

## DIGISOL L3 Lite Multigig Switches

### DG-MS2630SE2-V2



#### Key Features:-

- Energy Efficient with Energy saving feature & auto-adjusted fan units
- Dual AC Power supplies
- Supports L3 features (RIP, OSPF, BGP)
- Comprehensive IPv6 solutions
- Innovative VSS (Virtual Stacking System)
- High reliability
- Supports Multicast Features including MVR (Multicast VLAN Register)



#### Introduction:-

**DIGISOL** DG-MS2630SE2-V2 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-MS2630SE2-V2 switch also offers green features like auto-adjustable fan design feature, which can dramatically lower power consumption. This switch with 24-Port 2.5G/GE and 6-Port 10G/GE uplink, it integrates advanced management and security functions to provide performance and scalability.

#### Technical Specifications:-

##### HARDWARE FEATURES:

| Item                                  | DG-MS2630SE2-V2                  |
|---------------------------------------|----------------------------------|
| Interface                             | 24*2.5GE ports, 6*10G SFP+ ports |
| Console                               | 1 RJ45 port                      |
| Switching Capacity                    | 240Gbps                          |
| Forwarding rate (Mpps with 64 bytes)  | 180 Mpps                         |
| Chassis - Dimensions (WxDxH)(mm)      | 440x280x44                       |
| Package Dimensions (WxDxH)(mm)        | 576x448x94                       |
| Power Consumption (min. when no load) | <48                              |
| Power supply type                     | AC+AC: 100-240V, 50/60Hz         |
| Total output BTU (1000BTU/H=293W)     | 163.82                           |
| Noise@25°C (dBA)                      | 45                               |
| MTBF(H)                               | >200,000                         |
| Forwarding mode                       | Store-forward                    |
| Flash (MB)                            | 16                               |
| DRAM (MB)                             | 512                              |
| MAC                                   | 32K                              |
| Buffer size (MB)                      | 2                                |
| Jumbo frame                           | 9K                               |
| Interface VLAN                        | 1K                               |
| Routing Table (IPv4/v6)               | 12K/4K                           |
| ARP Table (IPv4/v6)                   | 12k/2k                           |

# DIGISOL

## SWITCHING SOLUTIONS



### Technical Specifications:-

#### MAIN FEATURES:

| Item                     | DG-MS2630SE2-V2  |
|--------------------------|--|
| 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  |
|                          | 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                                 |
| IPv6                     | IPv4/v6 dual stack   |
|                          | ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet                                |
|                          | IPv6 neighbor discovery  |
|                          | Path MTU discovery   |
|                          | MLD snooping v1, v2  |
|                          | 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-MS2630SE2-V2  |
|-------------|--|
| RELIABILITY | 802.3ad Static/LACP link aggregation                             |
|             | EAPS, .8032 ERPS, ISSU, VRRP                                     |
|             | GR for OSPF and BGP, BFD for OSPF and BGP                        |
|             | VSS (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-MS2630SE2-V2:** DIGISOL 24-Port 2.5G RJ45 + 6-Port 10G SFP+ L3 lite Managed Switch (built-in dual 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.

DIGISOL Logos are trademarks and/or registered trademarks of DIGISOL SYSTEMS LIMITED. Other trademarks, product, service and company names mentioned are the property of their respective owners. Information is subject to change without notice. The actual product appearance may differ from the one shown here. © 2024 DIGISOL SYSTEMS LIMITED. All rights reserved.

DIGISOL is a Subsidiary of Smartlink Holdings Limited

DIGISOL SYSTEMS LIMITED  
CITIPOINT, 7th Floor,  
Unit No. B-701, B-702 & B-703,  
Andheri-Kurla Road, J. B. Nagar,  
Andheri (East),  
Mumbai - 400059, INDIA

1800-209-3444  
www.digisol.com  
helpdesk@digisol.com

@DIGISOLINDIA