

# Managed Industrial PoE 2.5Gigabit Ethernet Switch

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



**SFC8000HP**

- Gigabit S-Ring(Recovery Time < 50ms)
- I/O interface 2 Input, 2 Output
- Temperature sensing & I/O control
- Web Based management, Telnet, SSH, SNMP, RMON, Syslog
- S-Ring, Dual-Ring
- Class of Service, Quality of Service, ID Tagged VLAN
- STP(IEEE 802.1D) / RSTP(IEEE 802.1w) / MSTP(IEEE 802.1Q)
- Auto Scan Manager Program(Scan, IP Setting)
- ARP Inspection, DHCP Snooping, IP Source Guard support
- 802.1Q Tag VLAN support
- IPMC support(IGMP/MLD)
- DHCP Client
- Priority Queue Support(8 Queue per port)
- Carrier Ethernet(ERPS)
- IEEE 802.3x flow control support

## Specifications

|                    |                    |   |
|--------------------|--------------------|---|
| Technology         | - Standard         | IEEE 802.3/3u/3ab/3z 10Base-T / 100Base-TX and 100Base-FX / 1000Base-T / Gigabit Fiber<br>IEEE 802.1w Rapid Spanning Tree Protocol<br>IEEE 802.1Q VLAN Tagging<br>IEEE 802.3ad LACP |
| Interface          | - RJ45 Ports       | 8-Ports 10/100/1000Mbps TP, Auto MDI/MDI-X<br>TP/STP Cat. 3, 4, 5, 6 Cable EIA/TIA-568 100-ohm(100m)  |
|                    | - Fiber Ports      | 100/1000/2.5Gbps SFP Slot<br>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<br>1000Mbps TP Port: Speed(1000Mbps Yellow), Link/Activity(Green),<br>Mini-GBIC: Link/Activity(Green)         |
|                    | - Input/Output     | 2 Input, 2 Output   |
| Performance        | - Back Plane       | Switching Fabric 26Gbps   |
|                    | - MAC Address      | 8K MAC Address table  |
| Environmental      | - Temperature      | Operation: -40°C ~ 70°C, Store: -40°C ~ 85°C, PoE Full Load: -40°C ~ 50°C   |
|                    | - Humidity         | 5% ~ 95% (Non-condensing)   |
| Power requirements | - Input Voltage    | DC 54V, redundant dual inputs   |
|                    | - Connection       | 2 removable 2- contact terminal blocks  |
|                    | - PoE Power Budget | Maximum PoE Output Power budget: 30W/Per port<br>240W for total PD's consumption(depending on power input)  |
| Mechanical         | - Installation     | DIN-Rail, Panel mounting  |
|                    | - Dimensions       | 61mm(W) x 110mm(D) x 157mm(H), Aluminum Case, IP30, 992g  |

| Model Name | Description  |
|------------|--|
| SFC8000HP  | 8-Ports 10/100/1000Mbps TP(802.3at PoE) + 2-SFP Slots 100/1000/2.5Gbps                   |
| SFC8000UHP | 8-Ports 10/100/1000Mbps TP(4-Ports 802.3bt 60W Ultra PoE) + 2-SFP Slots 100/1000/2.5Gbps |
| SFP-SX     | SFP(1.25Gbps) Module, Multi-mode, 220/550m, 850nm, LC Type                               |
| SFP-LX     | SFP(1.25Gbps) Module, Single-mode, 20Km, 1310nm, LC Type                                 |
| SFP-LXH    | SFP(1.25Gbps) Module, Industrial Single-mode, 10Km, 1310nm, LC Type                      |