# DAYOU DSW3324G
L3 Gigabit Ethernet Switch

Overview

DAYOU NETWORKS DSW3324G is L3 Gigabit Ethernet Switch as a high-end interface to support a variety of multimedia services (IPTV TPS).

L3 switch has been developed to fit the needs of customers who wants to build a high-speed network environment, as the cost of the optimal 24port 10/100/1000Base-T interface, and to provide the service port, 100/1000Base-X interface and four uplink ports L3 aggregation switches to provide. Multicasting, QoS, Security, etc. Based on the outstanding performance is a system that provides a high-performance, high-quality, reliability.
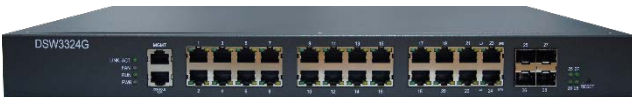
DSW3324G

Flexible network configuration

Can respond flexibly, depending on the nature of the network by the customer's environment to meet than the specification of the service interface allows you to select various 10/100/1000Base-T 24port, 4port Uplink 1000Base-X port to provide services.

Improved performance

Non-blocking Switching fabric for high performance stable and 56Gbps switching capacity and up to speed packet processing 41.6Mpps support.

Network systems management

SNMP v1/v2, MIB II, RMON MIB, and applied to the remote network management can be more easily.

Security

That only authorized users with ACL (Access Control List) and administrator authentication protocol, RADIUS and TACACS +-related equipment to be able to access the system administration and network management of high security.

Key Features

L2 Features
- Port-based VLAN, IEEE 802.1q Tag VLAN
- VLAN stacking (Q-in-Q). VLAN Translation
- 802.1p packet priority
- Spanning Tree Protocol(STP/RSTP/MSTP)
- 802.3ad Link Aggregation
- Jumbo frame 9KB
- Self loop detection

L3 Features
- Static routing
- OSPF v2, BGPv4, RIPv2
- VRRP

Multicast
- IGMP v1/v2
- IGMP snooping/IGMP static join/IGMP proxy
- PIM-SM/SSM,
- Static/Dynamic RP, SPT (Shortest Path Tree)
- IP Multicast Routing ECMP

QoS
- Classification (L2/L3/L4)
- Mark/remark/policing
- Queue scheduling (SPQ, WRR, DRR)
- 8 queues per port
- Congestion management (RED)
- Traffic policing and shaping
- Rate limiting
- Traffic Control

Security
- Storm control (broadcast, multicast, DLF)
- CPU Protection (ACL, Rate Limit)
- DoS Protection
- NetBIOS, NetBEUI, NBT, CIFS, SSDP, WSDD filtering
- ARP/DHCP snooping , ARP Inspection
- 801.x Port-Based Authentication

Management
- CLI(serial / Telnet)
- Dual OS (active/backup) & Fail Over
- Remote OS upgrade (FTP/ TFTP)
- Multiple configuration files
- Remote configuration upgrade (FTP/TFTP)
- Port/Protocol mirroring
- SNMP v1/v2
- RMON history/Syslog/Telnet/SSH
- DHCP server, relay agent with option82
- DDM (Digital Diagnostics Monitoring)
- LLDP (Link layer Discovery Protocol)
- AAA (Authentication, Authorization, and Accounting)
- NTP/TCP dump & logging

IPv6
- Dual stack (IPv4/IPv6)
- Core stack
  IPv6 Specification/ICMPv6
  Neighbor Discovery for IPv6
  IPv6 Stateless Address Auto-configuration
- DHCPv6 (server/relay/snooping)
- MLD v1/v2, MLD snooping, MLD proxy, PIM-SM for IPv6
- OSPFv3, BGP4+, Static routing
- QoS and security for IPv6
- Management for IPv6

DAYOU NETWORKS SWITCH SERIES

Specifications

Memory

- RAM   256Mbyte
- FLASH   128Mbyte

Interface

- Downlink   24port 10/100/1000Base-TX
- Uplink   4ports 100/1000Base-X(SFP)
- Console   RS-232C(RJ-45)

Performance

- 56Gbps switching fabric, 41.6Mpps throughput
- 16K MAC address, 4K 802.1Q VLAN
- 4K L3 table(IPv4), 2K L3 table(IPv6)
- 8K LPM(IPv4), 4K LPM(IPv6)
- 1K multicast(L2)
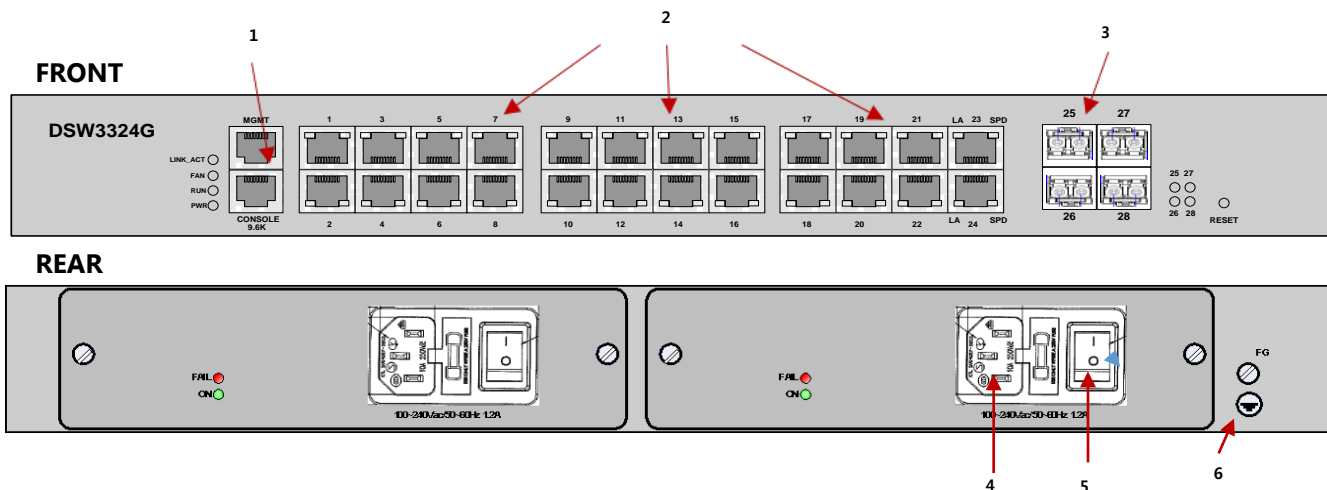- 1K multicast(L3/IPv4), 256B multicast(L3/IPv6)

Power

- Operating Power   AC88V~264/ VAC47~63Hz
- ⠀⠀⠀⠀⠀⠀⠀⠀⠀⠀⠀⠀⠀⠀⠀⠀⠀⠀⠀Free Voltage
- Power Consumption   32Watts
- Operating Temperature   -20℃ ~60℃(-4 °F ~ 140 °F)
- Operating Humidity   10 ~ 90%(Non-condensing)

Dimensions

- Dimension(W/H/D)   440mm x 45mm x 380mm
- Weight   5.1Kg

Warranty

- One-year(12month) return to factory parts

FRONT

REAR

1. RJ45 port of Console
2. 10/100/1000Base-T Ethernet Ports (1~24) ports
3. 100/1000Base-X Ethernet (1~4) ports
4. Electrical Power Input : AC Power 110 VAC ~ 220VAC Free Voltage
5. Power Switch
6. Earth Terminal

Ordering Information

Contact Information

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