



Overview

DAYOU NETWORKS DSW2604G-PF10 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 DSW2604G-PF10 is 4port 10/100/1000base-T (RJ-45) PoE ports and two 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.



DSW2604G-PF10

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

Improved performance

Non-blocking Switching fabric for high performance stable and 12Gbps switching capacity and up to speed packet processing 8.9Mpps 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 64Mbyte

Interface

- Downlink 4ports 10/100/1000Base-TX(PoE Port)
- Uplink 2ports 1000Base-X(SFP)
- Console RS-232C(RJ-45)

Performance

- 12Gbps Switching fabric, 8.9Mpps Throughput
- 16K MAC address
- 4K 802.1Q VLAN
- 1K Multicast group entry

Power

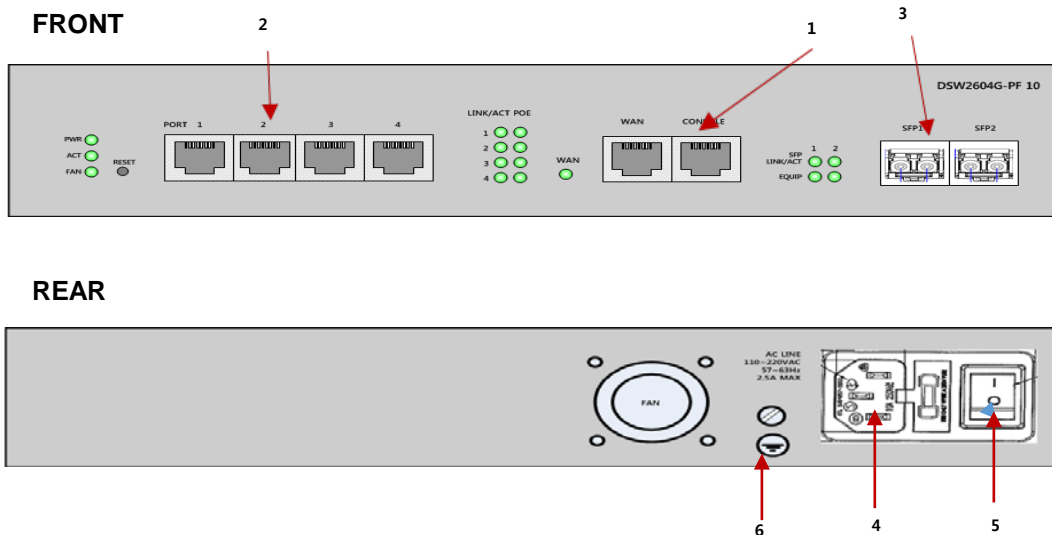
- Operating Power AC88V~264/ VAC47~63Hz Free Voltage
- Power Consumption 160Watts
- Power Output (PoE) 130 Watts at 53V (Total) 15.4/30.0 Watts (per Port)
- Operating Temperature -20℃ ~60℃ (-4 °F ~ 140 °F)
- Operating Humidity 10 ~ 90%(Non-condensing)

Dimensions

- Dimension(W/H/D) 240mm x 45mm x 220mm
- Weight 2.8Kg

Warranty

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



1. RJ45 port of Console
2. 10/100/1000Base-T Gigabit Ethernet Ports (1~4) PoE ports
3. 1000Base-X Ethernet (1~2) 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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