

Overview

10Gigabit Lite Managed Fiber Switch supports 8 x 10G Base-X SFP+ ports. The device is fanless design with advanced QoS prioritize critical business traffic such as video conferencing, offering a lag-free network experience. It can be used as a core, distribution or access layer switch, with high port density, easy to manage, it is an ideal choice for small and medium

OPL-SWM2L-10G0008-S

Managed Smart Web Switch 8Port 10Gigabit SFP+



business networks.

Features

- Support QoS, ACL, IGMP Snooping v1/v2/v3
- Switching capacity 80Gbps, all ports non-blocking 10G line speed forwarding
- Auto-adaptive 1G/2.5G/10G optical fiber module, wider rate range
- Support standard SFP optical module, no encryption, such as multi mode, single mode, SFP to RJ45 Modules (Default No include SFP module)
- Fetures with 4KV lightning protection funciton

Specifications

Model	OPL-SWM2L-10G0008-S
Fixed Port	8*100/1000/2500/10000M SFP
Reset Key	1
CPU	MIPS-34Kc dual-core 800MHz
DDR	1G DDR3

FLASH	128MBytes
RAM	128MBytes
Bandwidth	80Gbps
Packet Forwarding	119.04Mpps
MAC	16K
Buffer	12Mbit SRAM Packet Buffer
Jumbo Frame	Jumbo frame up to 12KB
VLAN Address	4K
Link Aggregation	Supports 128 trunk groups with up to 8 members per group
Routing	IPV4 supports 6K; IPV6 supports 2K;
QoS Queue	8
Transmission Distance	10BASE-T: Cat3,4,5 UTP(\leq 250 meter) 100BASE-TX: Cat5 or later UTP(150 meter) 1000BASE-TX: Cat6 or later UTP(150 meter) SFP: 100M/1G/10G single-mode multi-mode optical module, the maximum distance is \leq 120km (depending on the optical module)
LED Indicator	PWR: Power LED; SYS: System LED 1-8: 10/100/1000 /2500M /10000M Network connection indicator
Power	External: DC12V 2A (AC: 100-240Vac 50/60Hz 0.3A max 24W)
Operating Temp./Humidity	-10~+55° C; 5%~90% RH Non coagulation
Storage Temp./Humidity	-40~+75° C; 5%~95% RH Non coagulation
Product /Packing Size (L*W*H)	220mm*112mm*30mm; 265mm*220mm*68mm
N.W/G.W(kg)	0.7kg/1.2kg
Lightning Protection Level	6KV 8/20us; IP30
PoE Management	PoE protocol type configuration PoE port restart PoE log function configuration PoE port status, current, power and voltage display Support system information display Support port exception protection display
System State	Support port bandwidth usage display Support link aggregation display Support static/dynamic MAC address table display
Network Configuration	Support management IP address configuration Support system time configuration

Port	<ul style="list-style-type: none"> Support port status, rate and flow control configuration Support port mirroring Support port exception protection (BPDU/self ring, broadcast flooding, ACL, DHCP message speed limit, etc.) Support link 8 group aggregation Support IEEE configuration Support mega frame configuration Support port isolation configuration
VLAN	<ul style="list-style-type: none"> Support 4094 VLAN addresses Support 802.11Q VLAN, MTU VLAN, terminal VLAN
MAC	<ul style="list-style-type: none"> Support static MAC address table Support dynamic MAC address table Support MAC address transition table
Survival Tree Protocol	Support STP/RSTP/MSTP tree protocol
IGMP	<ul style="list-style-type: none"> Support IPv4/IPv6 multicast forwarding Support IPv4/IPv6 static routing Support IPv4 / IPv6 port restrictions IGMP snooping V1/ V2/V3 supported
Security	<ul style="list-style-type: none"> Support management VLAN Support management and maintenance mode selection
QOS	<ul style="list-style-type: none"> Supports 8 port queues Support port priority, cos priority, 802.1p priority and DSCP priority Support port speed limit and exit queue speed limit
Equipment Diagnosis	<ul style="list-style-type: none"> Support log function configuration Support remote log server configuration Support ping function Support traceroute test Support electrical port test Support optical module information diagnosis
Equipment Management	<ul style="list-style-type: none"> Support user configuration Support web/TFTP/HTTP firmware upgrade Support profile import and export

Ordering Information

P/N	Description
OPL-SWM2L-10G0008-S	Managed Smart Web Switch 8Port 10Gigabit SFP+