

24 Port Cloud Managed Gigabit Poe Switch Product Features

CD-C4024G-PF2

Ports Description



- Provides 24x 1000M POE ports, 2x1000 M RJ45 ports and 2x1000M SFP ports
- All ports support Auto MDI/MDI-X function
- IEEE802.3X full-duplex flow control & Backpressure half-duplex flow control
- Supports autonomous learning and aging of MAC address
- Support 802.1Q VLAN, MTU-VLAN, Port VLAN
- Overcurrent, overload and short-circuit protection
- Support spanning tree protocols: STP (IEEE802.1d), RSTP (IEEE802.1w)
- Comply with IEEE802.3 Ethernet and IEEE802.3u Fast Ethernet
- Cloud Network Management (WEB+APP)

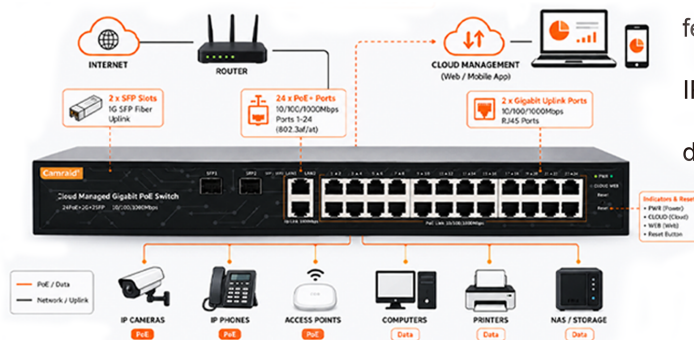
INTRODUCTION:

CAMRAID 24-Port Gigabit Cloud Managed PoE Switch is a high-performance POE Ethernet switch designed for enterprise, surveillance, and PoE networking applications. It features 24 × 10/100/1000 Mbps IEEE 802.3af/at PoE RJ45 ports, 2 × Gigabit RJ45 uplink ports, and 2 × Gigabit SFP fiber uplink ports for flexible network expansion. All PoE ports support automatic PD detection and intelligent power allocation for reliable operation. The switch delivers wire-speed Gigabit forwarding, Auto MDI/MDI-X, IEEE 802.3x flow control, MAC address auto-learning, VLAN, QoS, port isolation, and loop prevention. It supports cloud-based remote monitoring and configuration through the Amitres IOT mobile application, enabling centralized device management, PoE control, and real-time status monitoring. A built-in web management interface provides intuitive local configuration and network administration. Its high reliability, intelligent management features, and robust PoE performance make it an ideal solution for IP surveillance, wireless networks, enterprise LANs, and SMB deployments.

Dimension (mm)



Installation Diagram



SPECIFICATIONS

Model	CD-C4024G-PF2
Ports	24x 1000Mbps POE.RJ45 ports + 2x 1000Mbps Cascading RJ45 ports+2x 1000Mbps SFP ports
Network Medium And Transmission	1000Base-T: 4 to Cat5e or higher UTP/STP(≤100m) 100Base-TX: 2 to Cat5 or higher UTP/STP(≤100m) 10Base-TX: 2 to Cat5e or higher UTP/STP(≤250m)
Transmission Distance	250m
Bandwidth	56Gbps
Network Latency	IEEE802.3X full-duplex flow control & Backpressure half-duplex flow control
MAC address table	8K
Packet forwarding rate	41.664 Mpps
The Frame Filter & Transmission Rate	Ethernet 10Mbps half-duplex, 20Mbps full-duplex. Fast Ethernet 100Mbps half-duplex, 200Mbps full-duplex. Gigabit Ethernet 2000Mbps Full-Duplex
Networking Standard	IEEE 802.3 Ethernet Media Access Control Protocol IEEE 802.3i 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE802.3z 1000BASE-X SFP Interface IEEE 802.3af IEEE 802.3at IEEE 802.3x flow control
Power Supply	AC Input 100-250V, Standard configuration 360W Power Supply
Working Environment	Operating Temperature: -10°C~+55°C Storage Temperature: -40°C~+75°C
Transfer Mode	Store & Forward
Packet Buffer Memory	4m
POE Budget	Total Poe budget 360W
Protection Level	IP40
Lightning Protection	4KV - 6KV
POE Performance	Port MAX output: 30W Overcurrent protection: Support Overvoltage protection: Support Short circuit protection: Support Sequential startup: Support Soft startup for high-power PD : Support
Cloud Management: Information View	Switch SN information, device model, firmware version, real-time IP, real-time port power, port LINK status, link duplex, up and down rate, VLAN status
Cloud Management: Device Operation	Port isolation setting, port restart, port POE switch, port speed limit, port ultra-long switch, switch whole machine restart, whole machine setting reset, port duplex setting, firmware upgrade, VLAN setting
Security Features	• Order-based protection • Support MAC/PORT binding • Support DHCP snooping and DHCP attack protection • Support end-port security and end-port isolation • Support CPU protection function
Access control (ACL)	Support port mirroring, port redirection, flow rate limiting, and QoS remarking
Quality of Service(QoS)	Support port priority, 802.1P priority, DSCP priority • Support SP, WRR, SP ,WRR, Equ priority scheduling algorithm
STP Protocol	Support STP(IEEE 802.1d), RSTP(IEEE 802.1w) protocols
Management and Maintenance	Support WEB network management Support PC client management Support remote management via APP
Physical Specifications	440mm*180mm*45mm (With ear hook)
Package	465mm*265mm*90mm (Approximately 2.8kg)
Warranty	Whole Device: 1 year
Package Content	User Manual, Mounting kit, Power cable
Certification	CE, FCC 15 Class, RoHS 2.0

