CISCOM7206G-2GF-4GT

6-Port Layer 2 Full Gigabit Managed DIN Rail Industrial Switch



- 2× 1G SFP ports, 4×10/100/1000Base-T(X) RJ45 ports
- MW-Ring (recovery time < 20 ms @ 200 switches), STP/RSTP for network redundancy
- Single AC85~264V/DC110370V power supply or dual DC 9~60V power inputs
- IP40 high-strength aluminum alloy shell and fanless design
- -40°C to +85°C operating temperature range

Product Description

CISCOM7206G-2GF-4GT is layer 2 Gigabit managed DIN rail industrial Ethernet switch. It supports 2×Gigabit SFP ports and 4×10/100/1000Base-T(X) ports, utilizing a store-and-forward mechanism with robust bandwidth processing capabilities. This switch automatically detects packet errors, reducing transmission failures, and effortlessly supports Gigabit networking, ensuring stable, reliable, and efficient data transmission. The product is built with industrial-grade components and adheres to high-quality system design and production controls. It features a standard 35mm DIN rail mount, high-strength aluminum alloy housing for durability, fanless heat dissipation, and operates in a wide temperature range from -40°C to +85°C. With its high-standard industrial protection design, it can adapt to various harsh working environments, delivering stable communication performance.

CISCOM7206G-2GF-4GT series supports WEB management functions and various network protocols such as MW-Ringgv1/v2, STP/RSTP, VLAN, QoS, static aggregation, port mirroring, static multicast MAC address binding, network diagnostics, relay alarms, and online system upgrades. These features enhance network performance, reliability, and security, meeting the demands of complex networks. The product undergoes rigorous testing, including functional, high and low-temperature, safety, and EMC tests, making it suitable for

complex network and harsh industrial environment applications. It can be widely applied in fields such as comprehensive energy, smart cities, rail transportation, intelligent traffic, smart factories, and industrial automation.

Product Features

- Support rate limiting for broadcast, multicast, and unknown unicast packets at both ingress and egress ports
- Support rate limiting for unknown unicast, unknown multicast, known multicast, and broadcast packets to suppress network storms
- Support QoS to prioritize voice, video, and critical data transmission on network devices, addressing network congestion
- Support 802.1Q VLAN, offering Access, Trunk, and Hybrid interfaces for easy segmentation of multiple broadcast domains, enhancing network security
- Support static multicast MAC address binding to reduce multicast broadcast in the network, saving network resources
- Support relay alarm methods, including port link status and ring network status alerts
- Support port mirroring to capture data at both inbound and outbound ports for network diagnostics and fault management
- Support link static aggregation to increase transmission bandwidth and enhance link reliability
- Support Rapid Spanning Tree Protocol (RSTP) and compatible with Spanning Tree Protocol (STP) to eliminate network loops and improve network reliability
- Support port statistics for counting different types of transmitted and received data frames, enabling monitoring of port traffic
- Support ping to check network connectivity
- Support user management with different levels of access for guests and administrators
- Support device online restart, factory reset, and system upgrades

Technical Specifications

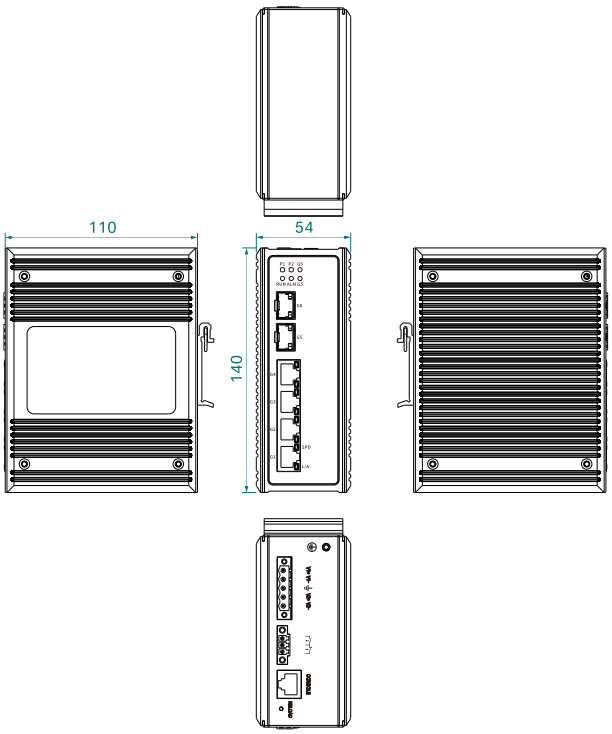
Software	
Switching	Support port configuration, rate configuration, storm suppression, port aggregation, and port statistics Support port VLAN and 802.1Q VLAN Support MAC address aging
Redundancy	Support MW-Ring proprietary ring network technology Support RSTP/STP
Multicast	Supports static multicast MAC address binding
Management and Maintenance	Support static IP configuration Provide QoS with support for 802.1P, DSCP (Differentiated Services Code Point), and port priority mapping, allowing for absolute and relative priority control Support port mirroring, Ping, and relay alarms Offer user management with different levels of access, online restart, factory reset, system upgrades, and configuration file upload/download.
Switch Capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	14Gbps
Buffer Size	2Mbit
MAC Table Size	2K
Interface	
1G Fiber Port	2*1000Base-X SFP ports
1G Copper Port	4*10/100/1000Base-T(X) auto-sensing RJ45 ports, support full/half duplex and auto MDI/MDI-X
Relay	1* relay alarm output with 3-pin 3.81mm pitch locking terminal blocks
CONSOLE	1* CONSOLE port with a RJ45 connector, supporting RS232 signal for device debugging and command configuration

Status LED	Power indicator, operation indicator, Alarm indicator, Interface indicator, and Ethernet port speed indicator
Power Supply	
Input Voltage	DC model: Dual DC9~60V power inputs, non-polarity AC model: Single AC85~264V/DC110~370V power supply
Power Consumption	＜5.5W@DC24V(full load)
Connection	5.08mm pitch 5-pin terminal block
Physical Characteristics	
Dimensions	140×54×110 mm (DIN rail mounting clip excluded)
Installations	Easy installation on 35mm DIN rails
IP Code	IP40
Weight	0.58kg (DC model), 0.67kg (AC model)
Working Environment	
Operating Temp	-40°C to +85°C
Storage Temp	-40°C to +85°C
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMC	IEC 61000-4-2 (ESD): Level 4 (Contact discharge ±8kV, air discharge ±15kV) IEC 61000-4-5 (Surge): Level 4 (Power supply: Common-mode ±2kV, differential-mode ±2kV; Network port: Common-mode ±4kV, differential-mode ±2kV) ※Ethernet port supports 6kV lightning protection IEC 61000-4-4 (EFT): Level 4 (Power supply: ±4kV Network port: ±2kV)
Certification	CE, FCC, RoHS

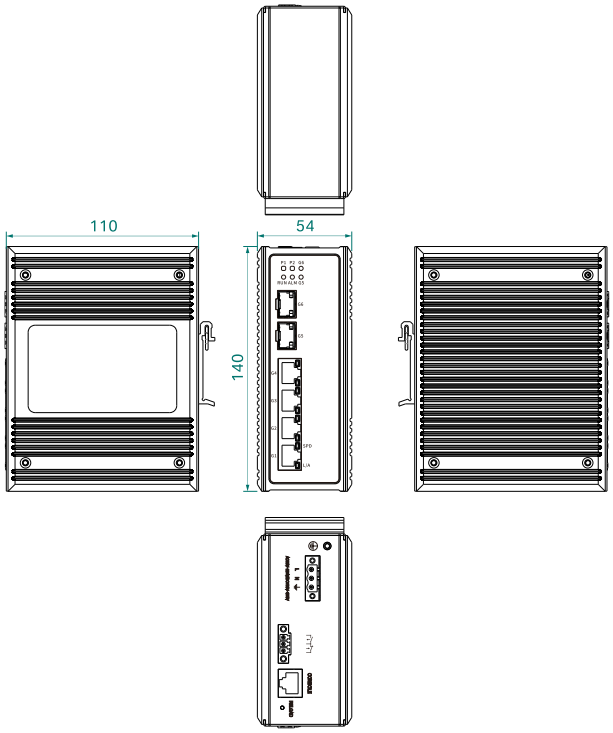
Dimensions

Unit: mm

CISCOM7206G-2GF-4GT



CISCOM7206G-2GF-4GT-AD220



Ordering Information

Standard Model	1G Fiber Port	1G Copper Port	Input Voltage
CISCOM7206G-2GF-4GT	2	4	Dual DC9~60V power inputs
CISCOM7206G-2GF-4GT-AD220	2	4	Single AC85~264V/DC110~370V power supply

Contact Us

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