L2 Managed Ethernet Switch

24GE + 4SFP

CS3244GS

| ACL Protection | STP/RSTP/MSTP | LACP Protocol | RMON |

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 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;
- Embeded 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
- **Enviroment parameters**
- Work temperature: -20 - to 50℃
- Storage temperature: -40 - 85℃
- 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
- **Dimention （W*D*Hmm)**
- 440*204*44.5mm
- **Weight**
- Product Weight: 2.0KG
- Packing Weight: 2.6KG
- **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