

- 24-Port 10/100BaseT(X) PoE + 2-Port Gigabit Copper and 2 SFP Combo Ports
- 19" Industrial Size
- Internal Power Supply

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

#### Introduction

PS-7242I is 24-port 10/100M + 2 Combo Gigabit Copper / 2 SFP Rack-mount Gigabit 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.

### 2 Combo Gigabit Copper & 2 SFP Combo Ports

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

### No Special Networking Cable Required

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

#### 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 or 100Mbps 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 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.

# **Product Specification**

Interface		
10/100 Base RJ45 Ports		24
100/1000Base-X SFP & 1000 RJ45 Combo Port		2
System Performance		
Packet Buffer		2.75Mbits
MAC Address Table Size		4K
Switching Capacity		8.8 Gbps
Forwarding Rate		6.55Mpps
PoE Features		' '
IEEE 802.3 af/at		IEEE 802.3 af/at
Number of PSE Ports		24
Max. Power Consumption		390W
External/Internal Power		Internal Power
Power Feeding Detecting Capability on PD		•
L2 Features		
Auto-negotiation		•
Auto MDI/MDIX		•
Flow Control (duplex)	802.3x (Full)	•
	Back-Pressure (Half)	•
Mechanical		
Power Input		100~240VAC
Dimension (H*W*D)		440 × 332 × 44 mm
LED		Power, PoE, Link/Act
Operating Temperature		0~45°C
Operating Humidity		5~90% (non-condensing)
Weight		4.7 KG
Certification		FCC Class A, CE
Standard		
IEEE 802.3 - 10BaseT		•
IEEE 802.3u - 100BaseTX		•
IEEE 802.3ab - 1000BaseT		•
IEEE 802.3z 1000GBaseSX/LX		•
IEEE 802.3af Power over Ethernet (PoE)		•
IEEE 802.3at Power over Ethernet (PoE+)		•
IEEE 802.3x - Flow Control		•