CISCOM7210GP-2GF-8GTPoE

10-Port Layer 2 Gigabit Managed PoE DIN Rail Industrial Ethernet Switch

- Support 2 Gigabit SFP ports, 8 Gigabit PoE copper ports
- Compliant with IEEE802.3at standard, compatible with IEEE802.3af, maximum output power of single port PoE is 30W, and maximum output power of whole PoE is 240W
- Support ring network redundancy protocols such as MW-Ring v1/v2, ERPS, STP/RSTP
- Fast Ring Redundancy (MW-Ring) <20ms Support dual DC48~52V power input, dual power redundancy and anti reverse connection
- High strength aluminum alloy shell, IP40 protection, fanless design
- -40 ℃~+75 ℃ working temperature

Product Description

CISCOM7210GP-2GF-8GTPoE layer 2 Gigabit managed din-rail mount PoE industrial Ethernet switch supports 2 Gigabit SFP ports and 8 Gigabit PoE copper ports. It is applicable and supplying power to power receiving devices (PD) that comply with the IEEE802.3af/at standard. It adopts the storage and forwarding mechanism and has strong bandwidth processing capabilities, automatically troubleshooting data packet errors, reducing transmission failures, and easily supporting Gigabit networking to ensure stable, reliable, and efficient data transmission. This product uses industrial grade components, combined with high standard system design and production control.

CISCOM7210GP-2GF-8GTPoE supports WEB network management function and various network protocols, such as PoE, MW-Ringv1/v2, ERPS, STP/RSTP, VLAN, LACP, LLDP, SNMPv1/v2c/v3, RMON, QoS, 802.1X, IGMP Snooping, ACL, WEB/TELNET/SSH Access Control, static convergence, port mirroring, static MAC address binding, network diagnosis, loop detection, Email log, alarm, SNTP, system log, and online system upgrade, etc, to improve network performance, reliability, and security to meet the needs of various complex networks. This product meets the requirements of complex networks and harsh industrial environments through strict testing of functions, high and low temperatures, safety regulations and EMC.

Product Features

- Support broadcast, unknown multicast and unknown single broadcast text rate limit, broadcast and multicast data packet storm detection, prevent broadcast storm
- Support link static aggregation and dynamic aggregation LACP, which can increase transmission bandwidth, improve link reliability
- Support port mirroring and collects data from port entrances and exits for network detection and fault management
- Support 802.1Q VLAN, provide Access, Trunk, Hybrid interface easy to divide multiple broadcast domain, enhance the security of the network
- Support IGMP Snooping, establish a layer 2 multicast forwarding table, reduce multicast data broadcasting in the network, and save network resources
- Support LLDP link layer discovery protocol, obtain LLDP neighbor device information, conduct link status monitoring, facilitate topology management and fault location
- Support ERPS Ethernet multi-ring protection technology, provide multi-ring networking, link backup, achieve fast convergence, improve network stability
- Support RSTP generation tree protocol, compatible with STP protocol, can eliminate network loop, improve network reliability
- Support WEB control, HTTP, HTTPS protocol access control, login IP address restrictions
- Support centralized management of SNMPv1/v2c/v3 and SNMPv1/v2c/v3 TRAP information, and support the State Grid standard and private TRAP
- Support RMON remote network monitoring, make statistics and alarm of various types of data frames, and can be used for remote monitoring and management of network management system
- Support QoS service quality, give priority to voice, video and important data in network devices, and solve network congestion
- Support ACL access control list, multiple frame type filtering rules can be customized to filter or rate limit specified messages
- Support 802.1X port authentication, authenticates the access users, and provides local and RADIUS login authentication
- Support alarm function, including dual power loss, network storm, port disconnection
- Support loop back detection to prevent the network from ring and causing the network storm
- Support PoE Ethernet power supply, customizable port power priority, and supply power to standard PD devices through Ethernet cables, saving power wiring costs
- Support system log information recording, downloading, and classification, which can be output to web pages, log hosts and consoles for display

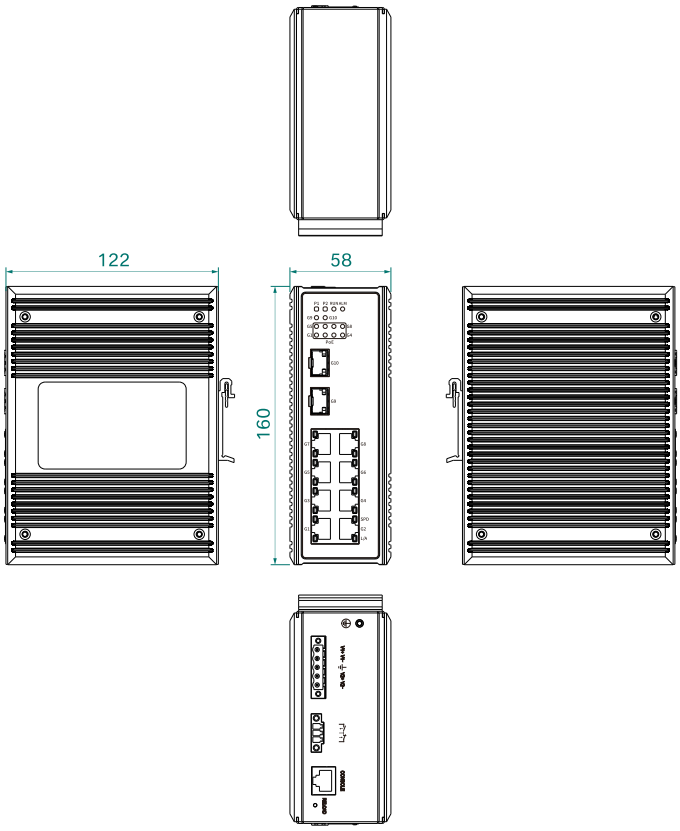
Technical Specifications

Software	
Switching	Support port configuration, rate configuration, storm detection, port trunk, LACP, and port statistics Support 802.1Q VLAN, port isolation Support MAC address aging and static MAC address binding
Redundancy	Support MW-Ring v1/v2 private ring network technology Support ERPS Support RSTP and is compatible with STP
Multicast	Support IGMP Snooping Support static multicast MAC address binding
Security Management	Support for WEB, TELNET, and SSH access control Support ACL access control list and 802.1X port authentication Support ring circuit detection, alarm, Email log
Management and Maintenance	Support PoE management, maximum power, priority configuration Support QoS, SNMP v1/v2c/v3, SNMP v1/v2c/v3 TRAP, RMON, LLDP Support port mirror image, Ping Support user permission management, system logs, local/network time synchronization, daylight saving time Support online restart, factory reset, system upgrade, and configuration file upload/download
Switch capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	20G
Buffer Size	4.1Mbit
Mac Address Table	8K
Interface	
Gigabit Fiber Port	2x1000Base-X Gigabit SFP ports, compatible with 100Base-FX
Gigabit PoE Port	8x10/100/1000Base-T(X) auto-sensing RJ45 PoE ports with full/half duplex and auto MDI/MDI-X connection PoE/PoE+ complies with IEEE802.3af/at standard, with a maximum

	output power of 30W for a single port PoE pins: Pin 1, 2 are positive, Pin 3,6 are negative
Relay	1 relay alarm output, 3.81 mm pitch 3-pin terminal block
CONSOLE	1 CONSOLE port, RS232 signal RJ45 port, used for device debugging
Button	Factory reset
Status LED	Power LED, operation LED, alarm LED, port LED,PoE LED, port rate LED
Power	
Power Input	DC48~52V, dual power redundancy, anti reverse connection
Full Load Power	<8W@DC48V(No PoE device)
Connection	5.08mm pitch 5-pin terminal block
Physical Characteristics	
Dimensions	160×58×122mm (DIN rail mounting clip excluded)
Installations	35mm standard DIN-rail mounting
IP Code	IP40
Weight	About 0.64kg
Working Environment	
Operating Temperature	-40℃~+75℃
Storage Temperature	-40℃~+85℃
Relative Temperature	5%~95% (non-condensing)
Industry Standard	
EMC	IEC 61000-4-2 (ESD): Level 3 IEC 61000-4-5 (Surge): Level 3 IEC 61000-4-4 (EFT): Level 4
Certification	CE, FCC, RoHS

Dimensions

Unit: mm



Ordering Information

Standard Model	Gigabit Fiber Port	Gigabit PoE Port	Input Voltage
CISCOM7210GP-2GF-8GTPoE	2	8	Dual DC48~52V power input

Contact Us

COME-STAR COMMUNICATION(WUHAN) CO., LTD.

Address: Puneng Industrial Park, Fenghuang Garden 1st Road, East Lake High-Tech Development Zone, Wuhan, China.

Tel: +86-027-59257958

Mail: info@come-star.com

Official site: www.come-star.com