



PFN-5881

- 8-port 10/100M PSE/Power over Ethernet Ports
- IEEE 802.3at PoE+, up to 30W per port
- Max. 130W power consumption
- Auto-MDI/MDI-X, Auto-Negotiation
- Non-Blocking
- Internal Power Supply
- 11" Metal Case

8-port 10M/100M Desktop PoE Fast Ethernet Switch

Introduction

PFN-5881 is 8-port 10M/100M Desktop PoE Fast Ethernet Switch that is designed for small or medium network environment to strengthen its network connection. The switch supports IEEE 802.3at Power over Ethernet standard, up to 30W per port and maximum 130W power consumption per system. With the PoE technology, there is no special network cable required for your PD devices. This product is compact in size, making it ideal for Desktop users with limited space. It also gives you the option of installing it in a 19" cabinet by rack-mount kits or underneath a desk.

IEEE 802.3at Power over Ethernet (PoE+) ports

PFN-5881 features 8 IEEE 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 the switch to the 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.

Specification

Interface		
10/100M Base RJ45 Ports	8	
System Performance		
Packet Buffer	1.625Mbits	
MAC Address Table Size	4K	
Switching Capacity	1.6Gbps	
Forwarding Rate	1.19Mpps	
PoE Features		
IEEE 802.3 af/at	IEEE 802.3 af/at	
Number of PSE Ports	8	
Max. Power Consumption	130W	
Max. System Consumption	5.76W	
External/Internal Power	Internal Power	
Power Feeding Detecting Capability on PD	•	
PD Classification	•	
L2 Features		
Auto-negotiation	•	
Auto MDI/MDIX	•	
Flow Control (duplex)	802.3x (Full)	•
	Back-Pressure (Half)	•
Mechanical		
Power Input	100~240VAC	
Dimension (H*W*D)	44 x 266 x 160 mm	
LED	Power, PoE, Link/Act	
Operating Temperature	0~45°C	
Storage Temperature	-20~80°C	
Operating Humidity	5~90% (non-condensing)	
Weight	1.6 KG	
Certification	FCC Class B, CE	
Standard		
IEEE 802.3 – 10BaseT	•	
IEEE 802.3u – 100BaseTX	•	
IEEE 802.3af Power over Ethernet (PoE)	•	
IEEE 802.3at Power over Ethernet (PoE+)	•	
IEEE 802.3x - Flow Control	•	