

# 10G Industrial Ethernet Switch

10/100/1000Mbps TP 8Ports + 100M/1G/10Gbps SFP 4Slots + BYPASS 2x2



SFC8100-BP\_2x2

- 10/100/1000Mbps TP 8Ports+100M/1G/10Gbps SFP+ 4Slots
- Fiber BYPASS LC type 2 X 2
- Web Management, Console, Telnet, SSH, SNMP, RMON, Syslog
- Supports Scan Manager Program
- STP(IEEE 802.1D) / RSTP(IEEE802.1w) /MSTP(IEEE802.1s)
- Port VLAN & VLAN Tagging(IEEE802.1Q)
- S-Ring(Recovery 30ms), Dual-Ring
- Carrier Ethernet (G.8032 ERPS)
- IP Multicast support (IGMP/MLD)
- Priority Queue Support (8 Queue per port)

## Specification

Technology	-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
Interface	- RJ45 Ports	10/100/1000Mbps TP 8Ports, Auto MDI/MDI-X, TP/STP Cat. 3, 4, 5, 6 Cable EIA/TIA-568 100-ohm(100m)
	- Optical Ports	100M/1000Mbps SFP or 10G SFP+ 4 Slots Multi mode: 50/125 $\mu$ m, 62.5/125 $\mu$ m, Single mode: 9/125 $\mu$ m
	- LED	Per unit: Power, Power Input 1, Power Input2, Fault/Alarm, Ring Master TP Port: Link/Activity (1000Mbps Green), Link/Activity (10/100Mbps Yellow), Mini-GBIC: 10Gbps Link/Activity (Green), 100M/1000Mbps Link/Activity(Yellow)
	- Digital I/O	1 Input, 1 Output
	- BYPASS	LC Type 2x2
Performance	- Backplane	Switching Fabric 96Gbps, Throughput 71.4Mpps
	- MAC Table	32K
Operating Environment	- Temperature	Operation: -40°C ~ 80°C, Storage: -40°C ~ 85°C
	- Humidity	5 ~ 95% (Non-condensing)
Input Voltage	- Input Power	DC 36V~56V, Dual Power Supply, Polarity Protection Power: Min 13.9W(55V@0.25A), Max 25.1W(55V@0.46A)
Dimension	- Dimension	74mm(W) x 130mm(D) x 166.5mm(H)

## Ordering Information

Model Type	Specification
SFC8100-BP_2x2	10/100/1000Mbps TP 8Ports + 100M/1G/10G SFP + 4Slots + BYPASS 2x2
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-LXH	SFP(1.25Gbps) Module, Single Mode, Transmission Distance 10Km, 1310nm, LC Connector, -40°C~80°C
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