TRUSTED MADE IN INDIA BRAND

Manufacturing Since 1986

DIGISOL 8 Port Web Managed Gigabit Ethernet PoE Switch + 4 Combo Ports

DG-GS1512HP

3 YEARS WARRANTY*

Key Features:-

- Supports up to 8 10/100/1000Mbps Gigabit Ethernet PoE ports and 4 SFP slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports PoE up to 30W per port with 140W total power budget
- IEEE 802.1Q VLAN, Access Control List (ACL)
- Switch capacity: DG-GS1512HP: 24Gbps, Forwarding rate: 17.86Mpps
- Supports IGMP Snooping V1 / V2 / V3
- 8K MAC address table and 10K jumbo frames
- 19-inch rack-mountable metal case

Introduction:-

DIGISOL DG-GS1512HP is a Web Managed switching product. It is an intelligent network manageable switch designed for network environments that require high performance, high port density and easy for installation. It provides 8 Gigabit Ethernet PoE ports and 4 Giga combo ports. It supports VLAN, Port Mirroring and Port Trunking.

Performance and Scalability

It's a great L2 Web managed switch with 24 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.

Datasheet Updated: 6th March 2023

Manufacturing Since 1986

Technical Specifications:-

Physical Port
- 8 10/100/1000 Base-T Ethernet PoE Ports
- 4 Gigabit Combo (RJ-45/SFP) Ports
- Reset Button: reset to default setting, re-start system

Performance
- Switching Capability: 24Gbps
- MAC Address Table: 8K
- PoE Power Budget: 140W
- Packet buffer size: 4.1MB
- 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
- LLDP
- IGMP v2/v3 Snooping: IGMP Querier, Immediate Leave
- MVR
- VLANs
  - 256 IEEE 802.1q tag based VLAN with 4K VLAN ID
  - MAC Based VLAN, Voice VLAN, Guest VLAN, Management VLAN
- 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
- Rate Limit (Port Based): Ingress/ Egress Port
- Flow Control

Security
- MAC address Binding
- Support Broadcast/Multicast/Unicast storm control
- IP and MAC ACL (Ipv4)
- RADIUS, 802.1x based Authentication
- Port Security, Protected Port
- DOS • Management ACL
- DHCP Snooping, DHCP Snooping option 82, IP Source Guard, IP-MAC-Port-VLAN Binding

Management
- Port Mirroring
- Support traffic statistics
- Provide IPv4 Web-based management
- IPv4 DHCP Client
- Configuration Backup and Recovery
- Dual firmware images and Configuration files
- Error Disabled, Bandwidth Utilization

- SNMP v1/v2c/v3 • Remote Server
- Telnet, SSH, HTTP, HHTPS
- RMON, SNTP
- Ping, Traceroute
- EEE, Port Statistics

Power Supply
- AC Power: 100 to 240 V, 50-60 Hz
- Input Surge Protector
- PoE: 140W

Standards
- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3az IEEE
- IEEE 802.3at & IEEE 802.3af

Environmental Specifications
- Temperature : Operating: 0°C ~ 40°C Storage: -40°C ~ 70°C
- Humidity: Operating: 10% ~ 90% RH (Non-condensing) Storage: 5% ~ 90% RH (Non-condensing)

Mechanical
- Dimensions (WxDxH): 330mm x 230mm x 44mm
- LED Indicators: Power, Link/Act
- Hardware Factory Reset button

Optional Accessories:-

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

10/100/1000 Mbps | Full Duplex | Auto MDIX | PoE | High Power

Ordering Information:-

DG-GS1512HP: DIGISOL 8 10/100/1000Mbps Web Managed Gigabit Ethernet PoE Switch + 4 Combo Ports

*Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

AC LINE
100-240 VAC
50/60 Hz

Power Connector

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