DIGISOL 24 Port Gigabit Ethernet Layer 2 Web managed Switch with 4 Gigabit SFP Ports

DG-GS1528

3 YEARS WARRANTY*

Key Features:-

- 24 X 10/100/1000Base-Tx + Gigabit 4 SFP Ports
- STP / RSTP / MSTP
- Loop detection
- IGMP Snooping
- SNMP
- IPv6 Supported
- Quality of Service (QoS)

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Introduction:-

DIGISOL DG-GS1528 is a Lite-Managed switching product. It is a intelligent network manageable switch designed for network environments that require high performance, high port density and easy for installation. It provides 24 Gigabit Ethernet and 4 SFP Giga. It supports VLAN, Port Mirroring and Port Trunking.

Performance and Scalability

It's a great entry level managed switch with 56 Gbps switching capacity. Wire-speed switching performance helps to take full advantage of existing high-performance on PCs and laptops by significantly improving the responsiveness of applications and file transfer times. The device also has Four Gigabit SFP ports for high speed uplinks to servers or backbones.

Continuous Availability

IEEE 802.1w Rapid Spanning Tree Protocol provides a loopfree network and redundant links to the core network with rapid convergence, to ensure faster recovery from failed links, enhancing overall network stability and reliability. IEEE802.3ad Link Aggregation Control Protocol (LACP) increases bandwidth by automatically aggregating several physical links together as a logical trunk and providing load balancing and fault tolerance for uplink connections.

Comprehensive QoS

Traffic is prioritized according to 802.1p giving optimal performance to real time applications such as voice and video.

Enhanced Security

Port Security ensures access to switch ports based on MAC address. Thus limiting the total number of devices from using a switch port and protects against MAC flooding attacks.

Simplified Management

User friendly web interface facilitates ease of management. It also supports to be managed and controlled by network station.

DIGISOL

SWITCHING SOLUTIONS

1st INDIAN BRAND IN IT NETWORKING

Technical Specifications:–

Physical Port
- 24 10/100/1000 Base-T Ethernet Ports
- 4 Gigabit SFP Ports

Performance
- Switching Capability: 56Gbps
- MAC Address Table: 8K
- Memory Per Unit: 2.4MB
- Jumbo Frame: 10K

L2 Features
- Auto-negotiation for port speed and duplex mode
- Spanning Tree Protocol
  - Support STP / RSTP / MSTP (max 16 instance)
  - Loopback Detection
  - BPDU Filter
  - BPDU Guard
- IGMP v1/v2/v3 Snooping: IGMP Querier IGMP Proxy MVR
- VLANs
  - 256 IEEE 802.1q tag based VLAN with 4K vlan ID
  - Port Isolation (Multi-to-one)
  - Port Based VLAN
  - MAC Based VLAN
  - Voice VLAN
  - Guest VLAN

Link Aggregation
- Link Aggregation
  - LACP: 8 Groups, 8 Ports/Group
  - Static Trunk

QoS Features
- Queueing Mechanism: SP and WRR
- Classifications based on
  - COS
  - COS DSCP
  - IP Precendence
- Each port supports 8 queues
- LLDP
- Rate Limit (Port Based)
- Flow Control

Security
- Mac address Binding
- Support Broadcast storm control
- IP and MAC ACL
- RADIUS, AAA
- Port Security, Protected Port
- DOS
- DHCP Snooping, IP Source Guard

Management
- Port Mirroring
- Support traffic statistics
- Provide IPv4 Web-based management
- Configuration Backup and Recovery
- Management VLAN
- SNMP v1/v2c/v3
- Telnet, SSH, HHTPS

- RMON, SNTP
- Ping, Traceroute
- Dual Firmware Image
- UDLD, EEE

Power Supply
- AC Power: 100 to 240 V, 50-60 Hz
- Input Surge Protector

Standards
- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z, IEEE 802.3x
- ANSI/IEEE 802.3 Nway

Environmental Specifications
- Temperature : 0°C~45°C (Standard Operating) 40°C to 70°C (Non-Operating)
- Humidity: 10% to 95% (Non-condensing)

Mechanical
- Dimensions (WxDxH): 441mm x 198mm x 44mm
- LED Indicators: Power, Link/Act
- Hardware Factory Reset button

Optional Accessories:–

DG-SA1030: DIGISOL 1000Base-SX SFP Transceiver LC Type
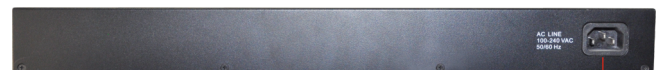DG-SA1133-20: DIGISOL 1000Base-LX SFP Transceiver LC Type

Ordering Information:–

DG-GS1528: DIGISOL 24 10/100/1000Mbps Web Managed Switch with 4 Gigabit SFP Ports

Power Connector

*Made In India products are available in specific part codes, please contact Digisol Sales Representative / Authorised Distributor for delivery schedule.