

24 Port Cloud Managed Gigabit Desktop Switch Product Features

CD-C4124GSF

- Provide 24 10/100/1000Base-T RJ45 ports, 1 Gigabit SFP port
- Follow IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3ab protocol standards
- Support port management such as port speed limit, port duplex setting, port mirroring, loop management
- Support the Ai-watchdog function of the whole machine
- Support DHCP snooping to restrict access to illegal DHCP servers
- Support the automatic learning and aging of MAC addresses
- All ports support Auto Flip (Auto MDI/MDI-X) function
- Support spanning tree protocols: STP(IEEE802.1d), RSTP(IEEE802.1w)
- Cloud network management: visual remote management, on-site problems, remote resolution

Ports Description



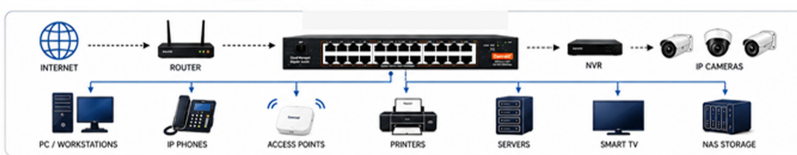
INTRODUCTION:

Camraid Full Gigabit Cloud-Managed Ethernet Switch is a high-performance smart managed switch engineered for enterprise, commercial, and surveillance network deployments. It features 24 × 10/100/1000 Mbps auto-negotiating RJ45 Ethernet ports and 1 × 1.25G SFP uplink slot for fiber connectivity. The switch integrates advanced cloud-based management, enabling secure remote monitoring, configuration, and maintenance from anywhere. Through the Amitres IoT mobile application, administrators can monitor real-time device status, manage port configurations, and perform network diagnostics remotely. It also supports a web-based management interface, providing comprehensive control over switching functions and network settings. Combining Gigabit performance, fiber uplink capability, and intelligent cloud management, this switch is an ideal solution for modern IP surveillance, enterprise LAN, and SMB networking applications.

Dimension (mm)



Installation Diagram



SPECIFICATIONS

Model	CD-C4124GSF
Ports	24x 10/100/1000Mbps. RJ45 ports, 1x Gigabit SFP port
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 pair of to Cat5e or higher UTP/STP(≤250m)
Transmission Distance	250m
Bandwidth	50Gbps
Network Latency	IEEE802.3X full-duplex flow control & Backpressure half-duplex flow control
MAC address table	8K
Packet forwarding rate	37.20 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 802.3at IEEE 802.3x flow control
Power Supply	AC Input 100-250V, 12v over 24w internal power
Working Environment	Operating Temperature: -10°C~+55°C Storage Temperature: -40°C~+75°C
Transfer Mode	Store & Forward
Packet Buffer Memory	4m
Function indicator	Switch power status indication
Protection Level	IP40
Lightning Protection	4KV - 6KV
Humidity/Altitude	Working humidity: 10% ~ 90% RH non-condensing Working altitude: Maximum 8200 feet (2500 meters) Storage altitude: Maximum 8200 feet (2500 meters) Storage humidity: 5% ~ 90% RH non-condensing
Cloud Management: Information View	Switch SN information, device model, firmware version, real-time IP, real-time port LINK status, link duplex, up and down rate, VLAN status
Cloud Management: Device Operation	Port isolation setting, port restart, port shut down, port speed limit, port remote 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 • Support Loop Management
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	270mm*180mm*45mm
Package	310mm*244mm*77mm (Approximately 1.22kg)
Warranty	Whole Device: 1 year
Package Content	User Manual, Mounting kit, Power cable
Certification	CE, FCC 15 Class, RoHS 2.0

