

16-Port Fast Ethernet Unmanaged PoE Switch

FR-S1016PED-D

Characteristics

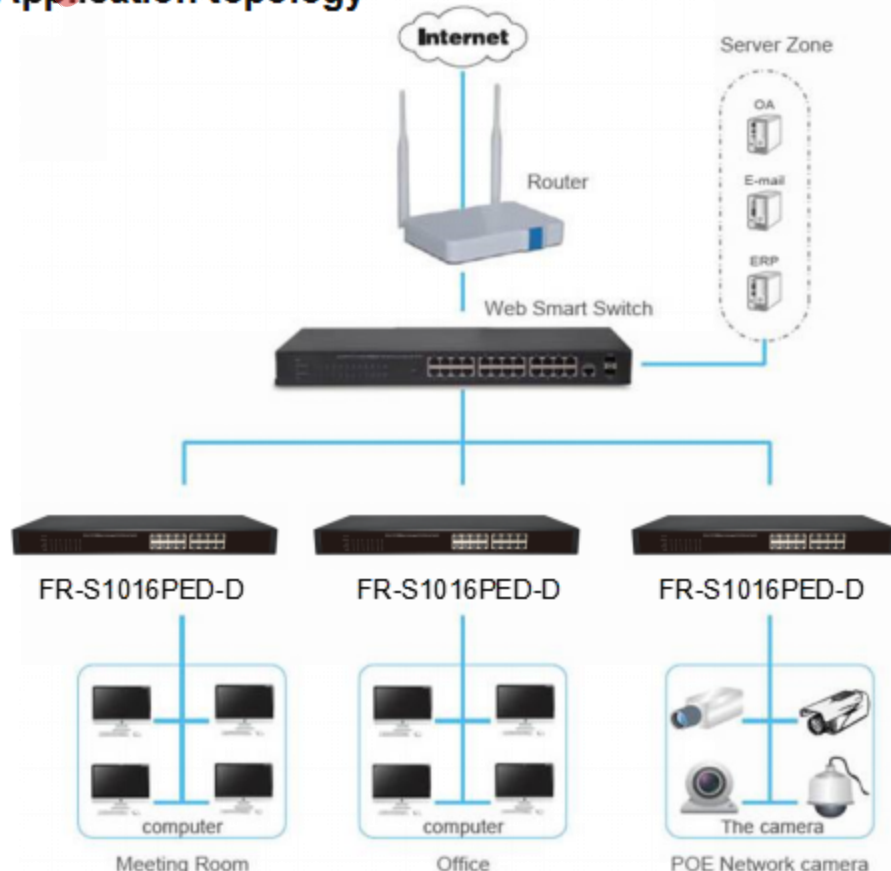
- Adopt the store - forwarding mode
- Switching Capacity 3.2Gb
- Complied with IEEE802.3at backward compatibility IEEE802.3af
- Supports PoE power up to 30W for each PoE port, total 240W for all PoE ports
- Internal 250W power supply ,high performance , durable stability

Description

FR-S1016PED-D is 16 ports 10/100Mbps Unmanaged Ethernet PoE Switch. It integrates 100Mbps Fast Ethernet and 10Mbps Ethernet network capabilities. These POE ports can automatically detect and supply power with those IEEE 802.3at compliant Powered Devices (PD). In this situation, the electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.

FR-S1016PED-D is easy to install and use. It requires no configuration and installation. With desktop design, outstanding performance and quality, the 16-port 10/100M Desktop POE Switch is a great selection for expanding your home or office network.

Application topology



Features

- 16*10BASE-T / 100BASE-T Ethernet ports, all ports can supply power
- Comply with IEEE802.3i、IEEE802.3u、IEEE802.3az、IEEE 802.3x、IEEE802.3af、IEEE802.3at standards
- Supports PoE power up to 30W for each PoE port, all power up to 240W
- Support storage and forwarding exchange;
- Supports IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode
- Supports MAC address auto-learning
- LED indicators for monitoring PoE, Link / Activity

Specification

Model Name	FR-S1016PED-D	
Chipset	RTL8316E+RTL8231+2*IP808	
Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE802.3x, IEEE802.3az, IEEE802.3at, IEEE802.3af	
Interface	16*10 / 100Mbps adaptive RJ45 ports (Auto MDI / MDIX)	
Network Media	10BASE-T: UTP category 3,4 cable (maximum 100m) 100BASE-TX: UTP category 5,5e cable (maximum 100m)	
Transfer Method	Store-and-Forward	
MAC Address Table	8K	
Switching Capacity	3.2Gbps	
Packet Forwarding Rate	2.38Gpps	
Packet Buffer	2Mbits	
Jumbo Frame	2KBytes	
PoE Ports (RJ45)	16*PoE ports compliant with 802.3at/af	
Power Pin Assignment	1/2(+), 3/6(-)	
PoE Budget	240W	
Indicators	Per Device	Power : Green
	Per Port	Link / Act : green PoE : orange
Power Supply	100~240 V AC , 50/60 Hz , 250W internal power	
Power Consumption	264.7W(220V/50Hz)	

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Dimensions (L×W×H)	442*208*44mm
Environment	Operating Temperature: 0°C~45°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% RH non-condensing Storage humidity: 5%~90% RH non-condensing

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