



48-Port Gigabit L2 Managed Switch with SFP+

SW-MG48L4F-074



Description

The switch is a full Gigabit management switch, which uses the unique optical port design of the industry, breaking through the limitations of traditional multiplexing ports; reliable switching engine, broadband telecommunication power supply design, fast and efficient loop protection function, escorting the stable operation of your network; international "EEE" environmental protection and energy saving Standard design, effectively saving electricity and money for users. This series of products provide users with brand-new technical characteristics and solutions in the aspects of security, reliability, multi-service integration, easy management and maintenance. It is the ideal convergence of office network, service network and resident network, access switch and the core switch of small and medium-sized enterprises and branches.

Main Features

Rich port specifications to meet various business needs.

48 Gigabit ports +4 10 Gigabit / Gigabit light port.

Non-blocking High-speed Forwarding

Support L2 level wire-speed port switching, which enables all ports to forward packets without blocking.

Innovative Energy Saving Design, the leader of low-carbon communication

Supports IEEE 802.3az(Energy Efficient Ethernet), port energy detection, CPU variable-frequency and device hibernate technology, greatly reducing energy consumption and noise without compromising performance and stability.

Technical Specification

Hardware Specifications	
Fixed Ports	48 x 10/100/1000 Base-T ports 4 x 1G/10 GE Base-X SFP+ ports
Reset	1
Port Switching capacity	176Gbps
Forwarding Rate	131Mpps
Flash/RAM	16MB/128MB
Temperature	Operating temperature: (-10 - 50)°C Storage temperature: (-40 - 70)°C
Humidity	Operating humidity: (10% - 90%) RH, non-condensing
Dimensions	Storage humidity: (5% - 90%) % RH, non-condensing
Power	440(L) x 285(W) x 44(H) mm
Power consumption	AC: 10 ~ 240VAC, 50 ~ 60Hz, 5V/6A
Weight	<5 kg
Lightning protection	72 W
MAC address table	6KV
LED Indicator	32K

Software specifications

Forwarding mode	Store-and-forward
Protocol and Standards	IEEE 802.3, 10 Base-T Ethernet; IEEE 802.3u,100 BASE-TX; IEEE 802.3ab,1000 BASE-T; IEEE 802.3z,1000 BASE-X; IEEE 802.3az,EEE(Energy Efficient Ethernet);
MAC Address	8K MAC addresses,Support auto-update, two-way learning
VLAN	Based Port VLAN Up to 4096 VLAN VLANs based on IEEE 802.1q
Port Aggregation	8 aggregation groups,each containing up to 8 ports;
Port Mirroring	Send and receive two-way port mirroring
Ring network protocol	support
Port stream control	Half duplex based on backpressure control Full duplex based on PAUSE frames
Port speed limit	Port Based Input / Output Bandwidth Management
Multicast control	IGMPv1/2/3 and MLDv1/2 Snooping
Storm suppression	Storm suppression for unknown Unicast, multicast, broadcast type Storm suppression based on bandwidth regulation and storm filtering
Line order	Auto-MDIX, Automatic identification of straight and cross lines
Modalities for consultation	Port automatic negotiation
System maintenance	Detection of connectivity Upgrade package upload See System log WEB factory configuration restored
Management	WEB-based interface management Telnet SNMP