tactio™

- 8-Port 10/100/1000 PoE Switching Hub (PoE ON/OFF Function)
- Compliant with IEEE 802.3at/af
- Optional 11" Rack-Mount Metal Case
- IEEE 802.1Q VLAN Tagging
- 802.1p Priority Queues
- Jumbo Frames and IGMP Snooping Support
- Link Aggregation and Rapid Spanning Tree
- Internal Power Supply

Introduction

INEO-GM08DSP is a 8-port 10/100/1000 PoE and Web Managed Ethernet Switch that is designed for medium or large network environment to strengthen its network connection. Optional rack-mount brackets, the 11" size fits into your rack environment (sold separately). It is a superb choice to boost your network with better performance and efficiency.

IEEE 802.3at Power over Ethernet (PoE) ports

INEO-GM08DSP features 8-port PoE IEEE 802.3at supplying up to 30 watts per port. This product can convert standard 100~240V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3at compliant network accessories. By adding INEO-GM08DSP to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

High-Speed Networking and Jumbo Frames Support

INEO-GM08DSP provides an excellent solution for expanding your Gigabit network. By Gigabit speed, this product provides high flexibility and high bandwidth connectivity to servers, workstations and other attached devices. It enables you to save time transferring large files. In addition, it also supports Jumbo Frames 9.6K to improve network utilization of large file transfers.

Exceptionally Smart

INEO-GM08DSP provides Smart features that are ideal for simple QoS/CoS applications and basic monitoring tools to improve network efficiency. Its security and management features, such as VLAN (IEEE 802.1Q VLAN tagging and port-based VLAN) to secure your network. Through a Web-based interface, an administrator can set up VLANs to segregate traffic, QoS to prioritize mission-critical data and link aggregation to create fat traffic pipelines. In addition, INEO-GM08DSP also supports Rapid Spanning Tree to detect and break unintentional cabling loops within the network. All of these features offer extra protection on the network edge. Best of all, the password-protected configuration interface can be accessed remotely.

Advanced Security

INEO-GM08DSP supports IEEE802.1x port authentication.

Enterprise-Class Web Management Utility

With graphic user interface, it's easy to manage, plan and configure INEO-GM08DSP Gigabit Management Ethernet Switch. This utility provides valuable tools, such as,

Configuration List:
The configuration features of the Web Management utility allows the system administrator to set the IP Address, the user name and the password of INEO-GM08DSP.

Monitoring List and Statistic View:
INEO-GM08DSP can be monitored for every status by the system administrator. When an abnormal event occurs on the switch, messages can be set to notify the system administrator.

Maintenance List:
The system can easily maintain INEO-GM08DSP by updating every status.

No Special Networking Cable Required

By adding PoE devices, you can use an existing standard Cat.5/Cat.5e Ethernet cable without a new electrical outlet for both power and data. It helps you reduce installation time and cost.

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Auto-MDI/MDI-X
Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

Auto-Negotiation
Every port can automatically sense if the connected network devices are running at 10Mbps/ 100Mbps/1000Mbps and Half/Full-Duplex mode and adjust accordingly.

Non-Blocking
This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 200Mbps/2000Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

Store and Forward
By this function, this switch can maximize network performance while minimizing the propagation of bad network packets.

Technical Specifications

● **Standards**
  - IEEE 802.3 10BaseT
  - IEEE 802.3u 100BaseTX
  - IEEE 802.ab 1000BaseT
  - IEEE 802.3x Flow Control
  - IEEE 802.3at/af PoE
  - IEEE 802.1x Port Authentication
  - IEEE 802.1Q VLAN Tagging
  - IEEE 802.3ad Port aggregation
  - IEEE 802.1d Spanning tree protocol
  - IEEE 802.1w Rapid Spanning tree protocol
  - IEEE 802.1p Class of Service, Priority Protocols

● **Features**
  - RJ-45 Ports: 8
  - MAC Address: 8K
  - Buffer Memory: 144 KBytes
  - Jumbo Frames: 9.6K
  - Transmission Method: Store and Forward

● **Smart Features**
  - VLAN: 16
  - Trunk Groups : 4
  - SNMP
  - Quality of Service (QoS)
  - IGMP Snooping
  - LACP, RSTP
  - Rate Limiting
  - 802.1x Port-based Security
  - Management: Port Mirroring, Password-protected Access, Port Settings, Web-base Management, Graphic User Interface, RMON, MIB support

● **Capacity**
  - Switching Capacity : 16 Gbps

● **Transmission Media**
  - 10BaseT Cat. 3, 4, 5 UTP/STP
  - 100BaseTX Cat. 5 UTP/STP
  - 1000BaseT Cat. 5E UTP/STP

● **Led Indicators**
  - Per Port : Link/Act, 1000M
  - Per Unit : Power

● **Power Requirement**
  - 100~240V/AC, 50~60Hz

● **Supply Consumption**
  - 12 watt (Max)

● **Supply Power up to**
  - 130 watt (Max)

● **Dimensions**
  - 266 × 160 × 44 mm (L x W x H)

● **Weight**
  - 0.95 kg

● **Operating Temperature**
  - 0 to 45℃

● **Storage Temperature**
  - -20 to 90 °C

● **Humidity**
  - 10 to 90% RH (non-condensing)

● **Certifications**
  - FCC Class A, CE