DIGISOL®
SWITCHING SOLUTIONS

INDIA'S OWN IT NETWORKING CHOICE

DIGISOL Full 10GE Ethernet L3 Managed Switch with 12 10GE SFP+ ports

DG-GS5620FSE

3 YEARS WARRANTY*



Key Features:-

- Supports 8GE Ports and 12 10GE SFP+ Ports
- Advanced Hardware Architecture
- Industry-leading Port Density
- Full Layer-3 Functions
- Varied Service Characteristics
- Versatile IPv6 Solution
- Complete Security Mechanism
- Aggregation Layer-3 Ethernet Switch
- Supports layer2 and layer3 multicast routing protocol
- Perfect security authentication mechanisms through IEEE 802.1x
- Perfect ring detection mechanisms
- Intelligent fan management system
- Intelligent power management: supports real-time monitoring the device and the slow-start
- Power saving (802.3az)

Introduction:-

DIGISOL DG-GS5620FSE is a new generation of aggregation 10GE switch in Digisol's managed switch category. It is targeted at the medium and large networks. It is developed on the basis of high performance hardware and software platform. It supports nonstop upgrade, continuous forwarding, graceful restarting and redundancy protection. It supports 8 GE ports and 12 10GE ports.

Technical Specifications:-

Specifications	DG-GS5620FSE
Interface	8GE TX ports, 12 10GE/GE SFP+ ports
Console	1 RJ45 port
Backplane	256Gbps
Forwarding rate	190.47Mpps
Chassis - Dimensions(WxDxH)(mm)	440x280x44
Chasis - weight	3.6
Package Dimensions(WxDxH)(mm)	576x448x94
Package - weight	4.8
Power consumption (no load)	< 35W
Power consumption (Full load)	50W
Power supply	Single AC, (optional for Dual Power)
Total output BTU (1000BTU/H=293W)	170.65

Specifications	DG-GS5620FSE
Fan number	2
Noise@25°C（dBA)	57
MTBF(H)	>100,000
Forwarding mode	Store-forward
Flash (MB)	16
DRAM (MB)	1024
MAC	32K
Buffer size(MB)	3
Jumbo frame	9K
Routing table IPv4	32K
Routing table IPv6	8K
ARP table IPv4	10K
ARP table IPv6	5K
Total SVI	1K

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Technical Specifications:-

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
- PIM-SM, PIM-DM
- IGMP v1/v2/v3, IGMP Snooping, IGMP Fast Leave
- MVR, IGMP filter

IPv4
- Static routing
- RIP v1/v2, OSPF, BGP, PBR, ECMP
- BFD for OSPF, BGP

IPv6
- ICMPv6, DHCPv6, ACLv6
- IPv6 Telnet
- IPv6 neighbor discovery
- Path MTU discovery
- MLD V1/V2, MLD snooping
- IPv6 Static Routing
- RIPng, OSPFv3, BGP4+
- Manual tunnel
- ISATAP tunnel 6 to 4 tunnel

MPLS
- LDP protocol, Multi-VRF
- MPLS L2 VPN

QoS
- CAR, HQoS
- MAC/IP/TCP/UDP/VLAN/COS/ DSCP/TOS based QoS
- 802.1P/ DSCP priority re-labeling
- SP, WRR, and SP+WRR
- Tail-Drop
- WRED
- flow monitoring and traffic shaping

Security
- Port isolation
- Port security and IP+MAC+port binding
- MAC sticky
- DHCP Snooping and option 82
- DAI & IP source guard
- IEEE 802.1x, Radius and BDTacacs+
- 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.

Reliability
- Static/LACP link aggregation, Interface backup
- VSS virtual-stacking
- EAPS and ERPS
- URPF, LLDP
- ISSU
- VRRP· 1+1 power backup

Management
- Console, Telnet, SSH v1/2, HTTP, HTTPS
- SNMP v1/v2/v3, RMON
- TFTP, FTP, SFTP
- NTP, SPAN, RSPAN
- sFlow

Accessories
- Power cord
- Rackmount kits
- Console cable

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

Ordering Information:-

DG-GS5620FSE: DIGISOL Full 10GE Ethernet Routing Switch with 12 10GE SFP+ ports and 8 GE ports, AC220V single power supply; the cooling fan, 1U, 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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