

**CS3244GS-POE**

L2 Managed Ethernet PoE Switch

24GE + 4SFP

IEEE802.3 AF/AT



ACL Protection



ERPS Ring Protection



LACP Protocol

Brief Views

CS3244GS-POE is a full Gigabit Layer 2 Managed PoE Ethernet Switch. It provides 24 Gigabit ports and 4 SFP ports, which can meet the requirements of cost-effective Gigabit access or convergence network. It adopts storage-forwarding and dynamic memory allocation technology, which makes sure each port can work in linear forwarding way. It complies with IEEE802.3 AF/AT standard and can detect the ends automatically. The product has abundant L2 features such as VLAN, LACP, QoS, ACL, and is widely used in the access of enterprise networks and campus networks. It provides the users with a high-performance, easy-to-manage, easy-to-expand, and low-cost solution when it comes to Gigabit to desktop solutions.

Functional Features

- Comply to IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab IEEE 802.3ae, IEEE 802.3az;
- 24*10/100/1000M RJ45 adaptive ports, support Auto MDI/MDIX;
- 4*100/1000M SFP ports;
- Support IEEE802.3AF/AT, MAX power 280W;
- Support 8K MAC table size;
- Support abundant L2 features such as VLAN, LLDP, QoS, ACL;
- Support Ethernet OAM 802.3ah EFM and 802.1ag CFM;
- Support SFlow protocol ;
- Support RMON group 1,2,3,9;
- Support IGMP V2/V3 Snooping;
- Support CLI/SNMP/WEB UI Management;
- Embedded power, 1U medal shell, standard rack structure.

Hardware

- **Downlink ports**
 - 24*10/100/1000BASE-T RJ45
- **Uplink ports**
 - 4*SFP
- **Console port**
 - 1 pcs
- **Switching capability**
 - 56Gbps
- **Packets switching capability**
 - 41.7Mpps
- **Switching method**
 - Storage forwarding
- **LED light**
 - power, ports, sys
- **PoE**
 - MAX 280W, port MAX 30W
- **Environment parameters**
 - Work temperature: -15 - to 55°C
 - Storage temperature: -40 - 70°C
 - Work humidity: 10% to 90%
 - Storage humidity: 10% to 90%
- **Jumbo Frame**
 - 9K
- **MAC table size**
 - 8K
- **Flash size**
 - 16MB
- **DDR3 size**
 - 128MB
- **Power**
 - AC90 ~ 264V, 47 ~ 67Hz
- **System power consumption**
 - < 30W
- **Dimension (W*D*Hmm)**
 - 440*208*44mm
- **Weight**
 - <= 4.5KG
- **Certification compliance**
 - FCC CE ROHS

Software

● MAC

- Static MAC setting
- MAC filtering
- Automatic MAC setting/learning

● System

- IPV4/IPV6 dual stack
- Users management
- SNTP(Simple Network Time Protocol)
- Syslog
- SNMP V1/V2/V3
- RMON(1,2,3,9)

● Port

- Port configuration
- LACP (Link Aggregation Control Protocol)
- Port mirroring
- Port security

● VLAN

- Port based VLAN,private vlan
- MAC based VLAN
- Voice VLAN
- GVRP

● IGMP

- IGMP snooping V1/V2/V3
- Multicast entry(256)

● STP

- IEEE 802.1D STP
- IEEE 802.1W RSTP
- IEEE 802.1S MSTP

● ACL

- MAC based ACL
- MAC based ACE
- IPV4 based ACL
- IPV4 based ACE

● QoS

- WRR (Weighted Round Robin)
- Port based QoS
- IEEE 802.1p Class of Service
- DSCP-based QoS
- QoS basic priority
- QoS strict priority (SP)

● Band control

- Ingress Port
- Ingress VLAN
- Egress Port
- Egress Queue

● LLDP

- LLDP port configuration
- MED agent

● Device security

- Broadcast / Uncast / Multicast Storm Control
- IEEE 802.1x, Radius,TACACS+
- DHCP Snooping/DHCP Relay
- DHCP Server
- ERPS
- IP Source Guard
- ARP Check
- DAI (Dynamic ARP Inspection)

● Device management

- PING/Traceroute
- Telnet/SSH
- CLI
- WEB
(IP:192.168.1.200 ,username/password: admin/admin)