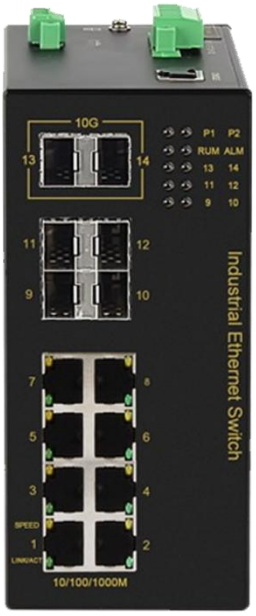
CISCOM7214GX-2XGF-4GF-8GT

14-Port Layer 2 10G Managed DIN Rail Industrial Ethernet Switch



- 2x 10G SFP ports, 4x 1G SFP ports, 8x 1G copper ports
- MW-Ring (recovery time < 20 ms @ 200 switches), STP/RSTP for network redundancy
- Single AC 85~264V/DC 110~370V power input or dual DC36-72V power inputs
- High-strength aluminum alloy housing with IP40 protection, fanless design
- -40°C to +85°C working temperature range

Product Description

CISCOM7214GX-2XGF-4GF-8GT is a layer 2 10G Din Rail managed industrial Ethernet switch. It supports 2* 10G SFP ports, 4* 1G SFP ports and 8* 1G copper ports. This switch utilizes a store-and-forward mechanism, providing robust bandwidth processing capabilities while automatically detecting and reducing transmission errors, ensuring stable, reliable, and efficient data transfer. The product features carefully selected industrial-grade components, high-standard system design, and production control. It is designed for 35mm standard DIN rail installation, housed in a rugged and durable high-strength metal enclosure. The fanless design allows it to dissipate heat effectively and operate reliably in a wide temperature range from -40°C to +85°C. The device also adheres to high industrial protection standards, making it suitable for challenging work environments, ensuring stable communication performance.

CISCOM7214GX-2XGF-4GF-8GT switch supports a range of features and network protocols, including MW-Ring, STP/RSTP, VLAN, LLDP, SNMPv1/v2c/v3, QoS, WEB/TELNET/SSH access control, static aggregation,

port mirroring, static MAC address binding, network diagnostics, and online firmware upgrades. These capabilities enhance network performance, reliability, and security, making it suitable for various complex network requirements.

Product Features

- Support rate limiting for broadcast, unknown multicast, and unknown unicast packets, with detection and prevention of broadcast and multicast packet storms to avoid network storms
- Support QoS to prioritize voice, video, and critical data transmission within network devices, addressing network congestion
- Support 802.1Q VLAN, providing Access, Trunk, and Hybrid interfaces for easy division of multiple broadcast domains, enhancing network security
- Support LLDP for obtaining LLDP neighbor device information, monitoring link statuses, facilitating topology management, and fault localization
- Support port mirroring to collect data from port ingress and egress for network detection and fault management
- Support static link aggregation to increase transmission bandwidth and enhance link reliability
- Support RSTP (Rapid Spanning Tree Protocol) compatible with STP (Spanning Tree Protocol) to eliminate network loops and enhance network reliability
- Support WEB control with HTTP and HTTPS protocol access control, as well as login IP address restrictions
- Support SNMPv1/v2c/v3 centralized management and SNMPv1/v2c/v3 TRAP messages, including support for standard TRAP and private TRAP notifications
- Support port statistics, counting different types of transmitted and received data frames to monitor port traffic
- Support loopback detection to prevent network loops and associated network storms
- Support online restart, factory reset and system upgrade

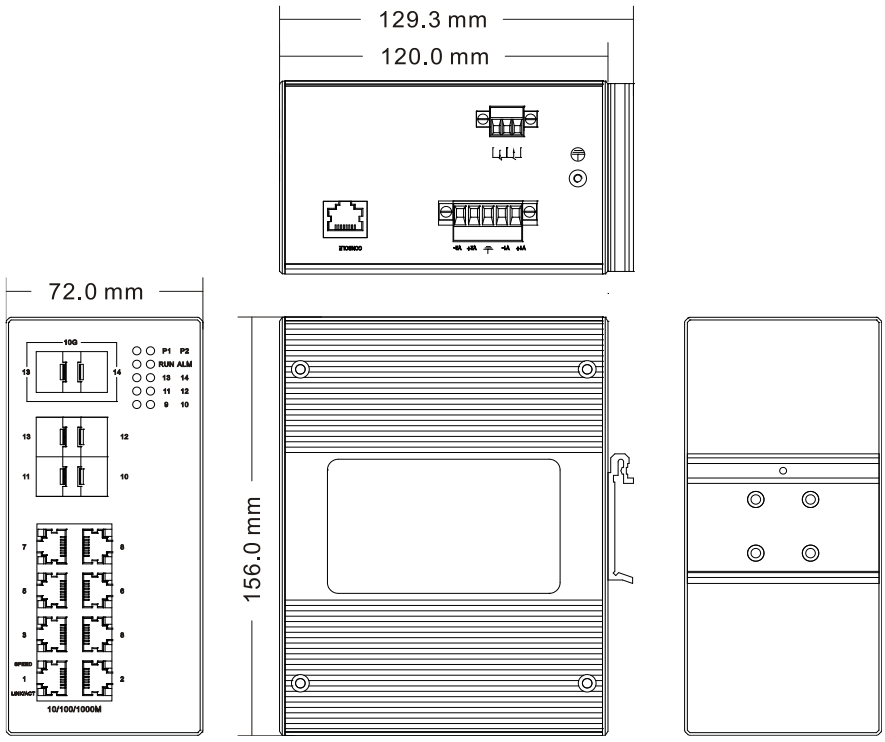
Technical Specifications

Software	
Switching	Support port configuration, port rate limiting, storm suppression, storm detection, port aggregation, and port statistics Support 802.1Q VLAN Support MAC address aging and static MAC address binding
Redundancy	Support MW-Ring proprietary ring network technology Support RSTP/STP
Management and Maintenance	Support WEB, TELNET, and SSH access control Support QoS, SNMP v1/v2c/v3, and LLDP Support loopback detection, port mirroring, Ping, relay alarm Support user privilege management, online restart, factory reset, system upgrade, and configuration file upload/download Support MW-NMPv2, MixView, and MaxView management
Switch Capability	
Processing Type	Store and Forward
Backplane Bandwidth	64Gbps
Buffer Size	8Mbit
MAC Table Size	16K
Interface	
10G Fiber Port	2* 10GBase-X SFP+ ports, compatible with 1000Base-X
1G Fiber Port	4* 1000Base-X SFP ports
1G Copper Port	8*10/100/1000Base-T(X) auto-sensing copper ports, full/half duplex, auto MDI/MDI-X
Relay	1* relay alarm output with 3-pin 3.81mm spacing and locking terminal connectors.
CONSOLE	1* CONSOLE port with an 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: DC12~48V or 36~72V optional, dual power redundancy, reverse polarity protection AC model: AC85~264V/DC110~370V
Power Consumption	＜12W
Connection	5.08mm pitch 5-pin terminal block
Physical Characteristics	
Dimensions	156×72×120 mm (DIN rail mounting clip excluded)
Installations	Standard 35mm DIN rail installation
IP Code	IP40
Weight	0.95kg
Working Environment	
Operating Temp	-40°C~+85°C
Storage Temp	-40°C~+85°C
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMC	IEC 61000-4-2 (ESD): Level 4 IEC 61000-4-5 (Surge): Level 4 * Ethernet ports support 6kV surge protection IEC 61000-4-4 (EFT): Level 4
Certification	CE, FCC, RoHS

Dimensions

Unit: mm



Ordering Information

Standard Model	10G Fiber Port	1G Fiber Port	1G Copper Port	Input Voltage
CISCOM7214GX-2XGF-4GF-8GT	2	4	8	Dual DC12~48V
CISCOM7214GX-2XGF-4GF-8GT-DC48	2	4	8	Dual DC36~72V
CISCOM7214GX-2XGF-4GF-8GT-AD220	2	4	8	AC85~264V or DC110~370V

Contact Us

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