

# 2.5Gigabit Industrial Optical Ring Switch

10/100/1000Mbps TP 8-Ports (PoE 802.3at PoE) + 100/1000/2.5Gbps SFP 2-Slots



- 10/100/1000Mbps TP 8-Ports (802.3at PoE) + 100/1000/2.5Gbps SFP 2-Slots
- Web based Management, Telnet, SSH, SNMP, RMON, Syslog
- Auto Scan Manager Program (Scan, IP Setting)
- STP (IEEE 802.1D) / RSTP (IEEE802.1w) /MSTP (IEEE802.1Q)
- S-Ring(Recovery time < 10ms), Dual-Ring
- Carrier Ethernet (ERPS)
- PMC support (IGMP/MLD)
- Priority Queue Support (8 Queue per port)

SFC8000HP

## Specifications

Technology	Standard	IEEE 802.3/3u/3ab/3z 10Base-T / 100base-Tx and 100Base-Fx / 1000base-T / Gigabit Fiber IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.1Q VLAN Tagging IEEE 802.3ad LACP
Interface	RJ45 Port	10/100/1000Mbps TP 8-Ports, Auto MDI/MDI-X, TP/STP Cat. 3, 4, 5, 6 Cable EIA/TIA-568 100-ohm(100m)
	Optical Port	100/1000/2.5 Gbps SFP Slot Multi mode : 50/125 $\mu$ m, 62.5/125 $\mu$ m, Single mode : 9/125 $\mu$ m
	LED Indicators	Per unit : Power, Power Input1, Power Input2, Fault/Alarm, Ring Master 1000Mbps TP port : Speed(Y 1000Mbps, Yellow), Link/Activity(Green), Mini-GBIC : Link/Activity(Green)
	Input/Output	2 Input, 2 Output
Performance	Back Plane	Switch Fabric 26Gbps
	MAC Address	8K MAC Address table
Operating Environment	Temperature	Operation: -40°C ~ 80°C, Storage: -40°C ~ 85°C, PoE full load : 40°C ~ 50°C
	Humidity	5 ~ 95% (Non-condensing)
Input Voltage	Power Supply	DC 54V, Polarity protection Circuit
	Connection	2 removable 2contact terminal blocks
	PoE	Max. PoE Output Power budget: 30W/Per port 240W for total PD's consumption(depending on power input)
Dimension	Installation Method	DIN-Rail, Panel mounting
		61mm(W) x 110mm(D) x 157mm(H), Aluminum Case, IP30

## Ordering Information

Model Type	Description
SFC8000HP	10/100/1000Mbps TP 8-Ports (802.3at PoE) + 100/1000/2.5Gbps SFP 2-Slots
SFP-SX	SFP(1.25Gbps) module, Multi-mode, Transmission Distance 220/550m, 850nm, LC Connector
SFP-LX	SFP(1.25Gbps) module, Single-mode, Transmission Distance 20km, 1310nm, LC Connector
SFP-LXH	SFP(1.25Gbps)module, Single-mode, Transmission Distance 10km, 1310nm, LC Connector, -40°C~80°C