

DIGISOL 8 Port L3 Lite Managed 10G Switch

DG-GS2612EX-V2



Key Features:-

- 8x10/100/1000Mbps RJ-45 ports
- 4x10G SFP+ uplinks
- Energy Efficient
- Fan less design
- RADIUS & TACACS+ Authentication
- IPv4/v6 functionality
- Supports Dual AC Power Supply
- Ethernet Ring Protection Switching (ERPS)
- Multicast Features including MVR (Multicast VLAN Register)



Introduction:-

DIGISOL DG-GS2612EX-V2 switch is a L3 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-GS2612EX-V2 switch also offers green features like Fanless design feature, which can dramatically lower power consumption. This switch with full GE ports and 4 SFP+ uplink, it integrates advanced management and security functions to provide performance and scalability.

Versatile IPv6 Solutions

Supports the IPv6 protocol suite, IPv6 neighbor discovery, ICMPv6, Path MTU discovery, DHCPv6, MLD V1,MLD snooping IPv6 Static Routing, RIPng, OSPFv3, Manual tunnel, ISATAP tunnel, 6 to 4 tunnel, etc. Tools like Ping, Traceroute, Telnet, SSH, ACL help to meet IPv6 networks' equipment management.

Flexible and Convenient Management and Maintenance

Supports management modes such as the console port, Telnet, SSH, etc. For simple user friendly Graphical user interface, the switch supports the WEB management mode. It is an efficient way to make installation and debugging convenient. TFTP can be used to upload/download firmware / onfiguration file for management. The switch also supports ISSU (In-Service Software Upgrade).

Technical Specifications:-

Hardware Specifications:-

Item	DG-GS2612EX-V2
PORTS	8 x 10/100/1000Base-T + 4 x 10GE SFP, 1 RJ45 Console Port
PERFORMANCE	
Switching Capacity	96Gbps
Forwarding Rate	72Mpps
MAC address	16K
Jumbo Frame	9K
Packet buffer	1.5MB
Queues Per Port	8
VLAN Table	4K
PHYSICAL	
Dimension (WxDxH)	280x180x44
Power Supply	AC + AC (fixed, 100~240VAC, 50~60Hz)
Operating Temperature	Operating: 0°C~50°C, Storage -20°C~70°C
Relative Humidity	5%~95%, non-condensing

Technical Specifications:-

Item	DG-GS2612EX-V2
VLAN	4K Active VLAN, QinQ & Selective QinQ, GVRP, Private VLAN, Voice VLAN
SPANNING TREE	802.1D (STP), 802.1W (RSTP) and 802.1S (MSTP)
	BPDU guard, Root guard and loopback guard
MULTICAST	IGMP v1/v2/v3, IGMP Snooping, IGMP Fast Leave,
	MVR, IGMP filter, PIM-SM/SSM
DHCP	DHCP server/relay/client, DHCP snooping/option82
RELIABILITY	Static/LACP link aggregation,Interface backup
	EAPS and ERPS
	ISSU uninterrupted system upgrade, VSS, Upto 8 units per stack. VRRP, UDLD
IP	Static route, RIPv1/v2 and OSPF with OSPFv2, OSPF, IPv4/v6 dual stack
SECURITY FEATURES	Port isolation, Port security, and “IP+MAC+port” binding, MAC sticky
	DHCP Snooping and option 82, DAI & IP source guard, PPPoE+,
	IEEE 802.1x, Radius and TACACS+
	L2/L3/L4 ACL flow identification and filtration Anti-attack from DDoS, TCP's SYN Flood, UDP Flood, etc.
	Broadcast/multicast/unknown unicast storm-control
	MD5, SHA-256, RSA-1024, AES256, etc.
QoS FEATURES	CAR, HQoS, MAC/IP/TCP/UDP/VLAN/COS/DSCP/TOS based QoS, 802.1P/DSCP priority relabeling, SP, WRR, and “SP+WRR”, Tail-Drop, WRED, flow monitoring and traffic shaping
MANAGEMENT	Console, Telnet, SSH v1/2, HTTP, HTTPS, SNMP v1/v2/v3, RMON
	TFTP, FTP, SFTP, NTP, ZTP, SPAN, RSPAN, Dying gasp
ENVIRONMENT	Operating temperature/humidity: 0°C~50°C, 10%-90% non-condensing
	Storage temperature/humidity: -20°C -70°C, 5%-95% non-condensing
GREEN ENERGY	FAN less

Rear View:-



Ordering Information:-

DG-GS2612EX-V2: DIGISOL L2+ Managed Switch with 8*10/100/1000Base-T Ports and 4x10G SFP+ slots. Dual AC Power supply

*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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