

CRS7228M-4GT2GX

Managed (DIN-Rail) Industrial Ethernet Switch



Features & Advantages

- 4*10/100/1000Base-TX self-adaptive RJ45 interfaces + 2*100/1000Base-X optical ports.
- Support IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE 802.3af/at standards.
- Equipped with DC10-55V wide voltage dual power supply redundancy and anti-reverse connection protection.
- Designed with a four-level lightning protection chip, effectively resisting lightning strikes below 6kV and static electricity up to 8kV.
- Fully industrial-grade materials, with IP40 protection, low power consumption, industrial design: working temperatures range of -40~85°C.
- Encased in a corrugated high-strength aluminum alloy shell, DIN-rail installation.
- Support PoE expansion, IEEE802.3af: maximum power of 15.4W, IEEE802.3at: maximum power of 30W

Product Overview

The CRS7228M-4GT2GX is a high-performance and cost-effective Gigabit managed industrial switch. It supports 4*10/100/1000Base-TX self-adaptive RJ45 interfaces and 2*100/1000Base-X SFP optical ports. The switch supports both WEB and VLAN management, and features a robust QoS suite for effective data flow control and management. Additionally, it supports ring network protocols, RSTP for Ethernet redundancy, port-based VLAN, and IEEE 802.1Q VLAN.

The products also adopt with fan-free, low power consumption, industrial design, working temperature range of -40~85°C, meeting the requirements of various industrial settings and providing a cost-effective solution. The equipment can be widely used in various broadband data transmission fields, such as intelligent buildings, smart cities, smart communities, intelligent transportation, telecommunications, security, financial securities, customs, shipping, electricity, water conservancy, and oilfields.

Technical Specification

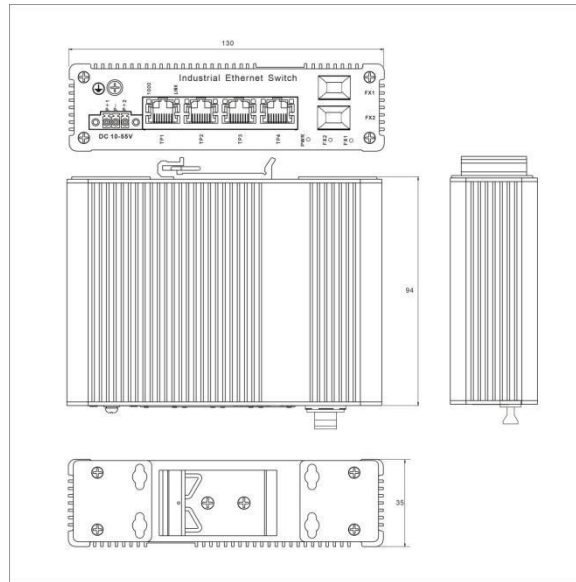
Ports	4*10/100/1000 Base-TX, 2*100/1000 Base-X SFP
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Power Connector	3P Phoenix terminal, dual power supply redundancy
LED	Power indicator: PWR (green); System indicator; SYS (green); Network Port Indicator: yellow(1000 or POE), green(Link)
Twisted Pair	0-100m(CAT5e, CAT6)
Network Topology	Ring Topology Star Topology Bus Topology Tree Topology Hybrid Topology
Input Voltage	DC10~55V (POE/DC48~55V) Non-PoE full load (Total power)<10W, PoE full load<70W
Power Consumption	PoE (Optional) PoE Ports 1-4 PoE Protocols 802.3af, 802.3at PoE Pin Assignment 1,2,3,6 PoE Management
Switching Capacity	12G
Packet Forwarding Rate	8.93Mpps
MAC Address Table	2K
VLAN	4K
Packet Buffer	4M
Forward Delay	<10us
Port Feature	Crossover/Straight-Through self-adaption
Flow Control	Support
Jumbo Frame	9216bytes
Spanning Tree Protocol	STP/RSTP/MSTP ERPS
Link Aggregation	2 Groups
Multicast	Supports GMP V1/2, IGMP Snooping
Port Mirroring	Support
Storm Control	Support
Port Traffic Statistics	Support
PoE Management	Device connection power consumption, PoE on/off

Protection	IP40
Size	130x90x35MM

Dimension

Unit: mm



Product Models

Product Models	Specification & Descriptions
CRS7228M-4GT2GX	4*10/100/1000Base-TX self-adaptive RJ45 interfaces+2*100/1000Base-X SFP optical ports, DIN-Rail installation. -40°C~+85°C