

**CS3244GC-POE**

L2 Managed Ethernet POE Switch

24GE +4SFP Combo



ACL Protection



STP/RSTP/MSTP



LACP Protocol



IEEE802.3 AF/AT

Brief Views

CS3244GC-POE is a 28-ports Gigabit Managed POE Switch is a Green Energy-Saving POE Switch independently . It adopts High-Quality and High-Speed Network IC and the most stable POE Chip. The POE port meets the IEEE802.3af or IEEE802.3at standard. This model can provide seamless connection for 10/100/1000M Ethernet, and the POE power port can automatically detect and power the powered devices that comply with the IEEE802.3af or IEEE802.3at standards. The Non-POE devices are forcibly powered and only transmit data.

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 Combo ports ;
- Support IEEE802.3AF/AT
- Support 8K MAC table size ;
- Support abundant L2 features such as VLAN,LLDP,QoS,ACL ;
- Support 802.1x port authentication, support AAA authentication, support Radius,TACACS+ authentication ;
- Support RMON V1
- 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 Combo
- **Console port**
 - 1 pcs
- **Switching capability**
 - 56Gbps
- **Packets switching capability**
 - 41.7Mpps
- **Switching method**
 - Storage forwarding
- **LED light**
 - power,ports,sys
- **PoE**
 - Max Power:300W (Optional : 400W),port MAX 30W
- **Environment parameters**
 - Work temperature : -20 - to 50°C
 - Storage temperature : -40 - 85°C
 - Work humidity : 10% to 90%
 - Storage humidity : 10% to 95%
- **Jumbo Frame**
 - 9.6Kbytes
- **MAC table size**
 - 8K
- **Flash size**
 - 16MB
- **DDR3 size**
 - 128MB
- **Power**
 - AC100 ~ 240V
- **Power consumption**
 - Full load <= 36W
- **Dimension (W*D*Hmm)**
 - 440*280*44mm
- **Weight**
 - Product Weight: 3.9KG
 - Packing Weight: 4.6KG
- **Certification compliance**
 - FCC CE ROHS

Software

● Port Management

- Enable/Disable Port
- Speed、Duplex、MTU Setting
- Flow-control
- Port Information Check

● Port Mirroring

- Supports both side-way port mirroring

● Port Speed Limit

- Supports port-based input / output bandwidth management

● Port Isolation

- Support the downlink port isolation, and can communicate with the uplink port

● Storm Suppression

- Supports unknown unicast, unknown multicast, and broadcast storm suppression

● Link Aggregation

- Support static manual aggregation
- Support LACP dynamic aggregation

● VLAN

- Support Access、Trunk、Hybrid
- Support port, protocol, MAC-based VLAN partitioning
- Support GVRP dynamic VLAN registration
- Voice VLAN

● LLDP

- Support LLDP link discovery protocol

● Log

- User login, operation, status, events

● Certification

- Support 802.1x port authentication
- Support 802.1x port authentication

● MAC

- Support static addition, deletion
- MAC address learning limit
- Support dynamic aging time setting

● Spanning tree

- Support STP、RSTP、MSTP spanning tree protocol

● Multicast

- Support static addition, deletion
- IGMP-snooping
- Support MLD-Snooping
- Support v1/2/3 dynamic multicast monitor

● DDM

- Support SFP/SFP+DDM

● ACL

- Based on source MAC, destination MAC, protocol type, source IP, destination IP, L4 port

● Qos

- Based on 802.1p (COS) classification
- Based on DSCP classification
- Classification based on source IP, destination IP, and port number
- Support SP, WRR scheduling strategy
- Support flow rate limit CAR

● User settings

- Add/delete users

● Anti-attack

- DOS defense
- Support CPU protection and limits the rate of sending cpu packets
- ARP binding (IP, MAC, PORT binding)

Software

- **Network diagnosis**

- Support ping、telnet、trace

- **System Management**

- Device reset, configuration save/restore, upgrade management, time setting, etc

- **Other functions**

- Support DHCP Snooping、Option82
- Support dynamic ARP detection
- Support TACACS+ certification
- Support DNS certification
- Support port security settings
- Support MVR protocol
- Support cable detection VCT function
- Support UDLD protocol

- **Management function**

- CLI
- SSH V1/V2
- TELNET
- WEB (http、https)
- SNMP V1/V2/V3
- RMON V1
- POE : Support PoE power supply