



DIGISOL®

SWITCHING SOLUTIONS

DIGISOL L3 Dual Stack Intelligent Switch

DG-GS5638FSE



Key Features:-

- Energy Efficient with Energy saving feature
- Auto-adjusted fan units
- Advanced Security features including RADIUS & TACACS+ Authentication
- Varied Service Characteristics
- Versatile IPv6 Solution
- Supports L3 features (RIP, OSPF, BGP)
- Supports Multicast Features including MVR (Multicast VLAN Register)



Introduction:-

DIGISOL DG-GS5638FSE is a next generation aggregation 10GE switch. It is targeted at medium to large networks like government and enterprise networks, Internet cafe and disk-less working environment. It is developed on the basis of high-performance hardware and a software platform. It supports functions such as powerful ACL, flexible QinQ, 1:1 or N:1 VLAN switching, Ethernet OAM, QoS and industry level 10GE Ether-ring, ensuring this switch meets the application requirements in all kinds of complicated sites. It also supports layer-3 routing protocol.

Technical Specifications:-

HARDWARE FEATURES:

Item	DG-GS5638FSE
Ports	24x GE SFP Ports
	8x GE TX Ports
	6x 10GE/GE SFP+ Ports
	1x Console Port
Performance	
Switching Capacity	216Gbps
Forwarding Rate	138Mpps
MAC Ad-dress	32K
Jumbo Frame	9K
ARP Table	16K
Routing Table	32K
ACL Table	1K
L3 Inter-face	Max 1K
Physical	
Dimension(WxDxH)	440mmx 350mm x 44mm
Power Supply	AC: 100V~240V (Hot Swap)
Power Input	100~240VAC, 50~60Hz
Temperature Working	0°C~50°C, Storage -20°C~70°C
Relative Humidity	5%~90% non-condensing, Storage 95%



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Technical Specifications:-

Item	DG-GS5638FSE
MAIN FEATURES	STORAGE AND FORWARDING
	VLAN
	4K Active VLAN,
	QinQ & Selective QinQ,
	GVRP,
	Voice-VLAN
DHCP	DHCP server/relay/client
	DHCP snooping/option82
SPANNING TREE PROTOCOL	802.1D (STP),
	802.1W (RSTP) and 802.1S (MSTP)
	BPDU guard, root guard and loopback guard
SECURITY FEATURES	Port isolation, Port security, and "IP+MAC+port" binding
	MAC sticky, DAI & IP source guard, PPPoE+
	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.
MULTICAST	PIM-SM, PIM-DM, IGMP v1/v2/v3,
	IGMP Snooping, IGMP Fast Leave,
	MVR, IGMP filter
QOS FEATURES	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
IPv4	Static routing, RIP v1/v2, OSPF, BGP, PBR, ECMP
	BFD for OSPF, BGP
IPv6	MLD V1/V2, MLD snooping
	IPv6 Static Routing, RIPng, OSPFv3, BGP4+
	Manual tunnel, ISATAP tunnel, 6 to 4 Tunnel
	ICMPv6, DHCPv6, ACLv6 and IPv6
	Telnet
	IPv6 neighbor discovery, Path MTU Discovery
RELIABILITY	Static/LACP link aggregation, Interface backup
	BVSS virtual-stacking
	EAPS and ERPS
	URPF, LLDP
	ISSU
	VRRP
	1+1 power backup



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Technical Specifications:-

Item	DG-GS5638FSE
MAINTENANCE AND OPERATION MANAGEMENT	Console, Telnet, SSH v1/2, HTTP, HTTPS
	SNMP v1/v2/v3, RMON
	TFTP, FTP, SFTP
	NTP, SPAN, RSPAN
	sFlow

Rear View :



Ordering Information:-

DG-GS5638FSE: DIGISOL Ethernet routing switch with 24 100/1000M SFP ports, 8 GE TX ports, 6 10GE/GE SFP+ ports; 2 power slots with 1 hot-swap AC220V power supply; the 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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