



PFN-7242IL-at

- \* 24-Port 10/100Base-TX with PoE + 2-Port Gigabit Copper/SFP Combo Uplink
- \* IEEE 802.3at PoE+, up to 30W per port
- \* Maximum 250W power consumption
- \* Web-based Configuration and Management
- \* VLAN, QoS, RSTP, IGMP Snooping, LACP, Port Security, Bandwidth Control, Storm Control
- \* 19" Rackmount

## **24-port 10/100M PoE + 2 Gigabit Copper/SFP Combo Rackmount Web Smart PoE Switch**

### **Introduction**

PFN-7242IL-at is 24-port 10/100M with PoE + 2 Gigabit Copper/SFP Combo ports 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, Port Security...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**

PFN-7242IL-at features 24-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 PFN-7242IL-at 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 Gigabit Copper/SFP Combo Port**

PFN-7242IL-at supports 2 Gigabit Copper or SFP combo ports to uplink to servers, storage, or other switching devices for long loop reach applications.

### **Exceptionally Smart**

The PFN-7242IL-at features management interface that can be managed through Web Browser and it provides Smart features that are ideal for simple 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/Loop Protection to avoid network loop, link aggregation to create fat traffic pipelines, bandwidth control to limit traffic load and Port Security to secure your network. All of these features offer extra protection on the network edge. Best of all, the password-protected configuration interface can be accessed remotely.

## Specifications

<b>Standards</b>	Ethernet: IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.ab 1000BaseT, IEEE 802.3z 1000BaseSX/LX IEEE 802.3x Flow Control IEEE 802.3ad Link Aggregation Control Protocol IEEE 802.1Q VLAN IEEE 802.1p Class of Service IEEE 802.1D Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.3at Power Over Ethernet (PoE+)
<b>Features</b>	Number of Ports: 26 10/100BaseTX with RJ-45 Connectors: 24 port with PoE+ Gigabit Uplink: 2x 10/100/1000BaseT RJ-45 / Gigabit SFP Combo Port MAC Address: 4K Buffer Memory: 2.75Mb Transmission Method: Store and Forward
<b>Smart Features</b>	Port Based VLAN: 26 Tagged Based VLAN: 32, VID = 1~4094 STP/RSTP IGMP Snooping V1&V2 Link Aggregation: 3 groups Quality of Service(QoS): High & Low queues, 802.1p Security: Port & MAC binding, 3 MAC per port Port: Port State, Speed/Duplex, Flow Control Port Mirroring Bandwidth Control Broadcast Storm Control PoE Control: PoE Port Enable/Disable, PoE Status Management: Web Management, password protected access, Configuration backup/restore, TFTP firmware upgrade
<b>Filtering/Forwarding Rates</b>	1000Mbps port – 1,488,000pps, 100Mbps port - 148,800pps, 10Mbps port - 14,880pps
<b>Transmission Media</b>	10/100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5 / Cat. 5E UTP/STP
<b>LED Indicators</b>	Per Port: Link/Act, PoE : Act / Status, Per Unit: Power
<b>Power Input</b>	100~240 V/AC, 50~60Hz
<b>Power Output</b>	53V DC Per Port Output
<b>Power Consumption</b>	250/500 Watt (Max. )
<b>Dimensions</b>	440 x 220 x 44mm/ 440 x 331 x 44 mm (W x D x H)
<b>Operating Temperature</b>	0 to 40°C
<b>Storage Temperature</b>	-20 to 90°C
<b>Humidity</b>	10 to 90% RH (non-condensing)
<b>Certifications</b>	FCC Class A, CE
<b>Weight</b>	3.0kg/4.7kg