



24-Port Gigabit PoE + 4 Combo SFP Rack-mount Web Smart Ethernet Switch

- 24-Port 10/100/1000M IEEE 802.3 af/at complaint PSE, 4 SFP Open Slots
- Full Gigabit Solution
- Rack-Mount to 19" Cabinet
- 4 Combo SFP Open Slots
- IEEE 802.1Q VLAN Tagging
- Link Aggregation and Spanning Tree
- Internal Power Supply (380 watts available)
- Supports up to 30watts per Channel (13 ports)

**FULL POWER
POE SWITCH**

Plug & Play Rack Mount Style POE Switch

IN-24POEGWM is a 24-port 10/100/1000M PoE+ with 4 Combo SFP Gigabit Web Smart Ethernet Switch that is designed for the medium or large network environment. This switch installs in a standard 19" cabinet with the included rack-mount kit. The IN-24POEGWM boasts full-power, plug & play installation, and superior performance at an affordable price.

IEEE 802.3at Power over Ethernet (PoE) ports

Features 24 x IEEE 802.3at Power over Ethernet (PoE+) ports supplying up to 30 watts per port. This unit converts standard 90~260V/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 should be powered or only receives data through LAN cable. By adding the IN-24POEGWM switch to existing networks, installing networking products such as wireless Access Points, IP cameras, or IP phones can be easily set up and managed.

IN-24POEGWM

High-Speed Networking and Jumbo Frame Support

IN-24POEGWM provides an excellent solution for expanding your Gigabit network. Using this product on your Gigabit network will provide high flexibility and high bandwidth connectivity to servers, workstations and other attached devices, and save you time when transferring large files. In addition, it also supports Jumbo Frames 9.6K to improve network utilization of large file transfers.

Exceptionally Smart

IN-24POEGWM 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 bandwidth control and VLAN (IEEE 802.1Q VLAN tagging and port-based VLAN) help 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, IN-24POEGWM 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 and allows the password-protected configuration interface to be accessed remotely.

Advanced Security

IN-24POEGWM supports specific MAC address filtering for every port and only those identified within the system have the privilege to pass through the specific ports. It also supports IEEE802.1x port authentication.

Enterprise-Class Web Management Utility

With its user-friendly graphic interface, managing, planning and configuring the IN-16POEGWM Rack-mount Gigabit Web Smart Ethernet Switch is easy. The utility provides valuable tools, such as the following:

Password Protection

The configuration features of the Web Management utility allows the system administrator to set the IP Address, user name and the password of IN-24POEGWM.

Monitoring List and Statistics View

The PoE switch can be easily monitored by the system administrator. When an abnormal event occurs on the switch, messages can be set to notify the system administrator.

Feature List

No Special Networking Cable Required

When adding PoE devices, you can use an existing standard Cat.5/Cat.5e Ethernet cable without needing a new electrical outlet for each, reducing installation time and costs.

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 IN-24POEGWM 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

Using this function, the IN-24POEGWM can maximize network performance while minimizing the propagation of bad packets.

STANDARDS

Standards IEEE 802.3 10BaseT
IEEE 802.3u 100BaseTX
IEEE 802.ab 1000BaseT
IEEE 802.3z 1000BaseSX/LX
IEEE 802.3af Power Over Ethernet
IEEE 802.3x Full-duplex and Flow Control
IEEE 802.1x Port-based Network Access Control
IEEE 802.1Q VLAN
IEEE 802.3ad Link 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: 24-port with PoE
Combo SFP Open Slots: 4
MAC Address: 8K
Buffer Memory: 500 KB
Jumbo Frames: 9.6 KB
Transmission Method: Store and Forward

SMART FEATURES

VLAN: 16
Tagged VLAN: 16
VLAN ID: 1~ 4094
Trunk Groups: 8
Quality of Service: up to 4 queues
IGMP Snooping
LACP, RSTP
MAC Filtering
Rate Limiting (Ingress rate and Egress rate)
802.1x Port-based Network Access Control
Management: Port Mirroring, Password-protected Access,
Port Settings, Web-base Management, Graphic User Interface

FILTERING/FORWARDING RATES

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

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 REQUIREMENTS

90~260V/AC, 50~60Hz

POWER CONSUMPTION

390 Watts (Max)

DIMENSIONS

440 × 220 × 44 mm (L x W x H)

WEIGHT

5.3 kg

OPERATING TEMPERATURE

0 to 45°C

STORAGE TEMPERATURE

-20 to 90° C

HUMIDITY

10 to 90% RH (non-condensing)

CERTIFICATION

FCC Class B, CE

WARRANTY

2 Years

FOR MORE
INFORMATION,
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