P F N Technology

Gigabit 24Ports Management PoE Switch

PFN-7244VM

Introduction

PFN-7244VM is 24-port 10/100/1000M PoE with 4 Combo SFP & 4 Gigabit RJ45 Ports Rack-mount Web Smart Switch, the switch supports IEEE 802.3at Power over Ethernet standard, maximum 600Watt power consumption per system. The switch also provides exceptionally smart Web management features, such as VLAN, QoS, RSTP, IGMP Snooping, LACP, IEEE 802.1X, Storm Control…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-7244VM features 24IEEE 802.3at Power over Ethernet (PoE) ports 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. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3at compliant, or only the data will be sent through LAN cable. By adding PFN-7244VM 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.

4 Combo SFP Open Slots & 4 Gigabit RJ45 Ports

PFN-7244VM supports 4 Combo SFP open slots & 4 Gigabit RJ45 Ports to uplink to servers, storage, or other switching devices for long loop reach applications.

High-Speed Networking and Jumbo Frames Support

PFN-7244VM provides an excellent solution for expanding your Gigabit network. By Gigabit speed, this product provides high flexibility and high bandwidth connectivity to servers, workstations and other attached devices. It enables you to save time transferring large files. In addition, it also supports Jumbo Frames 9.6K to improve network utilization of large file transfers.

Exceptionally Smart

The PFN-7244VM features management interface that can be managed through Web Browser and it provides Smart features that are ideal for 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 to avoid network loop, link aggregation to create fat traffic pipelines, bandwidth control to limit traffic load and IEEE 802.1X to secure port access on your network. All of these features offer extra protection on the network edge.

Advanced Security

PFN-7244VM supports specific IP Addresses filtering for every port, and then only identifiers have the privilege to pass through the specific ports. On port access control, the switch also supports IEEE802.1x port authentication.

- ➢ **Total Port : 32 ports**
- ➢ **Gigabit RJ45 PoE Port : 24 Port (Up to 90 Watt Per Port – Up to 600 Watt Max)**
- ➢ **Gigabit RJ45 Uplink Port : 4 Port**
- ➢ **Gigabit SFP Uplink Port : 4 Port**
- ➢ **Combo Uplink Port : Yes**
- ➢ **Layer : Layer 2 Management**
- ➢ **Max PoE Output : 600Watt**
- ➢ **Power : 110~240VAC**
- ➢ **Mounting : Rackmount**

Interfaces

Total Port	32 Ports
Max PoE Output	600Watt
PoE Port Control	Texas Instrument Chipset
Gigabit RJ45 PoE Port	24 Ports **(Up to 90Watt Per Port)**
Gigabit RJ45 Uplink Port	4
Gigabit SFP Uplink Port	4
Combo Uplink Port	Yes

Network Performance

Total Port	IEEE802.3x, IEEEE802.3u, IEEEE802.3az, IEEEE802.3ab, IEEE802.3at (Up to 30Watt), IEEE802.3bt
Protocols	CSMA/CD
Speed	Ethernet 10Mbps (half duplex) 20Mbps (full duplex) , 10Base-T ; 14,880bps/port Fast Ethernet 100Mbps (half duplex) 200Mbps (full duplex) , 100Base-TX ; 14,8800bps/port Gigabit Ethernet 1000Mbps (half duplex) 2000Mbps (full duplex) , 1000Base-TX ; 14,88000bps/port
Cabling	10Base-TX:Cat3 or above Cat5 UTP (100m) PoE=200M 100Base-TX: Cat5 UTP (100m) PoE=150M 1000Base-TX:Cat6e or Cat6 UTP (120m) PoE=150M
Bandwidth	56Gb Internal Bandwidth
MAC Table	64Kb
Auto MDI-MDIX	Yes All Port
Console	Yes – Web & RS232 Layer2+Management (Telnet Support)
Transfer Pattern	Store & Forward

Hardware

Processore Type	Realtek
LED Panel	PoE Activity / Data Activity
Main Board	Double Layer
Case	Metal Case
Mounting	Rackmount

PD'S

IP Camera	Yes
IP Phone	Yes
(+)5/4, (-)8/7	Optional
(+)2/1, (-)6/3	Yes

General

IP Rating	IP51
Web Language	English
Dimension	438*330*45 mm
Weight	2.65 Kg
Storage Temp	-25'~+75'C / 10%~90%RH
Operation Temp	-20'~+55'C / 10%~90%RH
Radiation Electromagnetic	EN55016

Status

LED	Ethernet Interfaces 1000 Link/Act (Orange), 10/100 Link/Act (Green) PoE Ethernet Interfaces PoE-in-Use (af/at-Red)

Power Supply

Power	90~220VAC – 2.9A
LED Power	Yes
Power Cable	Available

Guarantee

Product Guarantee	3 Years

پویا فرا نگار (سهامی خاص)

مشاوره . طراحی و اجرای سیستمهای نظارتی و حفاظتی

آدرس : تهران ، خیابان ولیعصر ، جنب پمپ بنزین ساعی ، برج سرو ساعی ، طبقه سوم ، واحد ۳۰۲

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