



PFN-7162IL-AT

- * 16-Port 10/100BaseT(X) with 16 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" Rack-mount

16-port 10/100M PoE + 2 Gigabit Copper/SFP Combo Rack-mount Web Smart PoE Switch

Introduction

PFN-7162IL is a Web Smart Gigabit Ethernet Switch with 16 10/100M Power over Ethernet (PoE) Ports plus 2 Combo Gigabit Copper/SFP Ports. With its IEEE 802.3at PoE compliance, PFN-7162IL can provide a maximum 250 Watt power consumption per system. PS-7162IL also provides exceptionally smart Web management features including VLAN, QoS, RSTP, IGMP snooping, LACP, Port Security, etc. Comes with rack-mount brackets, PFN-7162IL's 19-inch size will fit into your rack frame perfectly. PFN-7162IL is a superb choice for boosting medium or large network environment and providing better performances and efficiencies.

IEEE 802.3at Power over Ethernet (PoE) ports

Featuring IEEE 802.3at Power over Ether (PoE) standard, PFN-7162IL can supply power up to 250 Watts. It can also convert standard 100~240 Volts of AC power into low-voltage DC power that runs over existing LAN cable to power IEEE 802.3at compliant network devices. Also, PFN-7162IL features PoE-awareness for verifying if the receiving end of any network device is IEEE 802.4at compliant. If not, only data packets will be sent to that given network device through LAN cable. With PFN-7162IL installed to your existing network environment, adding new network devices such as Access Points and IP Cameras will be easy and manageable, which means these devices can be easily deployed and the network administrators do not have to use heavy AC power adapters for power supply anymore.

2 Gigabit Copper/SFP Combo Port

PFN-7162IL POE 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

PFN-7162IL features a web page management interface which can access via web browsers such as IE, Chrome, and Firefox. This management web page is ideal for simple network configurations and includes basic network monitoring tools to improve network efficiency. Through this management web page, an administrator can configure **VLAN** for network traffic segregation, **QoS** for mission-critical data prioritizing, **RSTP/Loop Protection** for avoiding network loop, **Link Aggregation** for creating fat traffic pipelines, **Bandwidth Control** for limiting traffic load, and **Port Security** for securing your network. All these features provide extra network protection, and the management web page (protected by login password) can be accessed remotely via any PC on the network.

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: 18 10/100BaseTX with RJ-45 Connectors: 16 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: 18 Tagged Based VLAN: 32, VID = 1~4094 STP/RSTP IGMP Snooping V1&V2 Link Aggregation: 1, Gigabit Ports 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 Watts
Dimensions	440 x 220 x 44mm (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	4.2kg