



24 ports Gigabit Fiber Switch

(PR-P16F8G)

● Product Description

This series of access layer Gigabit fiber switch, with sixteen 1000M SFP optical port + 8 adaptive ports, the same network can be 10Mbps, 100Mbps or 1000Mbps network equipment perfectly integrated together. Are able to automatically adapt to full-duplex or half-duplex mode, can achieve up to 2000Mbps per port bidirectional transmission rate, 16 Gigabit SFP optical port to achieve long-distance fiber optic network transmission. MAC address self-learning function, to ensure that the data error-free transmission. Store and forward exchange mode, to prevent the spread of damaged packets in the network. Flow control function, can prevent a large number of instantaneous data on the impact of the network, support Auto-MDI / MDIX automatic flip function. High-capacity, high-bandwidth, all ports across the line without blocking the work, support for long frame transmission; for Internet cafes, hotels, intelligent community, small and medium enterprises, high-definition network video surveillance and other use of network intelligence and security provides a low cost, Reliable solution.

The front panel LED of the switch can dynamically display the connection and running status of the device, providing a simple fault detection method for easy maintenance and management.

● Features

1. 1. Comply to IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
2. Fluid Control: Full-duplex: IEEE 802.3x, Half-duplex: back pressure.
3. Auto MDI/MDIX
4. Store-and-forward
5. All ports support wire speed switch, jumbo frame transmission.
6. RJ45 is self-adaption 10/100/1000M port
7. Support MAC address automatic study function, MAC address table gathered reach 16K

8.Configurable: single fiber/ double fiber/ single mode/multimode

● Target Industries

- 1.HD monitor transmission and power supply
- 2.Wireless AP layout transmission and power supply
- 3.Network telephone transmission , intelligent house and home system
- 4.Intelligent transportation supervisory system (ITS)
5. High-speed Way supervisory/Tele-Communication System
6. Security protection system, TV medical treatment
7. Long-distance Multi-media Schooling, Campus monitoring
8. Long-distance broadcast television transmission system
9. High-building Security Protection, Military Tele-Com project.

● Technical parameters

Model No.	PR-P16F8G
1000M SFP	16
1000M Rj45	8
Exchange Mechanism	Store-and-forward
Bandwidth	48G
MAC	16k
Environmental	Working Temperature: -20℃～55℃
	Storage temperature: -40℃～75℃
	Working Humidity : 10%～90% RH non-condensing
	Storage Humidity: 5%～90% RH non-condensing
Power input	AC input 110~240V 50/60hz ;built-in dual power supply, automatic synchronous switching function ;dual fans, automatic temperature control

Standards Protocols	<p>IEEE 802.3</p> <p>IEEE 802.3i 10BASE-T</p> <p>IEEE 802.3u 100BASE-TX</p> <p>IEEE 802.3ab 1000BASE-T</p> <p>IEEE 802.3z 1000BASE-X</p> <p>IEEE 802.3x</p>
Speed	<p>Ethernet 10Mbps half-duplex, 20Mbps full-duplex</p> <p>Fast Ethernet 100Mbps half-duplex, 200Mbps full-duplex</p> <p>Gigabit Ethernet 2000Mbps full-duplex</p>
Network Media	<p>10Base-T: Cat.3 and above UTP/STP(≤150m)</p> <p>100Base-TX: Cat.5 and above UTP/STP(≤150m)</p> <p>1000Base-T: Cat.5 and above UTP/STP(≤150m)</p> <p>1000Base-SX:62.5μm/50μm MMF(2m~550m)</p> <p>1000Base-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)</p>
LED Indicator	<p>1-24: The optical port is successfully connected.</p> <p>PSL: Auxiliary power supply</p> <p>PMS: main power supply</p> <p>Network port orange light: the corresponding port works at 1000M rate</p> <p>Network port green light: the corresponding port has data transmission</p>
Product specifications	<p>Product Size: 440mm*205mm*45mm (L*W*H)</p> <p>package Size: 515mm*375mm*93mm (L*W*H)</p> <p>Weight:3.02kg</p>