



## Overview

DAYOU NETWORKS DSW2708G-PH11 that comply with the IEEE 802.3af, 802.3at PoE (Power over Ethernet) switch to deliver both data and power to the IP device, such as IP telephones, wireless Access Point without the additional burden of power equipment for the availability of the network to increasing.

The DSW2708G-PH11 is 8port 10/100/1000base-T (RJ-45) PoE ports and four 100/1000Base-X (SFP) ports and Non-Blocking Switching Fabric Structure on all ports, Wire-Speed support. Also supports multicasting, QoS capabilities, enhanced security features and so on.



DSW2708G-PH11

## PoE(Power over Ethernet) Support

L2 Switch sub-stage of the configuration that can cope with the power to IEEE 802.3af, 802.3at PoE (Power over Ethernet) feature is supported by a new idea and can react more flexibly.

## Network systems management

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

## Improved performance

Non-blocking Switching fabric for high performance stable and 24Gbps switching capacity and up to speed packet processing 17.9Mpps support.

## 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

### PoE

- 802.3af, Class 0 ~ 3 (0.5W ~ 15.4W)
- 802.3at, Class 4 (15.4W ~ 30.0W)
- Power Management (Static/Dynamic Port Priority)
- Power scheduling
- PD Class Detection

# DAYOU NETWORKS SWITCH SERIES

## Specifications

### Memory

- RAM 128Mbyte
- FLASH 128Mbyte

### Interface

- Downlink 8ports 10/100/1000Base-TX(PoE Port)
- Uplink 4ports 100Base-Fx/1000Base-X(SFP)
- Console RS-232C(RJ-45)

### Performance

- 24Gbps Switching fabric, 17.9Mpps Throughput
- 16K MAC address
- 4K 802.1Q VLAN
- 1K Multicast group entry

### Power

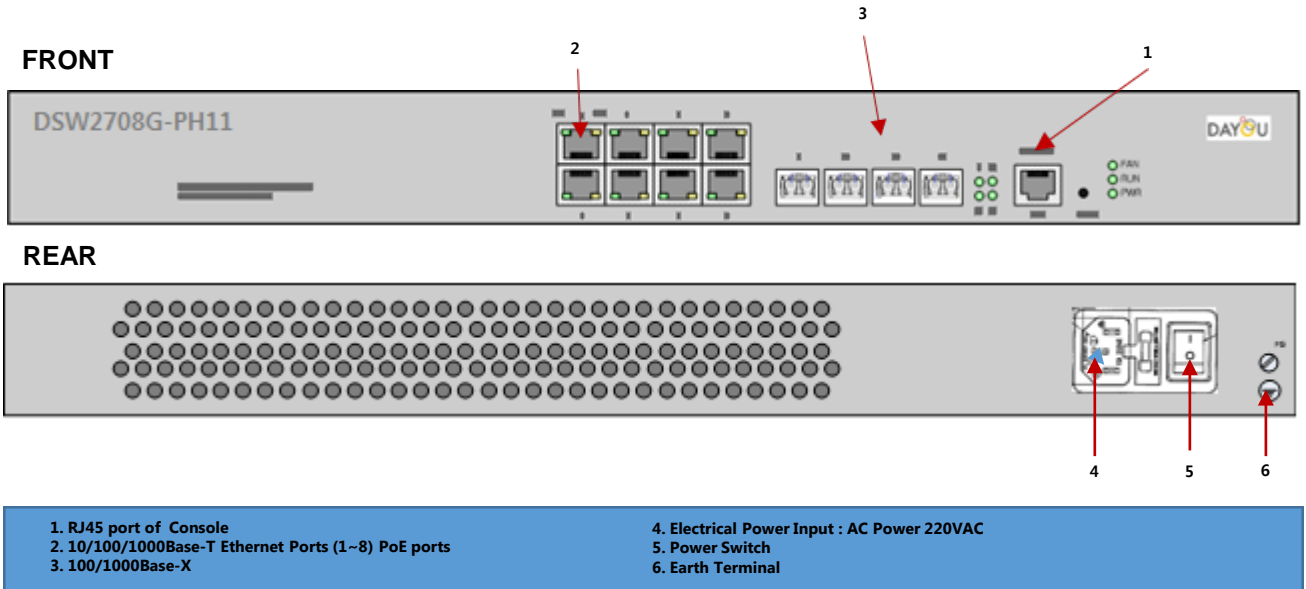
- Operating Power AC220V
- Power Consumption 100Watts
- Power Output (PoE) 70 Watts at 53V (Total)  
30.0 Watts (per Port MAX)
- Operating Temperature -20°C ~60°C(-4 °F ~ 140 °F)
- Operating Humidity 10 ~ 90%(Non-condensing)

### Dimensions

- Dimension(W/H/D) 440mm x 45mm x 270mm
- Weight 3.2Kg

### Warranty

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



## Ordering Information

## Contact Information

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