

16 100/1000Mbase-X SFP + 8G Combo + 4 SFP+ 10G L3 Management Gigabit Fiber Switch

Features

- ▶ Support for 802.1x authentication, and to provide users with access to authentication
- ▶ Support the function of port mirroring, port gathering, port speed limit
- ▶ Support the port-based VLAN and IEEE802.1Q based on VLAN
- ▶ Storm suppression: can be set with the Broadcast, multicast, DLF traffic
- ▶ Spanning Tree: Support the standard of IEEE 802.1d and IEEE 802.1w (Rapid Spanning Tree Protocol) and IEEE802.1s (Multiple Spanning Tree Protocol)
- ▶ IPV4/IPV6 dual-stack management, Layer3 routing and forwarding
- ▶ Supports Web management/Telnet/SNMP v1/v2V/V3



Overview

The Layer 3 Management fiber network switch provides and 16 1000M SFP optical ports, 8x1000M Combo ports. And 4 10G SFP+ ports. With 1Gbps uplink, it can handle extremely large amounts of data in a secure topology linking to backbone or high capacity servers.

It greatly simplifies the tasks of upgrading the industrial LAN for catering to increasing bandwidth demands. This fiber switch enables the administrator to conveniently boost network efficiency by configuring Layer 3 IPV4/IPV6 VLAN static routing manually, and the IPV4 OSPFv2 settings automatically. With the built-in web-based management interface.

Users can set all kinds of functions of the switch through the Ethernet port in WEB. Built-in ARP and DOS defense system can effectively defend the ARP, DOS and various virus attack, moreover, It is also equipped with many powerful features: a comprehensive QoS, spanning tree, a storm suppression, Bandwidth Control, IGMP Snooping, ACL access control, DHCP snooping etc. Very suitable for small and medium-sized enterprises, campus network, and the metropolitan area network aggregation applications.

Technical Indexes

Product Type	Management fiber network switch
Support agreement	IEEE802.3, IEEE802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE802.1q, IEEE802.1p, IEEE802.1z, IEEE802.1d, IEEE802.1s, IEEE802.1w, IEEE802.1ax, IEEE802.1ak
Maximum frame length	10K
Ports	16 1000M SFP optical ports and 8 10/100/1000M Combo ports + 4 SFP+ Ports
Network Media	1000Base-LX: using long wavelength laser (1310nm) over multimode and single mode fiber, multimode fiber the maximum distance is 550m, single mode 10-24km.
	1000Base-SX: 62.5μm multimode fiber the maximum transmission distance of 275m, 50μm multimode fiber using the maximum transmission distance of 550 meters.
	10Base-T: 3 classes or more than 3 kinds UTP; (maximum transmission distance of 200m), 14880P / S
	100Base-TX: 5 Category UTP; (maximum transmission distance of 100m), 148800P / S
	1000Base-T: CAT-5E UTP or Category 6 UTP; (maximum transmission distance of 100m), 1488000P / S
Work Mode	Store and Forward
Packet forwarding rate	95.232Mbps
Buffer memory	12M
Ram	DDR3 1G
MAC address table	32K
Backplane bandwidth	256Gbit
Filtering and forwarding rate	10Mbps:14880pps
	100Mbps:148800pps
	1000Mbps:1488000pps
Dimensions	440x290x44.4mm(19-inch 1U standard chassis)
Use of the environment	Operating Temperature: -10℃~55℃;
	Humidity 10% ~ 90% non-condensing
	Storage temperature: -30℃~75℃;
	Storage Humidity 5% ~ 90% non-condensing
Power	Input :100-250VAC ,50-60HZ
Power consumption	Power consumption: <30W
Network management	SNMP v1/v2/v3 Telnet WEB interface Support for cluster management Support SSH Support for PDP (compatible with Cisco CDP.) To support the fan, temperature, system log, hierarchical alarm