

Digisol L3 Lite Multigig Switch

DG-MS2612EX



Key Features:-

- Energy Efficient with Energy saving feature & auto-adjusted fan units
- Advanced Security features including RADIUS & TACACS+ Authentication
- Supports L3 features (RIP, OSPF, BGP)
- Comprehensive IPv6 solutions
- Innovative VSS
- High reliability
- Supports Multicast Features including MVR (Multicast VLAN Register)



Introduction:-

DIGISOL DG-MS2612EX switch is a Lite L3 Multigig 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-MS2612EX switch also offers green features like auto-adjustable fan design feature, which can dramatically lower power consumption. This switch with 8-Port 2.5G/GE and 4-Port 10G/GE uplink, it integrates advanced management and security functions to provide performance and scalability.

Technical Specifications:-

HARDWARE FEATURES:

Item	DG-MS2612EX
Interface	8*2.5GE ports, 4*10G SFP+ ports
Console	1 RJ45 port
Switching Capacity	120Gbps
Forwarding rate (Mpps with 64 bytes)	90 Mpps
Chassis - Dimensions (WxDxH)(mm)	300x200x44
Package Dimensions (WxDxH)(mm)	576x448x94
Power Consumption (no load)	<35W
Default	AC: 100-240V, 50/60Hz
Total output BTU (1000BTU/H=293W)	1119.45
Noise@25°C (dBA)	45
MTBF(H)	>200,000
Forwarding mode	Store-forward
Flash (MB)	16
DRAM (MB)	512
MAC	32K
Buffer size (MB)	1.5
Jumbo frame	9K
Interface VLAN	63
Routing Table (IPv4/v6)	512/128
ARP Table (IPv4/v6)	2k/2k

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SWITCHING SOLUTIONS



Technical Specifications:-

MAIN FEATURES:

Item	DG-MS2612EX
MULTICAST	IGMP v1/v2c/v3
	IGMP Snooping, IGMP Fast Leave
	Multicast group policy and multicast number limit
	Multicast filtering
	MVR
	IGMP snooping in certain port and VLAN
	Support for transparent passing of multicast traffic without IGMP
	Snooping in certain Port and VLAN
	PIM-DM/SM/SSM
IPv4	Static routing, RIP v1/v2, OSPF, BGP
	Policy Based Routing (PBR)
	ECMP
	BFD for static routing, RIP, OSPF, BGP
DHCP	DHCP server, Client, Relay, Snooping
MPLS	MCE
IPv6	IPv4/v6 dual stack
	ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet
	IPv6 neighbor discovery
	Path MTU discovery
	MLD v1, MLD snooping
	IPv6 Static Routing, RIPng, OSPFv3, BGP4+
	Manual tunnel, ISATAP tunnel, 6-to-4 tunnel
QoS	Traffic classification of port/ L2~4 protocol headers/VLAN/ CoS/DSCP
	CAR traffic control
	802.1P/DSCP priority mapping and remark
	Multiple queuing algorithms such as SP, WRR or SP+WRR
	Tail-Drop, WRED
	Traffic supervision and traffic shaping
SECURITY	8 queues per port
	DDoS attack prevention, TCPSYN/ UDP/ARP Flood attack prevention
	IEEE 802.1x authentication, multiple-user authentication, Guest VLAN
	L2~L4 ACL
	Anti-DOS/IP spoofing/TCP/ping/ SYN/ICMP flood attacks
	Broadcast/multicast/unknown-unicast storm-control, Port isolation
	Port Security, MAC address limitation, IP+MAC+port binding
	DHCP Snooping, DHCP Option 82
	DAI (Dynamic ARP Inspection)
	IPSG (IP Source Guard)
	IEEE 802.1x certification
	MAC-based authentication
	AAA, Radius, TACACS+
	Multiple user privileges

Technical Specifications:-

MAIN FEATURES:

Item	DG-MS2612EX
RELIABILITY	Power 1+1 backup, 802.3ad Static/LACP link aggregation
	EAPS, .8032 ERPS, ISSU, VRRP
	GR for OSPF and BGP, BFD for OSPF and BGP
	BVSS Virtual Stacking System
MANAGEMENT	CLI: Console, Telnet, SSHv1/2
	Web-GUI: HTTP, HTTPS/SSL
	SNMP v1/v2c/v3, RMON, SNMP alarm/inform/traps
	Upload and download of FTP/TFTP/SFTP files
	Debugging
	Syslog for alarm/notification/ command/debug
	Web-GUI: HTTP, HTTPS/SSL
	NTP
	SPAN, RSPAN (1:1 and N:1 mirror)
	LLDP, LLDP-MED, sFLOW
	ZTP (Zero Touch Provisioning), Optical DDM
	Ethernet cable diagnosis
ENVIRONMENT	Operating temperature/humidity: 0°C-50°C, 10%-90% non-condensing
	Storage temperature/humidity: -20°C-70°C, 5%-95% non-condensing

Rear View :



Ordering Information:-

DG-MS2612EX: DIGISOL 8-Port 2.5G RJ45 + 4-Port 10G SFP+ L3- Managed Switch (built-in single AC-220V power supply; with cooling fan, 1U, standard 19-inch rack-mounted installation)

*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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