



DIGISOL™

SWITCHING SOLUTIONS

DIGISOL L2 Managed Gigabit Ethernet PoE Switch

DG-GS1510HPEV2

Key Features:-

- Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab
- Provides 8 10/100/1000 Base-TX ports and 2 1000Base-X SFP ports
- High back-plane bandwidth 20Gbps
- Support standard IP/ Extend IP / MAC IP / ARP ACL
- IGMP snooping and IGMP Query mode for Multi-media application
- Port mirror and bandwidth control
- Supports GVRP function
- IEEE802.3x Flow control
- Support Port Based VLAN / 802.1Q Tag VLAN
- Support IEEE802.3ad Port trunk with LACP
- Support Spanning tree protocol IEEE 802.1d
- Supports IEEE 802.1p class of service
- Support IEEE 802.1x user authentication
- Support Broadcast storm filter
- Support DHCP server and client
- Support System event log
- Support command line interface management
- Management by Web/SNMP/Telnet/Console
- Support IEEE802.3af and 802.3at



Introduction:-

DIGISOL The DG-GS1510HPEV2 is a next generation Ethernet intelligent access switch. It is mainly deployed on the IP MAN and Lans, meeting requirements the requirements of carrying various Ethernet services and accessing the Ethernet. It also provide the PoE function for powering of wireless LAN (WAN) access points, IP security cameras, VoIP telephone and other low port density installations. The DG-GS1510HPEV2 is a rack mount unit. It provides 8 10/100/1000Base-TX ports and 2 1000Base-XSFP ports.

Technical Specifications:-

Summarize

- Fixed port
 - 8 10/100/1000Base-TX ports
 - 2 1000Base-X SFP ports
 - 1 Console port
- LED Indicators
 - PWR, PoE, 1000M and Link/Act LED
- Input voltage
 - 100V~240V AC, 50/60Hz
- PoE Power : 130W
- Operating temperature : 0°C~40°C
- Storage temperature : -10°C~70°C
- Relative humidity
 - 20%~85% (non-condensing)

Layer 2 Switching

- Switching capacity : 20G
- MAC address table
 - 8K, Support MAC address table management
- MAC Address Binding Support
- MAC Address Filtering Support
- MAC Address Learning control
 - Control number of port-based MAC address learning
- Jumbo Frame
 - Jumbo packets up to 10K bytes
- Port Feature
 - Port Control

- Port Isolation
 - Port Self-loop Detection
- Port Mirroring Support
- VLAN
 - 4K 802.1q VLANs, Support Ingress filter
- Link Aggregation
 - Up to 8 maximum aggregation groups, each containing up to 8 GE ports
- Traffic control
 - IEEE 802.3x full-duplex flow control
- Rate Limit
 - Unit: 64kbps



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Technical Specifications:-

- Spanning Tree
 - IEEE 802.1d Spanning Tree Protocol (STP)
 - IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
 - IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
- Ring Protocol
 - Support EAPS
- Multicast
 - Support 256 Multicast groups
 - Support IGMP Snooping

Layer 3 Switching

- Static Routing Supported*
- L3 VLAN interface
 - Up to 32 L3 VLAN Interface*

Convergence

- QoS
 - 4 output queues on each port
 - Support flexible queue scheduling algorithms: WRR, Q+WRR
 - Support port-based / MAC-based / 802.1p / DSCP classification

Security

- ACL
 - Support Standard IP / Extend IP / MAC IP / ARP
 - Support 512 entries
- Security Features
 - Support MAC-based 802.1X authentication
 - Support AAA/RADIUS authentication
 - Support WEB/Telnet password protection
 - Support Accessing privilege mode password protection
- Self-protection
 - Support CPU Self-protection

Management

- CLI
 - Support CLI (Command Line Interface) configuration mode
- Console
 - Support Configuration via the console port
- Telnet
 - Support Local/remote configuration via Telnet

- WEB
 - Support WEB management system
- SNMP
 - Support System configuration with SNMP v1/v2/v3
- User Management
 - Support Multi-user management.
- System Log Support
- Configuration File Download/Upload
 - Support Download/Upload configuration File via WEB/TFTP
- Upgrade Firmware
 - Support Upgrade Firmware via WEB/TFTP/Console

Debug

- PING Support
- TRACEROUTE Support
- Telnet client Support
- Process View Support

Dimensions

- 330mm x 200mm x 44mm

Warranty

- DIGICARE Limited Lifetime Warranty



Ordering Information:-

DG-GS1510HPEV2: DIGISOL 8G+2SFP Managed Gigabit PoE Switch

*Limited Lifetime 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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Power Connector

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