



DIGISOL™

SWITCHING SOLUTIONS

DIGISOL 24 Port Fast Ethernet PoE+ Smart Managed Switch with 2 Combo Ports

DG-FS1526HP

Key Features:-

- 24*10/100Base-T (PoE Ports) + 2 Gigabit Combo Ports
- High back-plane capacity: 8.8Gbps
- Port mirror and Bandwidth control
- IEEE802.3x Flow control
- Support Port Based VLAN / 802.1Q Tag VLAN
- Support IEEE802.3ad Port trunk with LACP
- Supports IEEE 802.1p class of service
- Support Broadcast storm control
- PoE Budget: 250W
- Surge protection for power port and data ports
- Extend Function: Power lightning protection



Introduction:-

DIGISOL DG-FS1526HP is a 24+2G web-managed POE switch. It provides 24*10/100Mbps Auto-Negotiation RJ45 ports, 2 Gigabit Combo Ports (SFP+RJ45). The POE ports can automatically detect and supply power for the IEEE802.3af and IEEE802.3at compliant Powered Devices (PDs), like Voip Phone, PoE APs, IP Phones, IP cameras, etc. It has the web-interface to control the network switch function and the PoE parts. You can set PoE ON/OFF function based on time and can restart the PD devices based on time.

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 rate limiting 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.



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Technical Specifications:-

Physical Port

- 24 10/100 Base-T Ethernet PoE Ports
- 2 Gigabit Combo (SFP/RJ45) Ports

Performance

- Switching Capability: 8.8Gbps
- MAC Address Table: 8K
- PoE Power Budget: 250W
- Jumbo Frame: 2K

L2 Features

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

QoS Features

- 4 output queues on each port
- Scheduling Method: Strict Priority, Weighted Round Robin
- Support port-based classification

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

Power Supply

- AC Power: 100 to 240 V, 50-60 Hz

Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z, IEEE 802.3x
- IEEE 802.3af & IEEE 802.3at

Environmental Specifications

- Temperature :
 - 0°C~40°C (Standard Operating)
 - 10°C to 70°C (Non-Operating)
- Humidity: 20% to 85% (Non-condensing)
- Thermal methods: Built-in Noiseless FAN

Mechanical

- Dimensions (WxDxH): 440mm x 200mm x 44mm
- LED Indicators: Power, PoE, Link/Act
- Hardware Factory Reset button

Warranty

- DIGICARE Limited Lifetime Warranty

Optional Accessories:-

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

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



Ordering Information:-

DG-FS1526HP: DIGISOL 24 PoE Port 10/100Mbps Samrt Managed PoE+ Switch with 2 Combo GBE Ports

*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

DIGISOL is a Subsidiary of Smartlink Holdings Limited

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