



PFN-7242IL-V2

- * 24-Port 10/100Base-TX with PoE + 2-Port Gigabit Copper/SFP Combo Uplink
- * IEEE 802.3at PoE+, up to 30W per port
- * Maximum 500W 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-v2 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-v2 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-v2 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-v2 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-v2 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

Standards	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+)
Features	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
Smart Features	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
Filtering/Forwarding Rates	1000Mbps port – 1,488,000pps, 100Mbps port - 148,800pps, 10Mbps port - 14,880pps
Transmission Media	10/100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5 / Cat. 5E UTP/STP
LED Indicators	Per Port: Link/Act, PoE : Act / Status, Per Unit: Power
Power Input	100~240 V/AC, 50~60Hz
Power Output	53V DC Per Port Output
Power Consumption	250/500 Watt (Max.)
Dimensions	440 x 220 x 44mm/ 440 x 331 x 44 mm (W x D x H)
Operating Temperature	0 to 40°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE
Weight	3.0kg/4.7kg