DIGISOL

SWITCHING SOLUTIONS

1st INDIAN BRAND IN IT NETWORKING

DIGISOL 10GE L3 Ethernet Switch

DG-GS2628SE2

3 YEARS WARRANTY*

Key Features:-

- Supports 24 GE TX Ports with 4 10GE SFP+ Ports
- Advanced Hardware Architecture and Industry-leading Port Density
- Layer-3 Routing Functions
- Versatile IPv6 Solution
- Complete Security Mechanism
- Innovative Virtual Cluster Switching Technique
- Industrial Ethernet Ring with Zero Delay and Zero Packet Loss
- Versatile IPv6 Solutions
- Supports multiple queue schedule algorithms
- Supports the IPv6 protocol suite
- Supports perfect security authentication mechanisms
- Supports a perfect ring detection mechanism to ensure the long-term stable running of network

Introduction:-

DIGISOL DG-GS2628SE2 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:-

Specifications	DG-GS2628SE2
Interface	24GE TX ports, 4 10GE/GE SFP+ ports
Console	1 RJ45 port
Backplane	128Gbps
Forwarding rate (Mpps with 64 bytes)	96 Mpps
Chassis - Dimensions (WxDxH)(mm)	440x180x44
Chassis - weight (kg) (empty)	2.6
Package Dimensions (WxDxH)(mm)	500x320x80
Package - weight (kg)	3.9
Power consumption (no load)	< 22W
Power consumption (Full load)	35W
Power supply: Default : AC: 100-240V	45W

Specifications	DG-GS2628SE2
Total output BTU (1000BTU/H=293W)	170.65
Noise@25°C（dBA）	0
MTBF(H)	>200,000
Forwarding mode	Store-forward
Flash (MB)	16
DRAM (MB)	256
MAC	16K
Buffer size(MB)	1.5
Jumbo frame	9K
Interface VLAN	64
Routing entries (IPv4/v6)	505/131

Technical Specifications:-

VLAN
- 4K Active VLAN
- QinQ & Selective QinQ
- GVRP
- Private VLAN
- Voice-VLAN
  Spanning Tree:
- 802.1D (STP), 802.1W (RSTP), 802.1Q(PVST+) and 802.1S (MSTP)
- BPDU guard, Root guard and Loopback guard

Multicast
- IGMP v1/v2/v3
- IGMP Snooping
- IGMP Fast Leave
- MVR, IGMP filter

IP
- Static route
- RIP, OSPF, Ipv4 Dual stack

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

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
- DAI & IP source guard (IPv4)
- IEEE 802.1x, AAA 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
- BMD5, SHA-256, RSA-1024, AES256, etc.

DHCP
- DHCP server/relay/client
- DHCP snooping/option82

Reliability
- Static/LACP link aggregation, Interface backup
- EAPS and ERPS
- ISSU Uninterrupted system upgrade
- Upto 4 Units per stack
- VRRP
- UDLD

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

Accessories
- Power cord
- Rack mounting kits
- Console cable

Environment
- Operating temperature: 0°C -50°C
- Operating humidity: 10%-90% non-condensing
- Storage temperature: -20°C to -70°C
- Storage humidity: 5%-95% non-condensing

Ordering Information:-

DG-GS2628SE2: DIGISOL Ethernet Layer-3 lite switch with 24 GE and 4 10GE SFP+ ports, 100 to 240 VAC input, 60 HZ , fan-less, 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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