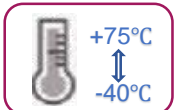


24ports PoE full Gigabit intelligent management Ethernet Switch

Product Specification



Model: OL-GS3428CP-4C

- ◆24x RJ45 10/100/1000Mbps Base-T Ethernet port(PoE port), 4 x Combo port, 1 x Console port
- ◆Each PoE port support IEEE802.3 af/at standard, could provide max 30W power.
- ◆Support WEB management, CLI, SNMP and other diversified management and maintenance method.
- ◆Support GVRP, realize the dynamic distribution of VLAN, registration and property dissemination, reduce manual configuration, ensure the correctness of configuration
- ◆Support static routing , RIP, OSPF, support VLAN, QoS, restrain network broadcast storm, make network more stable
- ◆It not only supports the traditional STP/RSTP/MSTP protocol, but also supports the industrial redundant network protocol, supports G.8032 (ERPS), provides fast service switching, realizes the self-healing protection of backbone network services, and brings abundant networking modes
- ◆Large backplane bandwidth, ensure all ports speed-limited forwarding
- ◆Supporting industrial environment applications, working temperature - 40 ~75 C, storage temperature - 40 ~85 C, network port with 6 KV surge protection

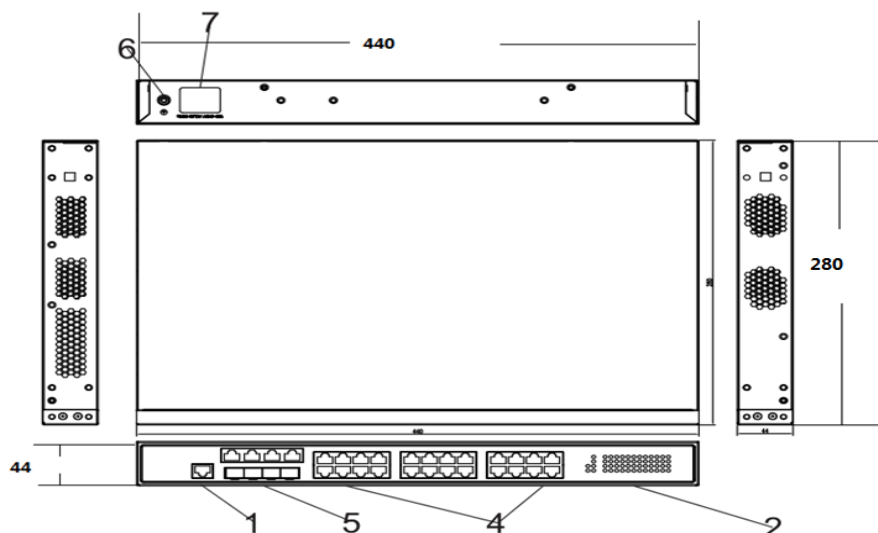
Product Overview

OL-GS3428CP-4C is a full Gigabit management switch, adopt maturity technology and open network standard. Suitable for Low temperature and high temperature environment , Standard 1U rack mounting. Supporting Web PoE management and compatible with power supply management of non-standard PoE equipment. Specific to industry 4K HD huge frame interface and different scenarios, from access, convergence to small network core, could provide high-efficiency, reliable and rapid data transmission solutions.

Product Typical Application



Appearance



1. Console Port
2. Status indicator
4. 24 x GE Port(PoE port)
5. Combo
6. Grounding screw
7. Power Socket

Product Spec

Model	OL-GS3428CP-4C
Hardware properties	
Port	24 x RJ45 PoE 10/100/1000M auto adaptive, 4 x Combo port , 1 x Console
Input Voltage	100-240V ~ 50/60HZ
Power consumption	≤120W
PoE Output	G1-G24,RJ45 8 core
PoE line sequence	1/2 wires are positive (+) , 3/6 wires are negative (-) , End-span
PoE voltage/Current	53.5V/7.5A
PoE port output power	Single port output power≤30W . Global PoE≤400W
Transmission distance	Pair-Twist: 100m(standard CAT5/CAT5E/CAT6)
	Single-Mode optical cable: 1310nm 20km 1310nm 40km 1310nm 60km 1310nm 80km
	Multimode optical cable : 850nm 2km 1310nm 5km
Packet forwarding rate	41.664Mpps
Back of bandwidth	56Gbps
Cache	1.5M
Exchange mode	storage forwarding
MAC Address Table	8K
Working temperature	-40~75°C
Storage temperature	-40~85°C
Operating Humidity	5%~95% ,no condensation
Dimension(L*W*H)	440mm*280mm*44mm
Install method	Desktop , Rack
Level of protection	IP30 High strength metal
Weight	≤4kg

Software properties

Ethernet Function	<ul style="list-style-type: none">Support LLDPSupport static MAC configurationSupport MAC address Learning Number Limitation (MAC Address Depth Maximum 16K)Support Port mirror and stream mirror functionSupport port aggregation (Aggregate Group Ports Max. 8 Ports)Support port isolationSupport ERPSSupport STP/RSTP/MSTPSupport IEEE 802.3ad (dynamic link aggregation), Support static port aggregation
VLAN	<ul style="list-style-type: none">Support 802.1Q (Max 4K VLANs)Support protocol-based VLANSupport IP-subnet VLANSupport Mac based VLANSupport GUEST VLAN
IP Routing	<ul style="list-style-type: none">Support static Routing, RIP, OSPF
DHCP	<ul style="list-style-type: none">Support DHCP RelaySupport DHCP ClientSupport DHCP SnoopingSupport DHCP Snooping Option 82
Multicast	<ul style="list-style-type: none">Support IGMP V1/V2/V3 Snooping
QoS	<ul style="list-style-type: none">Support Diff-Serv QoSSupport WRR/HQ-WRR scheduleSupport 802.1p, DSCP Priority MappingStrategy QoSSupport bi-directional rate limits on ports
ACL	<ul style="list-style-type: none">Support IPv4, IPv6 ACLSupport MAC ACL
Reliability	<ul style="list-style-type: none">Support upgrade on line

Security	Support graded user management and password protection
	Support SSHv2 to provide secure encryption channel for user login
	Support SSL to ensure Data Transmission Security
	Support controllable IP address FTP login and password mechanism
	Support to prevent ARP, unknown multicast message, broadcast message, unknown unicast message, TTL = 1 message, protocol message and other attacks
	Support Dos Attack Prevention
	Support MAC address restriction
	Support IP+MAC+PORT+VLAN binding function
	Support IEEE 802.1x
	Support SAVI source address validation
	Support Radius,SupportHWTACACS
	Support secure network management SNMPv3
	Support broadcast message suppression
	Support Supporting CPU Attack Prevention
System Management	Support Console,AUX Modem,Telnet,SSH2.0 ,Command line configuration
	Support WEB management
	Support FTP,TFTP,Xmodem,SFTP load and download
	Support SNMP V1/V2c/V3
	Support NTP timer
PoE Management	Support system log
	Support power global control
	Support PoE enable and disable
	Support single port 30W output and port output priority

Standard	
Ethernet Standard	IEEE802.3(Ethernet),IEEE802.3u (100Base-TX和100Base-FX), IEEE802.3x (Flow control),IEEE802.3ab (1000Base-T) 802.3af(Ethernet PoE standard) ,802.1at(Ethernet PoE standard)
EMC	EN61000-4-2 (ESD) contact discharge $\pm 4KV$,Air discharge $\pm 8KV$ IEC61000-4-5 Lightning 6KV EN61000-4-3 (RS) anti-electromagnetic
Level of protection	IP30 High strength metal
Certificate	FCC, ROHS

Port and LED definition

Port Definition

Silkscreen	Definition	Description
124	PoE Gigabit	10/100/1000Mbps RJ45, PoE port
25-28	1000M Combo	Combo port
Console	Configuring Interface	Debug port
100~240V AC,50-60HZ	Power Socket	Power supply port

LED indication

Silkscreen	Definition	Description
PWR	Power indicator(Green)	On: The switch is powered on Off: The switch is powered off or power supply is abnormal
1-28	Link/Act(Green)	On: A device is linked to the corresponding port and running property Flashing: transmitting or receiving data Off: No device is linked to the corresponding port
1-24	PoE indicator(Yellow)	On: The port is supplying power normally Off: Not providing PoE power on the port
SYS	System indicator	On: The switch working abnormal or the switch is starting Flashing: The switch is working normally

Packing list

Parts	Quantity
Switch	1
AC power cord	1
Mounting brackets and the fittings	1*2
Quick Start Guide	1
Warranty Card	1
Rubber Feet	1*4