

# 24-port 10/ 100M with 24 PoE port + 2 Combo Gigabit Copper / 2 SFP Web Management Rack-mount Gigabit Ethernet Switch

## PS-7242IL



PS-7242IL is 24-port 10/100M with PoE + 2 Combo Gigabit Copper / 2 SFP Rack-mount Gigabit Web Smart Ethernet Switch that is designed for medium or large network environment to strengthen its network connection. Including rack-mount brackets, the 19" size fits into your rack environment. It is a superb choice to boost your network with better performance and efficiency.

### IEEE 802.3af Power over Ethernet (PoE) ports

PS-7242IL features IEEE 802.3af Power over Ethernet (PoE) ports supplying Maximum 390 Watt. This product can convert standard 100~240V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3af compliant network accessories. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3af compliant, or only the data will be sent through LAN cable. By adding PS-7242IL 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.

### 2 Combo Gigabit Copper / 2 SFP Open Slots

PS-7242IL supports 2 Combo Gigabit Copper or 2 SFP open slots to uplink to servers, storage, or other switching devices for long loop reach applications

### Exceptionally Smart

PS-7242IL 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 VLANs 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. All of these features offer extra protection on the network edge. Best of all, the password-protected configuration interface can be accessed remotely.

### 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, or 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 200 or 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.

- PoE ON/OFF Remote Control
- Web-based Configuration and Management
- 19" Industrial Size
- Auto-MDI/MDI-X
- Auto-Negotiation
- Non-Blocking

**PS-7242IL**

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**Performance:**

MAC Address: 4K  
Buffer Memory: 2.75Mb  
Transmission Method: Store and Forward

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**Mechanical:**

**LED Indicator**

Per Port: Link / Act,PoE  
Per Unit: Power

**Power Budget**

390 Watts(Max)

**Power Supply**

100~240V/AC, 50~60Hz

**Power Output**

48V/DC per Port Output – 15.4 W  
Max per Port

**Product Dimensions / Weight**

440 x 220 x 44mm (L x W x H)/ 3.25 kg

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**Environmental Specification:**

**Operating Temperature**

0 to 55 °C

**Storage Temperature**

-20 to 90 °C

**Humidity**

10 to 90% RH (non-condensing)

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**Web Management Feature:**

**Port Management:**

Port Configuration  
Port Mirroring  
Bandwidth Control  
Broadcast Storm Control  
PoE On/ Off Setting

**VLAN Setting:**

Port-based / Tag-based  
VLAN ID: 1~4094K

**QoS Setting:**

Priority Mode  
Class of Service Configuration  
TCP/ UDP Port-based

**Trunking:**

2 groups (1~4 port for each group)

**Link Aggregation Setting Security Filter:**

TCP/UDP port based  
MAC Address based

**RSTP / STP**

Spanning Tree Protocol  
Backup / Recovery Configuration

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**Package information:**

**Accessory**

Power Cord  
User Manual  
Rack-mount kit

**N.W / G.W**

15.7 kg / 16.7 kg

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**Certification**

FCC Class A, CE

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