

# FIBER OPTIC SWITCH PRODUCTS

Fiber Optic Switch 16x1G L2 Managed Fiber Switch



## OVERVIEW

SW-FGM-16SFP-L2 is a 20 port 1000M fiber switch, with 16 1000M SFP fiber ports(100/1000M SFP or the SFP-1000BaseT RJ45 port Optional) and 4 1000M Combo port (100M / 1000M SFP port or 10/100/1000M RJ45 port optional) uplink.

SW-FGM-16SFP-L2 supports SFP modules hot plug, and supports to work with other fiber switches, fiber converters and other devices with fiber ports.It supports WEB management and SNMP management ,support super network high definition video frequency transmission ability Streamlined network structure, support dual power supply hot backup, applies to security system, electric system, traffic system requirements.



## FEATURE

- Support 16 100/1000M SFP (or SFP-1000BaseT RJ45 ) access and 4 Gigabit Combo port (100M/1000M SFP optional, or 10/100/1000M RJ45 port)
- Support the SFP hot plug
- Support full rate, full-duplex non-blocking forwarding at each port
- Support WEB ,and SNMP management (optional):VLAN,STP/RSTP,Trunk port aggregation, IGMP,port Mirroring,port isolation,broadcast control,loop detection,QinQ, etc
- Support DHCP,PPPoE,ACL,LLDP
- Support 16K MAC learning, 12Mbit storage and forward cache space,128G back plane bandwidth,10KByte Large frame forwarding
- Replace the remote end fiber media converter ,streamline the network structure, reduce the total cost of network systems, reduce equipment failure.
- All optic ports, strengthen the an-interference ability
- Support the AC dual redundant power supply hot backup and DC12V/5A spare battery power
- Standard 1U rack ,internal double cooling fan,better for heat dissipation,work stable .

## SPECIFICATIONS

Parameter	Specification
Port	16 Gigabit SFP fiber ports: 1000Mbps,1000M SFP / SFP-1000BaseT 4 Gigabit Combo port:: 1 Gbps, 100M/1000M SFP&10/100/1000M RJ45 1 Console management port 1 USB console port
MAC	16K
Buffer memory space	12Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	AC 110-230V
Power consumption	24W
Working temperature	-10~60°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	44mm (H)×440mm(W)×210mm (D)

## SPECIFICATIONS

Parameter	Specification
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.1d Spanning Tree Protocol, IEEE802.1w Rapid STP, IEEE802.1s Multiple STP, IEEE802.1q Vlan, IEEE802.1q Qos, IEEE802.3ad Trunk, IEEE802.3X Flow Control
Wavelength	SFP: 850nm/1310nm/1490nm/1550nm
Distance	100M SFP Multi-mode: 2km (fiber size 62.5/125µm or 50/125µm) Single-mode: 20/40/60/80/100/120Km Single-fiber single-mode: 25/40/60/80/100/120Km 1000M SFP Multi-mode: 220m (fiber size 62.5/125µm)/550m (fiber size 50/125µm) Single-mode: 10/20/40/60/80/100/120Km Single-fiber single-mode: 10/20/40/60/80/100/120Km CAT5: 100m

## ORDER INFORMATION

PRODUCT	PART NUMBER
Fiber Optic Switch 16x1G L2 Managed Fiber Switch	SW-FGM-16SFP-L2