# DAYOU DSW2624G
## L2 Gigabit Ethernet Switch

## Overview

DAYOUNETWORKS DSW2624G is L2 Gigabit Ethernet Switch as the interface of the high-end, high-quality multimedia services.

DSW2624G Gigabit 24port (10/100/1000Base-Tx) uplink options, depending on your environment, and apply the G-PON Ethernet environments, and can be applied to the environment. Each uplink G-PON (ONU), 1000Base-X, 1000Base-TX, flexibly, so that you can use to build a variety of network can be configured in a network environment is a system that provides reliable and superior performance.



**DSW2624G**

## Network systems management

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

## Improved performance

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

## High Performance Network

DSW2624G as a high-performance network services supported by the Switch's Ethernet-based data, video, and voice services for optimal network environment.

## Key Features

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

### Multicast
- IGMP v1/v2
- IGMP snooping/IGMP static join/IGMP Join Limit
- Multicast Packet Filtering

### QoS
- Classification
  L2 : SRC/DST MAC, Ether type, 802.1p priority, VLAN ID
  L3 : SRC/DST IP, ToS, DSCP, IP Precedence
  L4 : SRC/DST TCP/UDP port, ICMP
- Mark/remark/policing
- Queue scheduling (SPQ, WRR,DRR)
- 8 queues per port
- Congestion management (RED)
- Traffic policing and shaping
- Rate limiting
- Traffic Control

### Security
- MAC flood Guard/Port Flood Guard
- MAC Filtering/MAC limit
- 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
- Port isolation

### 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

# DAYOU NETWORKS SWITCH SERIES

## Specifications

### Memory

- RAM                128Mbyte
- FLASH              128Mbyte

### Performance

- 56Gbps Switching fabric, 41.6Mpps Throughput
- 16K MAC address, 4K 802.1Q VLAN
- 4K Active VALN
- 1K Multicast group entry

### Power

- Operating Power        AC88V~264/ VAC47~63Hz
                         Free Voltage
- Power Consumption      34.5Watts
- Operating Temperature  -20℃ ~60℃ (-4 °F ~ 140 °F)
- Operating Humidity     10 ~ 90%(Non-condensing)

### Dimensions

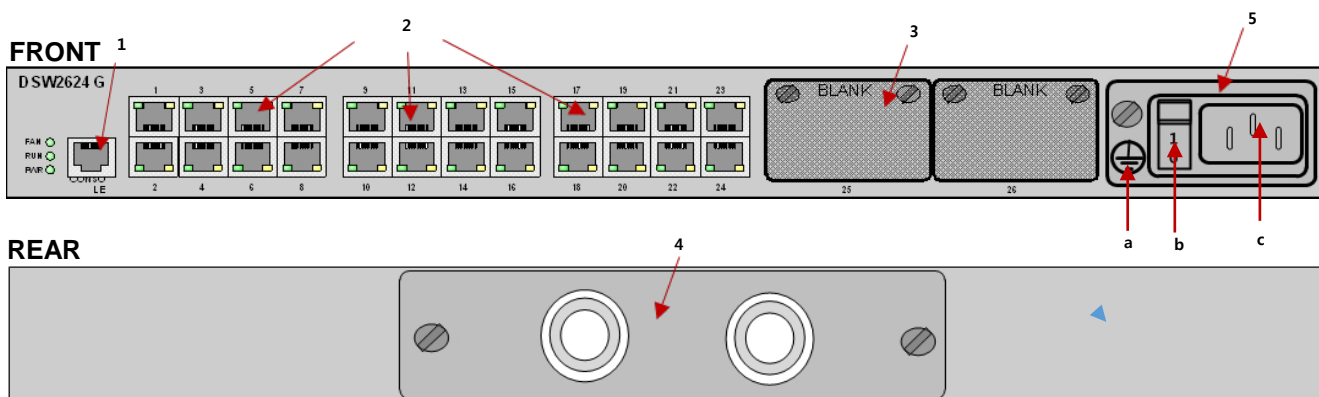- Dimension(W/H/D)       440mm x 45mm x 250mm
- Weight                 3.1Kg

### Warranty

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

### Interface

- Downlink          24 ports 10/100/1000Base-Tx
- Uplink(option)    2 ports 10/100/1000Base-Tx,
                    1000Base-X, G-PON
- Console           RS-232C, RJ-45

| Module | Type | Spec(Up link) | Part No. |
|--------|------|---------------|----------|
|  | GPM | G-PON | |
|  | GFM | 1000Base-X | |
|  | GEM | 10/100/1000Base-Tx | |



FRONT

REAR

1. RJ45 port of Console
2. 10/100/1000Base-T
3. 10/100/1000Base-TX , 1000Base-X, GPON (UP LINK CARD)
4. Fan module

5. PSU Module
   a : Earth Terminal
   b : Power Switch
   c : Electrical Power Input : AC Power 110 VAC ~ 220VAC Free Voltage

## Ordering Information

**Option** (Up link module)
- **GPM:** G-PON
- **GFM:** 1000Base-X
- **GEM:** 10/100/1000Base-Tx

## Contact Information

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