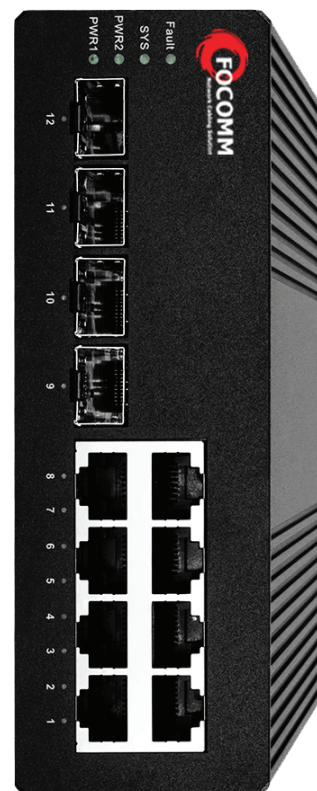## PRODUCT DESCRIPTION

IPS-M8GT-4SFP is a full Gigabit managed industrial PoE switch equipped with 8 10/100/1000M PoE ports and 4 10/100/1000M SFP fiber ports. Ports 1-8 can support IEEE 802.3af/at standard PoE power supply with a total power of 250 W. The **IPS-M8GT-4SFP** managed model supports various network redundancy protocols STP/RSTP/MSTP.

When the one-way network fails, communication can be quickly restored to ensure uninterrupted communication of important applications. According to the actual application requirements, application service configuration for network management, POE power supply management, port traffic control, VLAN division, STP, RSTP and other functions are performed via Web, CLI and SNMP. As a PoE-powered device, it can automatically detect and identify standard-compliant electrical devices and supply power through the cable. It can power PoE terminal devices such as wireless APs, network cameras, network phones, industrial sensors, etc. to meet the needs of high-density PoE-powered network environments. It is suitable for intelligent transportation, rail transportation, electric power industry, mining, metallurgy and green energy construction.

FEATURE

- Provide 8 10/100/1000Mbps RJ45 ports, 4 SFP fiber ports.

- IEEE 802.3, 802.3i, 802.3u, 802.3x, 802.3z, 802.3ab, 802.3af, 802.3at.

- 8 PoE ports support 802.3af/at, per PoE power port up to 30W Poe budget.

- Supports cable detection, Ping detection, and Tracert detection operations to easily analyze faulty network nodes.

- Support LLDP, convenient for network management system to query and judge the communication status of the link.

- Supports CPU monitoring, memory monitoring, Ping detection, Tracert detection, and cable detection.

- Support static aggregation and dynamic aggregation, effectively increase link bandwidth, realize load balancing, link backup, and improve link reliability.

APPLICATIONS

pecifically Designed for Industrial Environments Widely used to build a cost-effective, stable and reliable communication network for a veriety of industrial scenarios.

- Energy

- Transsportation

- Shipping

- Oil

- Mining

- Metallurgy

TECHNICAL SPECIFICATION

Power Supply	48 VDC (44~ 57 VDC)/ 3A(MAX)
Standards	IEEE 802.3, 802.3i, 802.3u, 802.3x, 802.3z, 802.3ab, 802.3af, 802.3at
Ports	8×10/100/1000Mbps RJ45+4×SFP
Indicators	Speed 1000M (green), network Indicators: Link (yellow), SFP Indicators: L/A (green)
Ethernet Port Feature	10/100/1000BaseT (X) automatic detection, full / half duplex MDI/MDI-X adaptive
SFP Port Characteristic	Gigabit SFP fiber interfaces, default matching optical modules, need to buy separately, (optional order mode / multi-mode, single fiber / double fiber optical modules).
Forwarding Mode	Store and Forward(Full Wire Speed)
Dimensions	149.2*122*50mm
PoE port	8 802.3at/af standard POE
Max / Average Power Port	30W per port
Power Consumption	Standby:<10W(NOT PoE);Full load:<250W(with PoE)
MAC Address Table	8K
Switching Capacity	24Gbps
Packet Forwarding Rate	17.856Mpps
Packet Buffer	4Mbit
Net /Gross Weight	0.85±0.05kg / 0.95±0.05kg
System Configuration	Web browser
Environment	Operating Temperature: -40°C — 75°C (-40°F~167°F)
	Storage Temperature:-40°C — 85°C (-40°F ~185°F)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing
Warranty	3 years , lifelong maintenance

ORDER INFOMATION

PRODUCT	PART NUMBER
Industrial Gigabit L2+ managed POE switch, 8 10/100/1000Mbps RJ45 ports, 4xGigabit SFP	IPS-M8GT-4SFP