Class A,CE,RoHs
Protection	
ESD protection	Contact discharge 4 kV DC; Air discharge 8 kV DC Electrostatic discharge: 6 kV
Environment	
Operating temperature	-20~55
Storage temperature	-40~75
Operating humidity	5~95
Storage Humidity	5~95
Electrical properties	
Required power	AC100-240V 50/60Hz
General information	
Color	Black
Dimensions	440 mm x 290 mm x 44.5 mm (17.32" x 11.42" x 1.75")
Weight	5 kg.