

# 10Gigabit Ethernet Switch

10/100/1000Mbps TP 4Port(Combo) + 1G SFP 16Slot + 2.5G SFP 8Slot + 10Gbps SFP 4Slot



SFC4100AB

- 1Gbps TP 4Port(Combo) + 1G SFP 16Slot + 2.5G SFP 8Slot + 10Gbps SFP+ 4Slot
- Web Managed, Console, Telnet, SSH, SNMP, RMON, Syslog
- Support Scan Manager Program
- STP(IEEE 802.1D) / RSTP(IEEE802.1w) /MSTP(IEEE802.1s)
- Port VLAN & VLAN Tagging(IEEE802.1Q)
- S-Ring(Failover, Restoration 30ms), Dual-Ring, Max. 4 S-Rings
- Carrier Ethernet (G.8032 ERPS)
- IP Multicast support (IGMP/MLD)
- Priority Queue Support (8 Queue per port)

## Specifications

<b>Technology</b>	-Standard	IEEE 802.3/3u/3ab/3z/ae 10Base-T / 100Base-TX and 100Base-FX / 1000Base-T / Gigabit & 10G Fiber IEEE 802.1D/w/s Spanning Tree / Rapid Spanning Tree / Multiple Spanning Tree Protocol IEEE 802.1Q VLAN Tagging, IEEE 802.3ad LACP ITU-T G.8032 Ethernet Ring Protection Switching
<b>Interface</b>	- RJ45 Port	10/100/1000Mbps TP 4Port(Combo), Auto MDI/MDI-X, TP/STP Cat. 3, 4, 5, 6 Cable EIA/TIA-568 100-ohm(100m)
	- Fiber Port	100M/1000Mbps SFP 16 Slots,100M/1G/2.5Gbps SFP 8 Slots, 1G/10G SFP+ 4 Slots Multi mode: 50/125 $\mu$ m, 62.5/125 $\mu$ m, Single mode: 9/125 $\mu$ m
	- LED Display	Per unit: Power, TP Port: Link/Activity (1000Mbps Green), Link/Activity (10/100Mbps Yellow) SFP 1~16: 1Gbps Link/Activity (Green), 100Mbps Link/Activity(Yellow) SFP 17~24: 2.5Gbps Link/Activity (Green), 100M/1000Mbps Link/Activity(Yellow) SFP+ 25~28: 10Gbps Link/Activity (Green), 100M/1000Mbps Link/Activity(Yellow)
	- Console	RJ45 port (RS232 signal)
<b>Performance</b>	- Backplane	Switching Fabric 152Gbps, Throughput 113Mpps, Jumbo Frame 10Kbytes
	- MAC Table	32K
<b>Operating Environment</b>	- Temperature	Operation: 0°C ~ 60°C, Storage: -40°C ~ 85°C
	- Humidity	5 ~ 95% (Non-condensing)
<b>Power</b>	- Input	AC 100V~240V Power Consumption: Min. AC 20.4W, Max. AC 46.9W
<b>Dimension</b>	- WDXH	440mm(W) x 225mm(D) x 44mm(H)

## Ordering Information

MODEL	Description
SFC4100AB	10/100/1000Mbps TP 4Port(Combo) + 1G SFP 16Slot + 2.5G SFP 8Slot + 10Gbps SFP 4Slot
SFP-SX	SFP(1.25Gbps) module, LC connector, multi-mode, transmission distance 220/550m, 850nm
SFP-LX	SFP(1.25Gbps) module, LC connector, single-mode, transmission distance 20km, 1310nm
SFP-LX20(2.5Gb/s)	SFP(2.5Gbps) module, single-mode, transmission distance 20Km, 1310nm, LC connector
SFP-10G-SR	SFP(10.31Gbps) module, multi-mode, transmission distance 300m, 850nm, LC connector
SFP+10G-LR	SFP(10.31Gbps) module, single-mode, transmission distance 10Km, 1310nm, LC connector