

16-Port 10/100Mbps Multi-mode Ethernet Unmanaged Switch

FR-S1116M



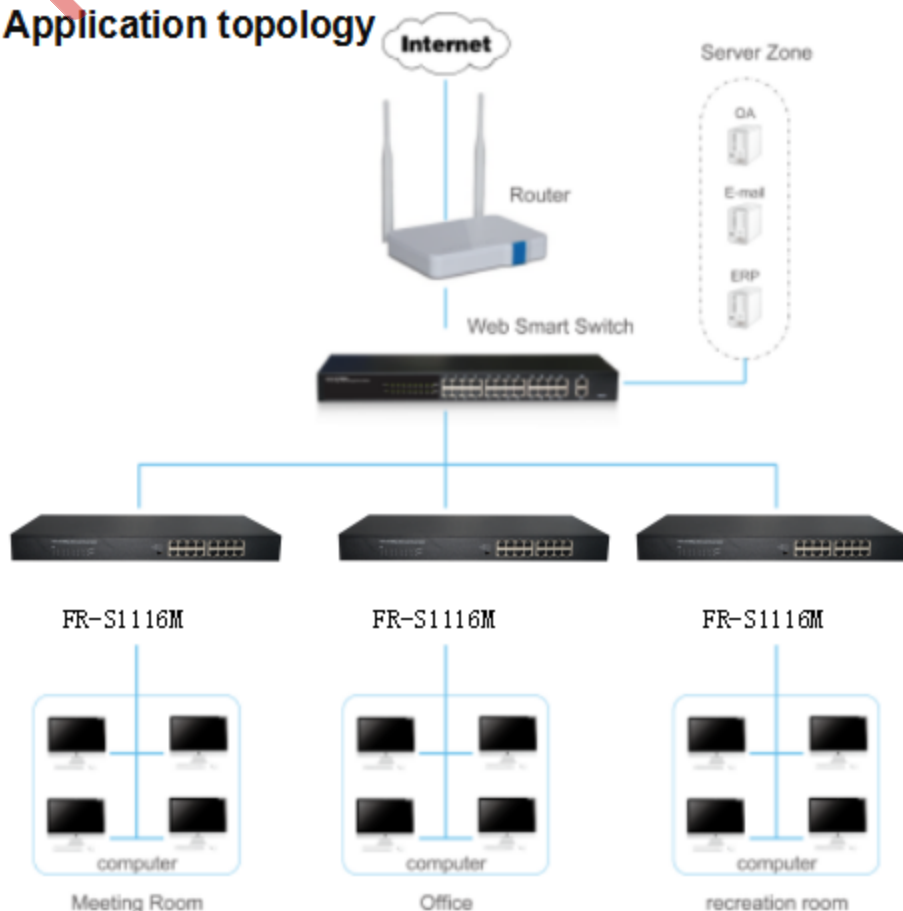
Characteristics

- Intelligent identification
- High performance, durable stability
- Adopt the store - forwarding mode
- Switching Capacity 3.2Gb
- Multi-mode toggle switch

Description

The FR-S1116M 10 / 100Mbps Fast Ethernet switch is ideal for integrating 10Mbps Ethernet and 100Mbps Fast Ethernet devices. All 16 ports are automatically negotiated and have automatic MDI / MDI-X adaptive crossover detection, so you do not have to worry about the type of cable. Each port can be negotiated independently to determine the best speed and half duplex or full duplex mode, up to 200Mbps per port bandwidth. Fast store-and-forward switching prevents damaged packets from continuing to be transmitted over the network. With the Green Ethernet technology (802.3az), through the detection of cable length and workload, automatically adjust the signal strength, without reducing the performance of the equipment and the effectiveness of the case, effectively reduce energy consumption and protect the environment. Besides normal mode, flow control, VLAN mode are supported.

Application topology



16-Port 10/100Mbps Multi-mode Ethernet Unmanaged Switch

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Features

- Complies with IEEE 802.3, IEEE 802.3u, IEEE802.3x, IEEE802.3az standards;
- Supports IEEE 802.3x flow control for Full Duplex mode and back-pressure for Half Duplex mode;
- Store and forward mode operates;
- 16 10/100Mbps Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX;
- Supports MAC address auto-learning and auto-aging;
- LED indicators for monitoring power, link/activity;
- Built-in wide voltage power supply,exquisite housing design;
- Provides 3 modes to choose from, Normal mode, Flow Control mode, VLAN mode ◦

Specification

Model Name	FR-S1116M	
Chipset	RTL8316E	
Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE802.3x, IEEE802.3az	
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)	
Working Mode	Normal mode (Switch all ports can communicate with each other)	
	Flow Control mode(All ports' flow control functions are disable)	
	VLAN mode(1 to 14 can not communicate with each other, but can communicate with the uplink 15 and 16port)	
Transfer Method	Store-and-Foward	
MAC Address Table	8K	
Switching Capacity	3.2Gbps	
Packet Forwarding Rate	2.38Gpps	
Packet Buffer	2Mbits	
Jumbo Frame	2KBytes	
Indicators	Per Device	Power: Green
	Per Port	Link / Act : Green
Power Consumption	Maximum:3.38W (220V/50Hz)	
Dimensions (L×W×H)	440*208*44mm	
Environment	Operating Temperature: 0℃~50℃ Storage Temperature: -40℃~70℃ Operating Humidity: 10%~90% non-condensing Storage humidity: 5%~90% non-condensing	