DIGISOL®

SWITCHING SOLUTIONS

INDIA'S OWN IT NETWORKING CHOICE

DIGISOL 12 Port L2 Managed 10G Switch

DG-GS2612FSE2

3 YEARS WARRANTY*



Key Features:-

- 2x10/100/1000Mbps RJ-45 ports
- 10x10G SFP+ uplinks
- Energy Efficient
- Two fixed Fans for cooling
- RADIUS &TACACS+Authentication
- IPv4/v6 functionality
- Ethernet Ring Protection Switching (ERPS)
- Multicast Features including MVR (Multicast VLAN Register)

Introduction:-

DIGISOL DG-GS2612FSE2 switch is a Layer 2 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. This switch with 2 GE ports and 10 SFP+ ports, 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-GS2612FSE2
PORTS	2 x 10/100/1000Base-T + 10 x 10GE SFP, 1 RJ45 Console Port
PERFORMANCE	
Switching Capacity	204Gbps
Forwarding Rate	152Mpps (151.78Mpps)
MAC address	32K
Jumbo Frame	9K
Flash	16MB
RAM	512MB
Packet buffer	2MB
Queues Per Port	8
VLAN Table	4K
PHYSICAL	
Dimension (W×DxH)	280x180x44
Power Input	100~240VAC, 50~60Hz
Temperature Working	0°C~50°C, Storage -20°C~70°C
Relative Humidity	5%~95%, non-condensing

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Technical Specifications:-

Item	DG-GS2612FSE2
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, 8 units per stack (Max upto 16)
	VRRP, UDLD
IP	Static route, RIPv1/v2, OSPFv2, BGP, 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: 0°C -50°C
	Operating humidity: 10%-90% non-condensing
	Storage temperature: -20°C -70°C
	Storage humidity: 5%-95% non-condensing

Rear View:-



Ordering Information:-

DG-GS2612FSE2: DIGISOL L2+ Managed Switch with 2*10/100/1000Base-T Ports and 10*10G 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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