

DAYOU DSW3624XG

L3 Gigabit Ethernet Switch



Overview

DAYOU NETWORKS DSW3624XG is L3 Gigabit Ethernet Switch as a high-end interface to support a variety of multimedia services (IPTV TPS).

24port 1G interfaces has been developed to fit the needs of customers who want to build a high-speed network environment, as the cost of the optimal L3 switch service port to provide uplink port, two 10G interfaces and L3 aggregation switch. Multicasting, QoS, Security, etc. Based on the outstanding performance is a system that provides a high-performance, high-quality, reliable.



DSW3624XG

Improved performance

Non-blocking Switching fabric for high performance stable and 88Gbps switching capacity and up to speed packet processing 65.4Mpps support.

Network systems management

SNMP v1/v2, MIB II, RMON MIB, and applied to the remote network management can be more easily. Cisco CLI commands, such as organized through the USB port and OS (firmware) upgrade available on the system configuration

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

- Jumbo frame 9KBPort-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
- Self loop detection

L3 Features

- Static routing
- OSPF v2, BGPv4, RIP v1/v2, IS-IS, VRRP
- Multiple default gateway

Multicast

- IGMP v1/v2
- IGMP snooping
- IGMP static join
- IGMP redundancy proxy, PIM-SM/SSM

QoS

- Classification (L2/L3/L4)
- 4 queues per port
- Mark/remark/policing
- Traffic scheduling (SPQ, WRR, DRR)
- Traffic policing and shaping
- Rate limiting

Security

- Storm control (broadcast, multicast, DLF)
- ACL
- NetBIOS, NetBEUI, NBT, CIFS, SSDP, WSDD filtering
- IP packet filtering
- DoS Protection

Management

- CLI(serial / Telnet)
- Dual OS
- Remote OS upgrade (FTP/ TFTP)
- Multiple configuration files
- Remote configuration upgrade (FTP/TFTP)
- Port/Protocol mirroring
- SNMP v1/v2
- RMON history
- Syslog
- TACACS+, RADIUS, SSH
- DHCP server, relay agent with option82
- Ethernet OAM
- Packet-based Time Synchronization(IEEE1588)

IPv6

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

Specifications

Memory

- RAM 512Mbyte
- FLASH 256Mbyte

Performance

- 88Gbps switching fabric, 65.4Mpps throughput
- 32K MAC address, 4K 802.1Q VLAN
- 8K L3 table(IPv4), 4K L3 table(IPv6)
- 12K LPM(IPv4), 6K LPM(IPv6)
- 1K multicast(L2)
- 4K multicast(L3/IPv4), 2K multicast(L3/IPv6)

Power

- Operating Power AC88V~264/ VAC47~63Hz Free Voltage
- Power Consumption 42.5Watts
- Operating Temperature 0°C ~50°C
- Operating Humidity 10 ~ 90%(Non-condensing)

Dimensions


- Dimension(W/H/D) 440mmx 45mm x 365mm
- Weight 4.5Kg

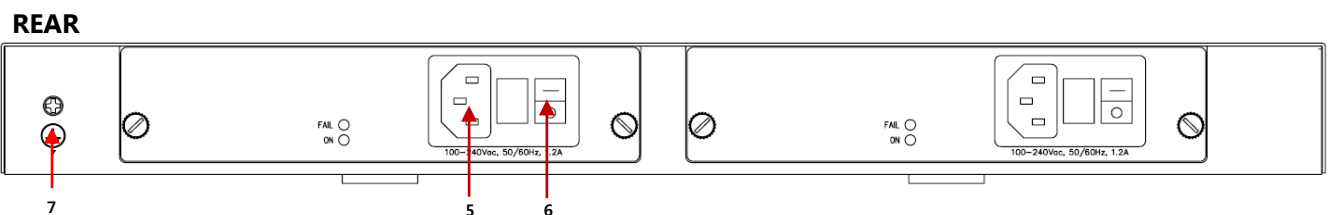
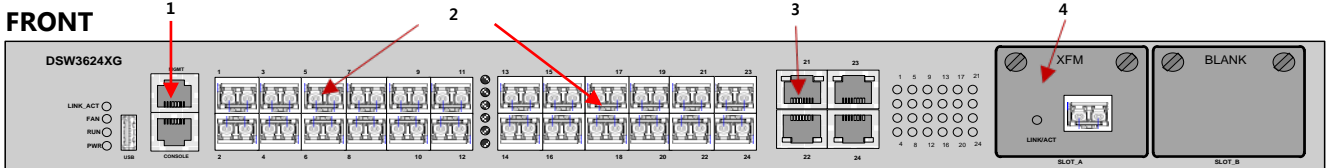
Warranty

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

Interface

- Downlink 24ports 1000Base-X, 100Base-Fx
4 ports 10/100/1000Base-Tx COMBO
- Uplink 2ports 10G Uplink module(SFP+)/Option
- MGMT port RS-232C(RJ-45)
- Console RS-232C(RJ-45)

Module	Type	Spec (Up link)	Part No.
	XFM	10G	



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

Ordering Information

Option (Up link Module)
- XFM: 10G

Contact Information

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