



PFN-7616I

- \* 16 PSE /Power over Ethernet Ports
- \* 19" Industrial Size
- \* Auto-MDI/MDI-X
- \* Auto-Negotiation
- \* Non-Blocking
- \* Internal Power Supply

## 16-port 10M/100M Rack-mount PoE Fast Ethernet Switch

### Introduction

PFN-7616 is 16-port 10M/100M Rack-mount PoE Fast 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.

### IEEE 802.3af Power over Ethernet (PoE) ports

PFN-7616 features 16 IEEE 802.3af/at Power over Ethernet (PoE) ports supplying up to 15.4/30 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 802.3af/at compliant network accessories. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3af/at compliant, or only the data will be sent through LAN cable. By adding PFN-7616 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.

### 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.

## Technical Specifications

<b>Standards</b>	IEEE 802.3af/at IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control
<b>Features</b>	Number of Ports: 16 PSE/Power over Ethernet Ports MAC Address: 4K Buffer Memory: 1.625 Mb Transmission Method: Store and Forward
<b>Filtering/Forwarding Rates</b>	100Mbps port - 148,800pps 10Mbps port - 14,880pps
<b>Transmission Media</b>	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
<b>Led Indicators</b>	Per Port: Link/Act, PoE Act/Status Per Unit: Power
<b>Power Input</b>	100~240V/AC, 50~60Hz
<b>Power Output</b>	48~56V/DC Per Port Output – 15.4/ 30 W Max Per Port 16 Ports at Full 15.4/30 W Output Supported
<b>Power Consumption</b>	260 Watts (Max)
<b>Dimensions</b>	44× 220× 440 mm (Hx W x D)
<b>Weight</b>	3.1kg
<b>Operating Temperature</b>	0 to 40
<b>Storage Temperature</b>	-20 to 90
<b>Humidity</b>	10 to 90% RH (non-condensing)
<b>Certifications</b>	FCC Class A, CE