DIGISOL®

DIGISOL 8 Port Gigabit Ethernet Smart Managed PoE Switch with 2 Giga SFP Ports

DG-GS1510PL

3 YEARS WARRANTY*

Key Features:-

- Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab
- Provides 8 10/100/1000 Base-TX ports and 8 1000 Base-X SFP ports
- High back-plane bandwidth 20Gbps
- Support standard IP/ Extend IP / MAC IP / ARP ACL
- IGMP snooping and IGMP Query mode for Multimedia application
- Port mirror and bandwidth control
- IEEE802.3x Full-Duplex Flow control
- Support Port Based VLAN / 802.1Q Tag VLAN
- IEEE802.3ab Link aggregation
- Support IEEE802.3ad Port trunk with LACP
- Support Spanning tree protocol IEEE 802.1d
- Supports IEEE 802.1p class of service
- Support Broadcast storm filter
- Support System event log
- Support IEEE802.3af and 802.3at
- Supports 6Kv input Surge protection
- Compact and Fan-less design

Introduction:-

DIGISOL DG-GS1510PL is an ethernet access switch in LAN networks. It also provides PoE function for powering of LAN devices like wireless access points, IP security cameras, VoIP telephone and other low cost density intallations. The switch can be mounted in many small spaces, on a wall or in a rack. It provides 8 10/100/ 1000Base-TX ports and 2 1000Base-X SFP ports.

Technical Specifications:-

Summarize
- Fixed port
  8 10/100/1000Base-TX ports
  2 1000Base-X SFP ports
- LED Indicators
  PWR, PoE, 1000M and Link/Act LED
- Input voltage
  100V~240V AC, 50/60Hz
- PoE Power : 75W
- Operating temperature : 0°C~40°C
- Storage temperature : -10°C~70°C
- Relative humidity
  20%~85% (non-condensing)

- 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
- Support Broadcast Storm Filter
- Multicast
  Support 256 Multicast groups
  Support IGMP Snooping

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

Technical Specifications:-

- Port Feature
  Port Control
  Port Isolation
  Port Self-loop Detection
- Port Mirroring Support
- VLAN
  4K Port-base & 802.1q Tag-base VLANs
  VLAN Based on Protocol Support
  IP-Based /MAC-Based VLAN
  Voice VLAN
  VLAN Mapping : Support 1:1 mapping
  Support basic QinQ VLAN
- Link Aggregation
  Up to 8 maximum aggregation groups, each containing up to 4 GE ports
- Traffic control
  IEEE 802.3x full-duplex flow control
- Rate Limit
  Unit: 64kbps

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
- WEB
  Support WEB management system
- Telnet
  Support Local/remote configuration via Telnet
- 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
- Upgrade Firmware
  Support Upgrade Firmware via WEB

Debug
- PING Support
- TRACEROUTE Support
- Telnet client Support

Dimensions
- 240mm x 104mm x 29mm

Warranty
- DIGICARE Limited Lifetime Warranty

PoE | 10/100/1000 Mbps | Auto MDIX | Full Duplex | VLAN

Ordering Information:-

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Power Connector

DIGISOL is a Subsidiary of Smartlink Holdings Limited