Networking Solutions

Performance and Scalability

It's a great entry level managed switch with 5.6Gbps 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 two Combo Gigabit (RJ45/SFP) ports for uplink flexibility, allowing copper or fiber uplinks port 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. Asymmetric bidirectional ratelimiting per port preserves network bandwidth and allowing maximum control of network resources.

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 SNMP to be managed and controlled by SNMP network station.

8 Port Fast Ethernet Lite Managed PoE+ Switch with 2 Gigabit Combo Ports

DG-FS1510HPE

DIGISOL DG-FS1526HPE 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 8 10/100Mbps Fast Ethernet PoE+ Ports and 2 Combo GE ports (RJ-45/SFP). It supports VLAN, SNMPv1, Port Mirroring and Port Trunking.

Product Key Features

- Non-blocking Performance
- IGMP Snooping
- Broadcast Storm Control
- SNMP Support

DG-FS1510HPE

Technical Specifications

DIGISOL™
Networking Solutions

Physical Port
- 8 10/100 Base-T Ethernet Ports
- 2 Gigabit Combo Ports (RJ-45/ SFP)

Performance
- Switching Capability: 5.6Gbps
- Packet Buffer: 2.75Mb
- MAC Address Table: 4K
- PoE Power Budget: 140W

L2 Features
- Auto-negotiation for port speed and duplex mode
- Spanning Tree Protocol
  - Support STP/RSTP
  - Loopback Detection
- IGMP Snooping
- VLANs
  - 32 IEEE 802.1q tag based VLAN with 4K vlan ID
  - 26 Port Based VLAN
  - Port Isolation (Multi-to-one)
- Link Aggregation
  Support up to 3 groups, each 2~4 ports

QoS Features
- Queueing Mechanism: SP and WRR
- Classifications based on
  - Interface
  - 802.1p
  - IP DSCP
  - TCP/UDP port
- Each port supports 2 queues
- Support bandwidth control with the minimum granularity of up to 32kbps

Security
- Mac address Binding
- TCP/UDP filter
- Support Broadcast storm control

Management
- Support SNMPv1
- Port Mirroring
- Support traffic statistics
- Provide Web-based management
- Configuration Backup and Recovery
- RMON

Power Supply
- AC Power supply, dual DC output internal power supply 12V/1A

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

Environmental Specifications
- Temperature :
  0°C~50°C (Standard Operating)
  40°C to 70°C (Non-Operating)
- Humidity: 10% to 90% (Non-condensing)

Mechanical
- Dimensions (WxDxH): 265mm x 184mm x 44mm
- Fan-less Design
- LED Indicators: Power, Link/Act
- Hardware Factory Reset button

Ordering Information:
DG-FS1510HPE: DIGISOL 8 10/100Mbps Lite Managed PoE+ Switch with 2 Gigabit Combo Ports

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

A product by **smartlink**

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