CISCOM7210G-2GF-8GT

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



- Support 2 × 1G SFP ports and 8 × 1G RJ45 copper ports
- MW-Ring (recovery time < 20 ms @ 200 switches), ERPS, STP/RSTP, MRP for network redundancy
- Support static routing, RIPv1/v2, OSPF dynamic routing protocols
- High-level EMS protection, reliable operation in complex electromagnetic environments
- AC85~264V/DC110~370V power input, or DC9~60V redundant power inputs
- High strength aluminum alloy shell, IP40-rated housing protection, fanless design
- -40 to 75°C operating temperature range

Product Description

CISCOM7210G-2GF-8GT is a 10-port Layer 2 Gigabit managed DIN rail industrial Ethernet switch with 2 × 1G SFP ports and 8 × 1G RJ45 ports. It adopts a store-and-forward mechanism, delivers high bandwidth performance, and automatically detects and corrects packet errors to reduce transmission faults, ensuring stable, reliable, and efficient gigabit networking. Built with industrial-grade components and a high-strength aluminum alloy housing, CISCOM7210G-2GF-8GT supports 35mm DIN-rail installation, operates from -40°C to +75°C, and offers IP40-rated protection for reliable operation in harsh environments. Its robust industrial protection design ensures reliable performance in harsh environments.

This Layer 2 switch supports WEB management and a variety of network protocols, including MW-Ring, ERPS, STP/RSTP, VLAN, LACP, LLDP, SNMP v1/v2c/v3, RMON, QoS, 802.1X, IGMP Snooping, ACL, WEB/TELNET/SSH access control, static link aggregation, port mirroring, static MAC address binding, network diagnostics, loopback detection, email logs, alarms, SNTP, system logs, and online system upgrades. These features enhance network performance, reliability, and security, meeting the needs of diverse and complex networking scenarios.

Tested for functionality, temperature, safety, and EMC compliance, this industrial-grade switch is suitable for deployment in demanding industrial environments and across applications such as energy, smart cities, rail transit, intelligent transportation, smart factories, and industrial automation.

Product Features

- MW-Ring, ERPS, STP/RSTP, and MRP ring redundancy protocols to enhance network reliability
- 802.1Q VLAN for multiple broadcast domains, improving security
- LACP link aggregation to increase bandwidth and provide link redundancy
- QoS for prioritized transmission to alleviate network congestion
- IGMP Snooping and GMRP to reduce multicast traffic broadcasting
- LLDP, SNMP, and RMON for topology, network, and remote management
- ACL, 802.1X, and TACACS+ for enhanced access control and network security
- Port loopback, port mirroring, Ping, DDM, and link diagnostics
- High-level EMS protection for stable operation in complex electromagnetic environments, resisting external interference

Technical Specifications

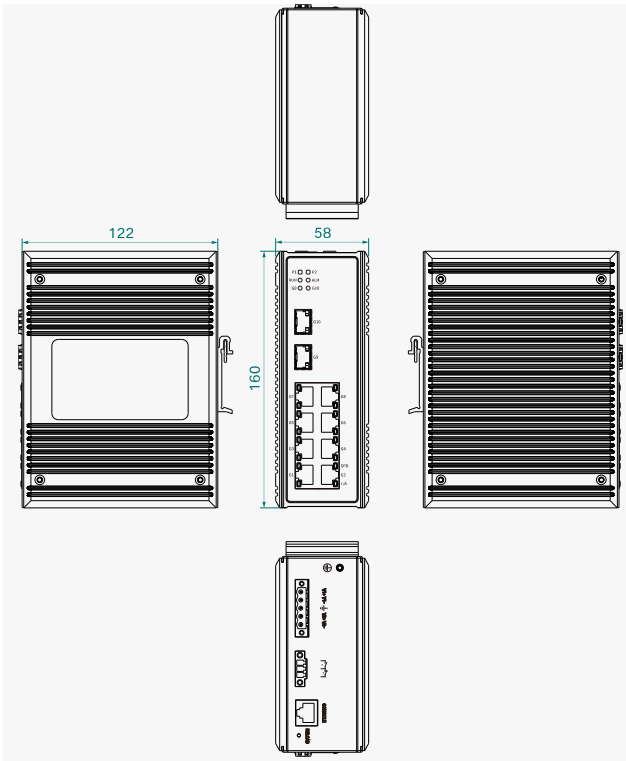
Protocol Standard	
IEEE	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1w, IEEE 802.1p, IEEE 802.1X, IEEE 802.1Q, IEEE 802.3ad, IEEE 802.1AB
Switch Capability	
Processing Type	Store-and-Forward
Backboard Bandwidth	20Gbps
Buffer Size	4.1Mbit
Jumbo Frame	10kByte
MAC Table Size	8K
Interface	
1G Fiber Port	2 x 1000 Base-X SFP ports, compatible with 100 Base-FX Recommended our SFP module to use together
1G Copper Port	8 x 10/100/1000 Base-T(X) auto-sensing RJ45 copper ports, full/half duplex, auto MDI /MDI-X
Relay	1 x relay alarm output, 3-pin 3.81 mm terminal block
Console	1× RJ45 CONSOLE port of RS232 signal for equipment debugging and command line configuration
Button	One-click factory reset
Indicator	Power indicator, operation indicator, alarm indicator, SFP interface indicator, port rate and connection/active status indicator
Power	
Input Voltage	DC Model: DC9~60V redundant power inputs, non-polarity AC Model: AC85~264V / DC110~370V

Power Consumption	≤7.8W @DC24V (DC), ≤7.9W @AC220V (AC)
Connection	5.08 mm terminal block
Physical Characteristics	
Dimensions	140×54×110 mm (DIN rail mounting clip and connectors excluded)
Installations	35 mm standard DIN-rail installation
IP Code	IP40
Weight	About 0.64 kg (DC), 0.73 kg (AC)
Working Environment	
Operating Temp	-40℃~+75℃
Storage Temp	-40℃~+85℃
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMC	IEC 61000-4-2 (ESD): Level 3 (contact discharge ±8kV, air discharge ±8kV) IEC 61000-4-5 (Surge): Level 4 (Power port: common mode ±4kV, differential mode ±2kV Ethernet port: common mode ±6kV, differential mode ±2kV) IEC 61000-4-4 (EFT): Level 4 (power port: ±4kV, Ethernet port: ±2kV)

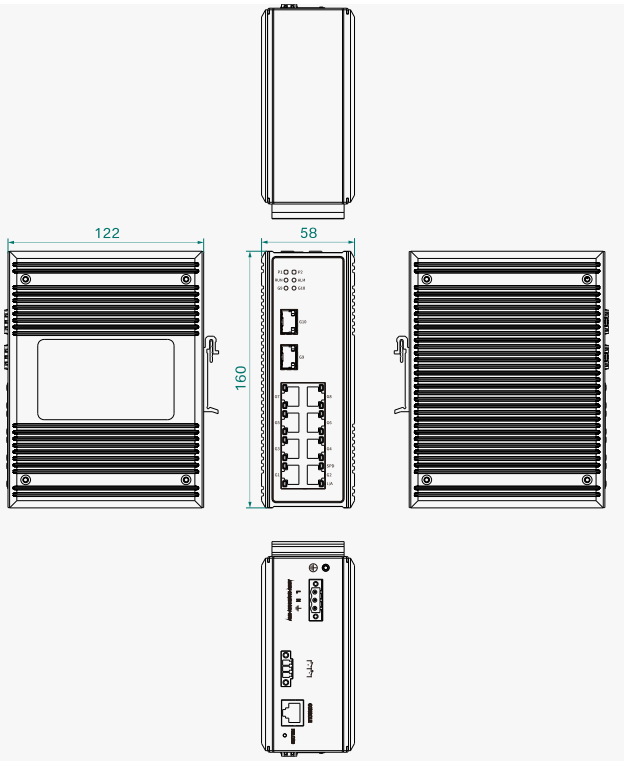
Dimensions

Unit: mm

CISCOM7210G-2GF-8GT



CISCOM7210G-2GF-8GT-AD220



Ordering Information

Standard Model	1G SFP Port	1G Copper Port	Input Voltage
CISCOM7210G-2GF-8GT	2	8	DC9~60V Redundant Power Inputs
CISCOM7210G-2GF-8GT-AD220	2	8	AC85~264V/DC110~370V 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: sales@come-star.com

Official site: www.come-star.com

Copyright © Come-Star All rights reserved