MISCOM7210GP-2GF-8GTPOE

10-port Full Gigabit Layer 2 Managed DIN RAIL Industrial Ethernet PoE Switch

- It provides 2 Gigabit SFP and 8 Gigabit RJ45 PoE+ ports;
- 8 10/100/1000Base-T adaptive Ethernet interfaces for automatic MDI/MDI-X connectivity;
- Gigabit SFP port supports hot-swappable LC optical fiber interface module and RJ45 electrical interface module.
- The maximum power of a single PoE+ ports can be changed, and port output is preferred.
- Fast loop network redundancy (MW-Ring) of less than 20ms enhances the reliability of system communication.
- Adopt high strength closed aluminum shell, IP40 protection grade, no fan shell fan heat, durable, stable and reliable;
- -40℃~75℃ working temperature, meet the requirements of harsh industrial environment application.

CE FC RoHS MW-RING IP40

Product Introduction

MISCOM7210GP series supports 2 Gigabit SFP ports and a maximum of 8 Gigabit PoE+ ports. MisCOM7210GP series is suitable for and supplies power to compatible PDS that comply with the 802.3af/at standard. It adopts the store-and-forward mechanism and has powerful bandwidth processing capabilities. The product selects industrial-grade components, cooperates with high-standard system design and production control, DIN rail-type aluminum alloy shell, durable, fanless and efficient heat dissipation, -40°C~75°C wide temperature operation, high-standard industrial protection design, which can adapt to a variety of harsh working environment, stable communication performance.

Product Features

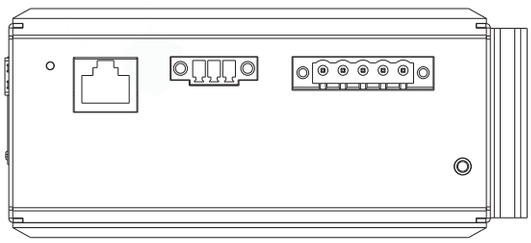
- Support 2-way Gigabit SFP interfaces, Gigabit SFP interface can support hot-swappable LC optical fiber interface module and RJ45 electrical port module;
- Support 8-way 10/100/1000Base-T RJ45 interface, providing users with flexible networking methods;
- It can provide up to 8 POE+ electrical ports, support the maximum power modification of a single port, and port output priority;
- The fast ring network redundancy technology of less than 20ms enhances the reliability of system communication;
- Support VLAN based on IEEE802.1Q;
- MAC address table supports 8K;
- Support perfect QoS policy and multiple queue scheduling algorithms; support access to switches through WEB;
- Support broadcast, multicast, unknown unicast storm suppression; support full-duplex and half-duplex mode flow control;
- Reliability: MTBF≥300000 hours;
- Based on WEB online upgrade, it is convenient for users to manage and update equipment;
- With graphical network configuration and management and maintenance functions, it can remotely monitor the operating status and performance of the network, and provide network fault monitoring, diagnosis, location and alarm capabilities;
- Meet the requirements of trouble-free operation under strong electromagnetic interference environment.

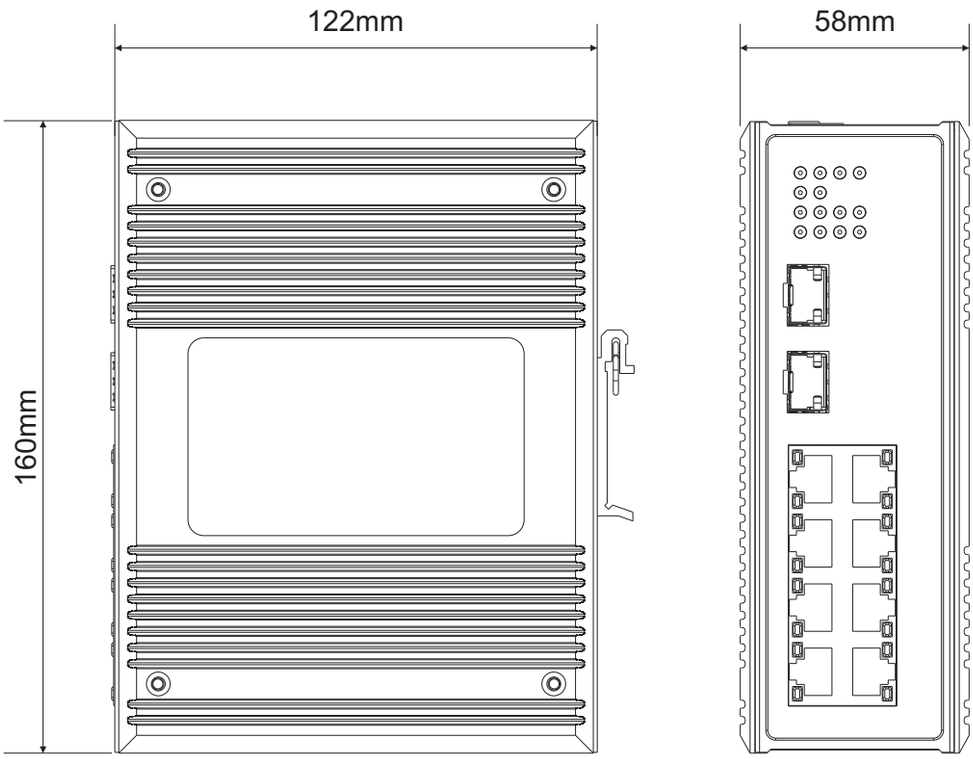
Technical Specifications

Parameters	
IEEE standard	802.3, 802.3u, 802.3z, 802.3x, 802.1P, 802.3ab, 802.3af/at
Exchange	Support VLAN, GVRP
	Support port speed limit, support storm suppression
	Support port trunking
	Support port flow control
Redundancy	Support MW-Ring ring network technology
	Support EAPS, MSTP/RSTP
Multicast	Support IGMPv1/v2, IGMP Snooping
	Support GMRP
	Support static multicast

Management	Support CLE, WEB management
	Support SNMPv1/v2c
	Support unified upper computer software management
Switching method	Store and forward
Bandwidth	20Gbps
Packet forwarding rate	4.1Mbit
Gigabit port	8 10/100/1000Base-T + 2 1000Base-LX interfaces
Electrical	Physical interface: RJ45 with shield, IEEE802.3 standard
	RJ45 port: 10/100/1000Base-T (Gigabit) supports auto-negotiation function
	The max. power consumption of PoE single port is 30W (it is recommended the max. power setting of PoE be same with the external power supply)
Fiber	Luminous power: >-12dBm (single-mode) >-17dBm (multi-mode)
	Light receiving sensitivity: <-38dBm (single-mode) <-35dBm (multi-mode)
	Wavelength: 1310nm (SM) 1550nm (SM) 850 nm (MM) 1310 nm (MM)
	Transmission distance: Multimode fiber 850nm, 2km; 1310 nm, 2/5km Single mode fiber 1310nm, 20/40/60km; 1550nm, 20/40/60/80/120km
	Connector Type: LC
	Transmission rate: 1.25Gbps (gigabit)
Power	Input voltage: DC48-52V, support dual power supply redundancy
	Input power consumption: <8W@48VDC (full load)
	Overcurrent protection: built-in
Mechanical	Size (width x height x depth): 160mm x 58mm x 122mm
	Installation method: standard DIN rail type
	Heat dissipation: aluminum alloy single-rib chassis surface, no fan
	Case protection: IP40
Working environment	Working temperature: -40℃~+75℃
	Storage temperature: -40℃~+85℃
	Humidity: 5%~95% (no condensation)
EMC	IEC61000-4-2(ESD), Level3
	IEC61000-4-5(Surge), Level3
	IEC61000-4-4(EFT), Level4

Installation Size





Ordering Information

Model	Gigabit SFP port	Gigabit RJ45 port	Power
MISCOM7210GP-2GF-8GTPOE	2	8(POE)	DC48~52V