DIGISOL

SWITCHING SOLUTIONS

1st INDIAN BRAND IN IT NETWORKING

DIGISOL 24 Port PoE Gigabit Unmanaged Switch with 2 Combo Uplink Port and 2x1000M Base-T Ports

DG-GS1024/EP

3 YEARS WARRANTY*

Key Features:-

- 24 PoE Gigabit ports + 2 combo uplink port +2 Gigabit port
- Support PoE power up to 15.4W (IEEE802.3af)/ 30W (IEEE802.3at) for PoE ports
- All ports support MDI/MDIX
- PoE: 240W
- Plug and play installation
- Supports Vlan And CCTV functions
- CCTV mode supports 250meters
- Switching capacity: 56 Gbps Full duplex
- Bult-in AC Power Supply
- Support 6KV lightning protection
- Fanless for quiet functioning with natural cooling
- Supports PD Alive function

Introduction:-

DIGISOL DG-GS1024/EP Switch offers 24x10/100/1000Mbps Ethernet ports with Power over Ethernet support with 2x1000Mbps Combo port and 2x1000Mbps Base-T port. These PoE ports are IEEE 802.3af and IEEE802.3at compliant and can supply up to a Max. of 30 watt per port and a total PoE power of 240Watt. The existing Ethernet cables can be used to power up PoE compliant network devices. This eliminates the need of an external power source and power cabling for such devices. The switch provides flexibility to users for connecting a PoE or non PoE device. The PoE devices connected to switch can be easily identified by the separate PoE LED status indicators for each port.

Energy Efficient

The DG-GS1024/EP is designed with a truly intelligent power saving functionality. It complies with the IEEE 802.3az Energy Efficient Ethernet protocol. The switch conserves energy using the following two methods:

Inactive link detection:
The power usage adjustment feature automatically reduces power usage when any shut down network device or inactive link is detected. That is, power consumption of the switch can be adjusted according to the link status or the number of active network devices when possible.

Cable length detection:
The devices equipped with this green feature can automatically detect the length of connected Ethernet cables and adjust power usage accordingly. The shorter the cable length, the less power it consumes.

Supports High-Speed Networking and Jumbo Frames

The DG-GS1024/EP is an excellent solution to expand your Gigabit network. With Gigabit speed, the DG-GS1024/EP gives flexibility and high bandwidth connectivity to servers, workstations and other network devices. It enables users to save time when transferring large files. In addition, it also supports Jumbo Frames to improve network utilization in large files transfer.

Fan-less Design

The fan-less design ensures noiseless operation in small office environment, the DG-GS1024/EP is a perfect solution for small business and SOHO office deployments.

Plug and Play Installation

The DG-GS1024/EP operates without any configuration. The built-in auto-negotiation feature of the switch will adapt its speed (10/100/1000Mbps) as per the remote host connected to its port. Each port supports auto MDI/MDI-X operation for uplink ports which eliminates the need for cross over cables or dedicated uplink ports. This feature gives true plug-n-play operation by reducing most common cabling errors during installations. Any port can simply plug to a server or a switch, using the usual straight-through twisted-pair cable.

Technical Specifications:-

Port configuration
- Network Ports: 30
- PoE Port: 24 x 1000Mbps. Max. 30W • Output of Single PoE Port
- Transmission distance: 0~100m
- Power Indicators:
- Power
- Link LED
- PoE
- VLAN indicator

Standard
- Network Protocol: IEEE802.3/ 802.3u/ 802.3x/ 802.3af/ 802.3ab/ 802.3az

Performance
- Switching Capacity: 56 Gbps Full duplex

- Packet Forwarding Rate: 41.7Mpps
- Forwarding Mode: Store-and-forward
- MAC Address Table: 8K
- Supports Vlan Mode

Power over Ethernet
- PoE Standard: IEEE802.3af, IEEE802.3at
- PoE Power Supply 1/2/4/5(+), 3/6/7/8(-)
- Transmission Distance: 0~100m/100Mbps
- PoE Feature All ports support MDI/MDIX

General
- Power Source: Bult-in Power Supply
- Input: 110-240V AC, 50/60Hz
- PoE Power Budget: 240W

- Operating Temperature: 0°C-40°C
- Humidity: 10%-90% RH non-condensing
- Storage Temperature: -40°C-70°C
- Weight: <5Kg
- Dimensions(L x W x H): 440 x 207 x 44mm
- MTBF: >50000 hours

Warranty
- DIGICARE 3 Years Warranty

Ordering Information:-

DG-GS1024/EP: DIGISOL 24 Port Gigabit Ethernet Unmanaged PoE Switch with 2x10/100/1000M Combo Port, 2x1000M Base-T Port, Fanless. PoE Budget: 240W

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

Power Connector

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