

## 16-Port Gigabit + 2-Port Gigabit SFP Multi-Mode Unmanaged PoE Switch

### FR-S1118GS-135P2



### Characteristic

- Intelligent identification
- Support multiple mode switching, suitable for various occasions
- 2\*1000Mbps SFP ports
- Internal 150W Power supply
- High performance, durable stability
- Adopt the store - forwarding mode
- Switching Capacity 36Gb

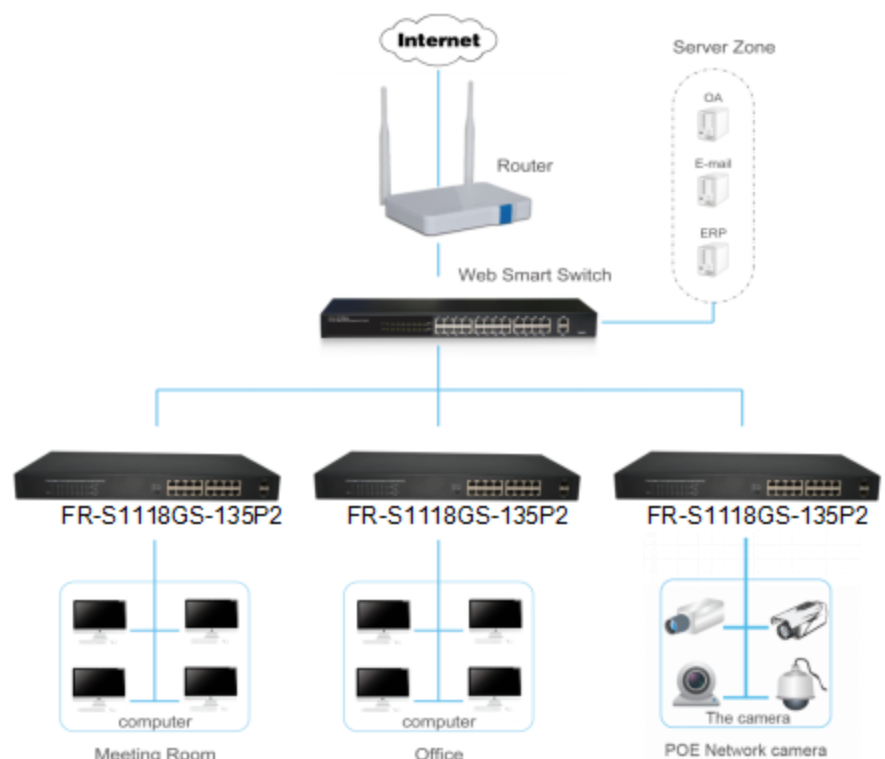
### Description

FR-S1118GS-135P2 16 port 10/100/1000Mbps + 2 port 1000Mbps SFP Slots Multi-Mode PoE Ethernet Switch provides the seamless network connection. This device integrates 1000Mbps Gigabit Ethernet, 100Mbps Fast Ethernet and 10Mbps Ethernet network capabilities. And also can be manually switched to a Normal mode, or LAN mode, or Extend mode to suitable for various occasions flexibly. Based on Gigabit Ethernet Technology, it is essential to helping solve network bottlenecks that frequently develop as more advanced computer users and newer applications continue to demand greater network resources.

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.

The product is highly integrated design, simple operation, a variety of models optional, suitable for a variety of applications, especially for security monitoring occasions.

### The application of topology



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**Features**

- Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3x, IEEE802.3ab, standards
- Supports IEEE802.3af IEEE802.3at standards
- Supporting Normal mode, VLAN mode and Extend mode, flexible to switch
- Supports PoE power up to 30W for each PoE port, all power up to 135W
- Supports up to 8K MAC address
- Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- Support packet length 9216 bytes jumbo frame packet forwarding at wire speed
- 16 x 10/100/1000Mbps Auto MDI/MDI-X Ethernet port
- Two 1000Mbps SFP Slots
- LED indicators for monitoring power, link/activity

**Hardware Specification**

<b>Model Name</b>	FR-S1118GS-135P2	
<b>Chipset</b>	RTL8382L+RTL8218B+2*RTL8231+2*IP808	
<b>Standards and Protocols</b>	IEEE 802.3i、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3x、IEEE 802.3az、IEEE 802.3at、IEEE 802.3af	
<b>Interface</b>	16 x 10/100/1000Mbps Auto-Negotiation ports 2 x 1000Mbps SFP ports	
<b>Network Media</b>	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) 100Base-Tx: UTP category 5, 5e cable (maximum 100m) 1000Base-T: UTP category 5e, 6 cable (maximum 100m) 1000Base-SX:62.5µm/50µm MMF(2m~550m) 1000Base-LX:62.5µm/50µm MMF(2m~550m) Or 10µm SMF (2m~5000m)	
<b>Transfer Method</b>	Store-and-Forward	
<b>MAC Address Table</b>	8K	
<b>Switching Capacity</b>	36Gbps	
<b>Packet Forwarding Rate</b>	26.784Mpps	
<b>Packet Buffer</b>	4.1Mbit	
<b>Jumbo Frame</b>	9216Bytes	
<b>PoE Ports(RJ45)</b>	16* PoE ports compliant with 802.3at/af	
<b>Power Pin Assignment</b>	1/2(+),3/6(-)	
<b>PoE Budget</b>	135W	
<b>Mode</b>	<b>Normal mode</b>	Enable Flow Control and all ports can communicate with each other.
	<b>VLAN mode</b>	Port 1~14 can not communicate with each other, but can communicate with the uplink port 15~16 and SFP1~SFP2.
	<b>Extend mode</b>	Port 1 ~ 8 port rate down to 10Mbps, the farthest transmission distance up to 250 meters, all ports can communicate with each other.



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Indicators	Per Device	Power
	Per Port	Link/Act, PoE
Power Supply		100-240VAC, 50/60Hz, 150W internal power
Power Consumption		Maximum(PoE on):155 W (220V/50Hz)
Dimensions ( W x D x H )		440*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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