

CS-RG528P-4C-24-A (Preliminary)

28-port 19" Managed Layer 2 Full Gigabit Ethernet PoE Switch



The CS-RG528P-4C-24-A equipped with 24 Gigabit PoE+ ports and 4 combo SFP slots can accommodate wide range of SFP transceivers including single-mode, multi-mode, or WDM. It is perfect for service providers and enterprises who plan to implement FTTX system or any other high density fiber demand applications.



Key features

- ▶ Provide 24 Giga Copper ports with 2 100 / 1000 Based SFP (SX/LX/LHX) ports
- ▶ Support 9K Jumbo frames
- ▶ IEEE 802.3x flow control & back-pressure
- ▶ Layer 2 wire-speed switching engine
- ▶ Support IEEE 802.1p TOS/DiffServ, QoS
- ▶ Multicast / Broadcast / Flooding Storm Control
- ▶ Power Input AC: 100-240VAC, 50/60Hz
- ▶ IP 30 Protection
- ▶ 0°C ~ 50°C operating temperature
- ▶ Support IPV4/V6

Specification

Ethernet

Operating Mode	Store and Forward, L2 wire-speed/non-blocking switching engine
MAC addresses	16K
Packet Buffer	1.5 Mbits
Jumbo frame	9K
Switching Fabric / Back Plane	56Gbps

RJ45 Copper ports

Speed	10/100/1000 Mbps
MDI/MDIX Auto-crossover	Support straight or cross wired cables
Auto-negotiation/Duplex	10/100/1000 Mbps speed auto-negotiation; Full & Half Duplex

Fiber Ports

Port Types supported	100/1000 Base SFP Slot
Fiber port connector	LC/RJ45 connector for fiber ports
Optimal fiber cable	Typical 50 or 62.5/125 μ m for multimode (mm) Typical 8 or 9/125 μ m for single mode (sm)

Console Ports

Console Management	1 x RS-232 Port (RJ-45)
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Smart Features

QoS	IEEE 802.1p, TOS/Diffserv
Number of Queue	8
Storm Protection	Multicast/Broadcast/Flooding Storm Control

Power

Power Input	AC Input
Input Voltage Range	AC: 100-240VAC, 50/60Hz
Power Consumption	CS-RG528P-4C-24-A, 55Watt (Without PD Load), 500Watt max.
PoE output	Total PoE power budget 480 Watt (40°C)

Indicators

Power status indication	Power Input status
Ethernet port indication	Link & speed

Environmental and Compliances

Operating Temperature	0~50°C
Storage Temperature	-20~60°C
Humidity	5~90% (Non-Condensing)
Vibration, shock, free fall	IEC-60068-2-6, -27, -32
Certification Compliance	CE, FCC
Electrical safety	CE
EMC	FCC Part 15, CISPR 22 (EN55022) Class A IEC-61000-4-2, -3, -4, -5, -6 (Level 2)
RoHS & WEEE	RoHS (Pb free) and WEEE Compliant
MTBF	>25 years

Mechanical

Protection	IP30
Dimension	440mm (W) x 310mm (D) x 44mm(H)
Weight	4.8 kg
Installation	19" Rack mount

Ordering Information

Available Models	Description	10/100/1000Mb TX	100/1000Mb FX
CS-RG528P-4C-24-A	24 ports + 4 combo ports Managed Ethernet PoE Switch, IEEE 802.3af/at selectable	24 PoE	4

Accessories

1. 100 Mb SFP Modules
2. Gigabit SFP Modules

Package Checklist

- CS-RG528P Switch
- Quick Installation Guide (Printed)
- Documentation & Software CD
- 19" 1U Standard Rack-Mount Kit