



## **24-port Gigabit PoE+ with 4 Combo SFP Rack-mount Web Smart PoE Switch**

- 24-Port 10/100/1000BaseT(X) PoE+ with 4 Combo SFP Open Slots
- IEEE 802.3at, up to 30W per port
- Maximum 390W power consumption
- Web-based Configuration and Management
- 8K MAC, 802.1Q VLAN, QoS, Link Aggregation, RSTP, IGMP Snooping and IEEE 802.1X
- Up to 9K Jumbo Frame

### **Introduction**

INEO-GM24P is 24-port 10/100/1000M PoE+ with 4 Combo SFP Rack-mount Web Smart PoE Switch, the switch supports IEEE 802.3at Power over Ethernet standard, maximum 390W power consumption per system. The switch also provides exceptionally smart Web management features, such as VLAN, QoS, RSTP, IGMP Snooping, LACP, IEEE 802.1X, Storm Control...etc. The switch is standard 19" rack-mount design to fit into the rack environment. With these features, the switch is a superb choice for medium or large network environment to strengthen its network connection and efficiency.

### **IEEE 802.3at Power over Ethernet (PoE) ports**

INEO-GM24P features 24 IEEE 802.3at Power over Ethernet (PoE) ports 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. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3at compliant, or only the data will be sent through LAN cable. By adding INEO-GM24P 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.

### **4 Combo SFP Open Slots**

INEO-GM24P supports 4 Combo SFP open slots to uplink to servers, storage, or other switching devices for long loop reach applications.

### **High-Speed Networking and Jumbo Frames Support**

INEO-GM24P 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**

The INEO-GM24P features management interface that can be managed through Web Browser and it provides Smart features that are ideal for network applications and basic monitoring tools to improve network efficiency. Through a Web-based interface, an administrator can set up VLANs to segregate traffic, QoS to prioritize mission-critical data, RSTP to avoid network loop, link aggregation to create fat traffic pipelines, bandwidth control to limit traffic load and IEEE 802.1X to secure port access on your network. All of these features offer extra protection on the network edge.

## **Advanced Security**

INEO-GM24P supports specific IP Addresses filtering for every port, and then only identifiers have the privilege to pass through the specific ports. On port access control, the switch also supports IEEE802.1x port authentication.

## Technical Specifications

### Standards

Ethernet: IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.ab 1000BaseT, IEEE 802.3z 1000BaseSX/LX  
 IEEE 802.3x Full-duplex and Flow Control  
 IEEE 802.1Q VLAN  
 IEEE 802.3ad Link Aggregation Control Protocol  
 IEEE 802.1D Spanning Tree Protocol  
 IEEE 802.1w Rapid Spanning Tree Protocol  
 IEEE 802.1p Class of Service  
 IEEE 802.1X Port-based Network Access Control  
 IEEE 802.3at Power Over Ethernet (PoE+)

### Features

Number of Ports: 24  
 10/100/1000M RJ-45 Ports: 24 ports with IEEE 802.3at PoE+  
 Gigabit SFP: 4, Combo with 4 10/100/1000M RJ-45  
 MAC Address: 8K  
 Buffer Memory: 500 Kb  
 Jumbo Frames: 9.6 KB  
 Transmission Method: Store and Forward

### Smart Features

VLAN: 16, VLAN ID: 1~ 4094  
 Rapid Spanning Tree Protocol  
 IGMP Snooping V1&V2  
 LACP/Trunk: up to 8 groups  
 Quality of Service: up to 4 queues, 802.1p  
 PoE Control: PoE Port Enabled/Disable, Status  
 IEEE 802.1X, Source IP Filter  
 Storm Control: Broadcast, Multicast, Flood Unicast  
 Port: Port State, Speed/Duplex, Flow Control  
 Rate Limiting, Port Mirroring  
 Management: Web GUI, SNMP, Password protection  
 Configuration upload/download, Firmware upgrade

### Filtering/Forwarding Rates

1000Mbps port – 1,488,000pps  
 100Mbps port - 148,800pps, 10Mbps port - 14,880pps

10BaseT Cat. 3, 4, 5 UTP/STP, 100BaseTX Cat. 5 UTP/STP  
 1000BaseT Cat. 5E UTP/STP

Per Port: Link/Act; Per Unit: Power

### Transmission Media

100~240V/AC, 50~60Hz

### Led Indicators

53V /DC Per Port Output

### Power Input

390 Watts (Max)

### Power Output

44 x 440 x 331 mm (H x W x D)

### Power Consumption

4.7 kg

### Dimensions

0 to 40°C

### Weight

-20 to 90°C

**Operating Temperature** 10 to 90% RH (non-condensing)

**Storage Temperature** FCC Class A, CE

**Humidity**

**Certifications**