

**CS3244GS**

## L2 Managed Ethernet Switch

**24GE + 4SFP**

ACL Protection



ERPS Ring Protection



LACP Protocol



SFlow Protocol

## Brief Views

CS3244GS is a full Gigabit Layer 2 Managed 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. 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 802.3az;
- 24\*10/100/1000M RJ45 adaptive ports, support Auto MDI/MDIX;
- 4\*100/1000M SFP ports;
- 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 V1/V2/V3 Snooping;
- Support CLI/SNMP/WEB UI Management;
- Embedded power, 1U metal 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
- **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
- **Power consumption**
  - Full load <= 40W, empty load <= 20W
- **Dimension (W\*D\*Hmm)**
  - 440×220×43.6mm
- **Weight**
  - <= 3KG
- **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)