DIGISOL®

SWITCHING SOLUTIONS

INDIA'S OWN IT NETWORKING CHOICE

DIGISOL 8 Port L3 Lite Managed Switch with 10 SFP+ Uplink

DG-GS2612EX

3 YEARS WARRANTY*

Key Features:-

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

Introduction:-

DIGISOL DG-GS2612EX 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 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, etc.
Supports Ping, Traceroute, Telnet, SSH, ACL and so like on the basis of IPv6, meeting IPv6 networks' equipment management

Flexible and Convenient Management and Maintenance
Supports management modes such as the console port, Telnet, SSH, etc.
Supports the WEB management mode, which is easy and efficient so that it makes installation and debugging convenient.
Supports TFTP-patterned file upload/download management.
Supports ISSU (In-Service Software Upgrade).

Technical Specifications:-

Hardware Specifications:-

Item	DG-GS2612EX
PORTS	8 x 10/100/1000Base-T + 4 x 10GE (SFP+), 1*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 (W×DxH)	280x180x44
Power Input	100~240VAC, 50~60Hz
Temperature Working	Operating: 0°C~50°C, Storage -20°C~70°C
Relative Humidity	10%~90%, non-condensing

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Technical Specifications:-

Item	DG-GS2612EX
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, OSPFv2, IPv4/v6 dual stack
IPV6	ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet, IPv6 neighbor discovery, Path MTU discovery
	MLD V1,MLD snooping IPv6 Static Routing, RIPng, OSPFv3
	Manual tunnel, ISATAP tunnel, 6 to 4 tunnel
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.
MULTICAST	IGMP Snooping (V1,v2,v3), IGMP Proxy, IGMP v3, MLD v1/ v2 Snooping
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
GREEN ENERGY	FAN less

Rear View:-

Ordering Information:-

DG-GS2612EX : DIGISOL L3 Lite Managed Switch with 8*10/100/1000Base-T Ports and 4x10G SFP+ slots. Single 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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