DIGISOL®

SWITCHING SOLUTIONS

INDIA'S OWN IT NETWORKING CHOICE

DIGISOL Gigabit Intelligent Switches

DG-GS2610HPE

3 YEARS WARRANTY*



Key Features:-

- Energy Efficient with Energy saving feature & Fan less design
- Advanced Security features including RADIUS & TACACS+ Authentication
- Supports Ethernet Ring Protection Switching (ERPS)
- Supports Multicast Features including MVR (Multicast VLAN Register)
- 19"Rack mountable (1U)
- High MTBF >50000Hours
- Supports power reduction with short cable

Introduction:-

DIGISOL DG-GS2610HPE is an Layer 3 lite Gigabit intelligent switch. It supports comprehensive QoS, enhanced VLAN functions (VLAN, Voice VLAN, QinQ, N: 1 VLAN Translation etc), Ethernet Ring Protection Protocol (G.8032), classified bandwidth control, intelligent security control, OAM (Operations, Administration and Maintenance), manageability functions and Triple-Play services. DG-GS2610HPE switches also offers green features like IEEE 802.3az (Energy Efficient Ethernet), Fan-less design feature, which can dramatically lower power consumption. DG-GS2610HPE, with full GE ports, integrates advanced management and security functions to provide performance and scalability.

Hardware Features

Item	DG-GS2610HPE
Ports	8x10/100/1000Base-T, 2x1G SFP Port, 1 Console Port
Performance	
Switching Capacity	20Gbps
Forwarding Rate	14.88Mpps
MAC address	8K
Jumbo Frame	9K
Flash (MB)	16
DRAM (MB)	128
Packet buffer	0.5MB
Queues Per Port	8
VLAN Table	4K
SVI	10
Physical	
Dimension (W×D×H)	280 x 180 x 44 mm
Power Input	100~240VAC, 50~60Hz
Temperature	Working -10°C~50°C, Storage -20°C~70°C
Relative Humidity	5%~95%,non-condensing
Heat Dissipation	Full load (PoE): 511.95BTU/h
PoE	IEEE 802.3af PoE (15.4W) , IEEE 802.3at PoE+ (30W) , PoE Budget: 140W

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Technical Specifications:-

MAIN FEATURES

Storage & Forwarding

VLAN:

- Port-based VLAN
- IEEE802.1Q
- Private VLAN
- Protocol VLAN
- Voice VLAN
- MAC VLAN
- Q-in-Q, Selective QinQ, Flexible QinQ
- VLAN Translation, N:1 VLAN Translation

DHCP:

- IPv4/ IPv6 DHCP Client
- IPv4/ IPv6 DHCP Relay Option 82, Option 17/38
- IPv4/ IPv6 DHCP Snooping
- IPv4/ IPv6 DHCP Server

Reliability

SPANNING TREE PROTOCOL:

- 802.1D Spanning Tree
- 802.1w Rapid Spanning Tree
- 802.1s Multiple Spanning Tree
- Root Guard
- BPDU Guard
- BPDU Forwarding

LACP:

- 8 groups / 8 ports

L2 Ring Protection

- ERPS, EAPS
- Loopback guard

L3 Features

- Static route
- RIP, OSPF
- 128 routing table
- IPv4/v6 dual stack
- DHCP Server/Client/Relay

Security Features

- IP ACL, MAC ACL, MAC-IP ACL
- Time Range ACL
- ACL on VLAN interface
- Storm Control based on packets & bytes
- Port Security, MAC Limit based on VLAN and Port
- Anti-ARP-Spoofing, Anti-ARP-Scan, ARP Binding
- ND Snooping
- Dynamic ARP Inspection (DAI)
- IEEE 802.1x
- Authentication, Authorization, Accounting
- Radius & TACACS+

Multicast

- IGMP Snooping (V1,v2,v3)
- IGMP Fast Leave
- MLD v1/ v2 Snooping
- MVR

QoS Features

- 8 Queue Per Port
- Bandwidth Control
- Flow Redirect
- Classification based on
  - ACL (Access Control List)
  - VLAN ID
  - COS
  - TOS
  - DSCP
  - Policy Based on Port & VLAN
  - Remark DSCP, COS/ 802.1p, Precedence, TOS
  - SP, SDWRR, DWRR for Scheduling
  - Match the IP fragmentation of message

Maintenance & Operation Management

- TFTP/FTP
- CLI, Telnet, Console
- Web/SSL (IPv4/IPv6)
- SSH (IPv4/IPv6)
- SNMPv1/v2c/v3
- SNMP Trap
- Public & Private MIB interface
- RMON 1,2,3,9
- Ping, Trace Route
- Radius Authentication
- Syslog (IPv4/IPv6)
- SNTP/NTP (IPv4/IPv6)
- Dual IMG, Multiple Configuration Files
- Port Mirror, RSPAN
- sFlow
- OAM
- ULDP (Like Cisco UDLD)
- LLDP/LLDP MED
- Virtual Cable Test utility
- ZTP (Zero Touch Provisioning)

Green Energy

- IEEE 802.3az (Energy Efficient Ethernet)
- FAN less

Rear View :



PoE HP | 1000 Mbps | IPV6

Ordering Information:-

DG-GS2610HPE: DIGISOL L3 Lite Gigabit Intelligent Ethernet PoE Switch with 8x10/100/1000Base-T and 2x1G SFP Port.

*Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

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