

16-Port Fast Ethernet Multi-mode Unmanaged Switch



FR-S1016D-E

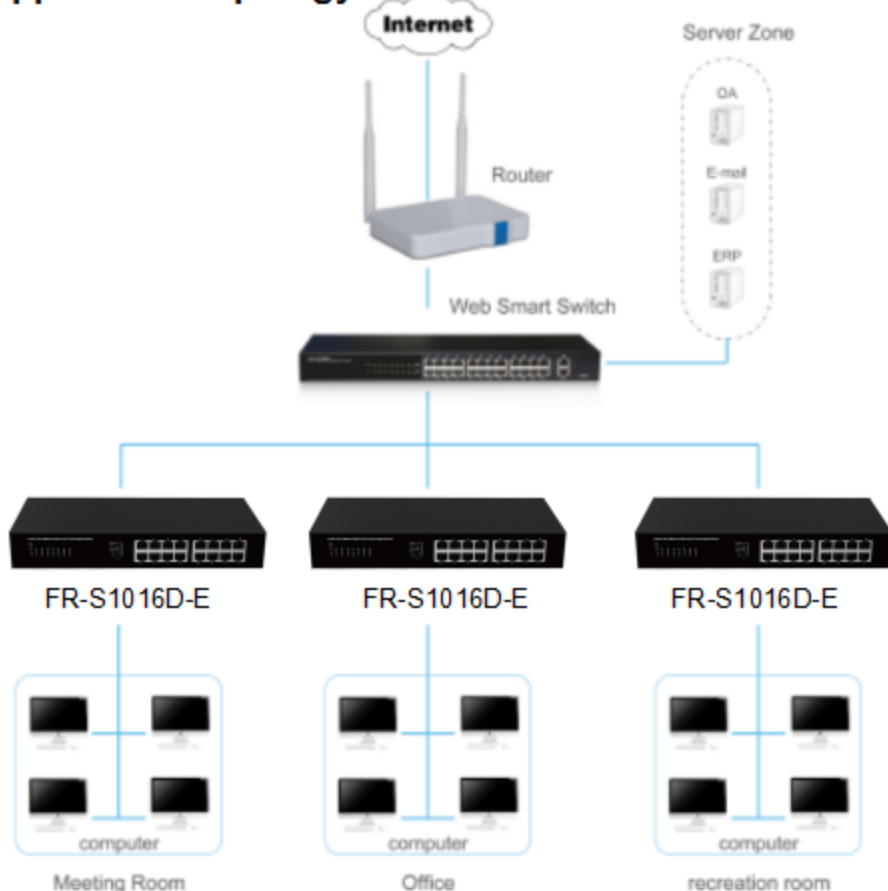
Characteristics

- Intelligent identification
- High performance, durable stability
- Adopt the store - forwarding mode
- Switching Capacity 3.2Gb
- Supports 4 modes

Description

The FR-S1016D-E 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 and extend mode are supported.

Application topology



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Features

- 16 *10BASE-T / 100BASE-T Ethernet ports;
- Support 10 / 100Mbps automatic negotiation and duplex mode;
- Each port supports automatic MDI / MDI - X adaptive crossover detection;
- Support full / half duplex transmission mode is 10 / 100Mbps;
- Support storage and forwarding exchange;
- IEEE802.3i, IEEE 802.3u, IEEE 802.3az ,IEEE802.3x;
- Support hardware-based learning and aging;
- Supports 8192 MAC addresses;
- Built-in universal wide voltage power supply;
- Supports flow control, VLAN, and extend mode.

Specification

Model Name	FR-S1016D-E	
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)	
Transfer Method	Store-and-Forward	
MAC Address Table	8K	
Switching Capacity	3.2Gbps	
Packet Forwarding Rate	2.38Gpps	
Packet Buffer	2Mbits	
Jumbo Frame	2KBytes	
Working Modes	Normal	All ports can communicate with each other
	Flow Control	Flow control function close, all ports can communicate with each other
	VLAN	1~14 ports can not communicate with each other, but can communicate with 15~16 ports
	Extend	Speed of 1~8 ports is reduced to 10 Mbps, transmission distance can reach 250m
Indicators	Per Device	Power: Green
	Per Port	Link / Act : green
Power Consumption	2.75W (220V/50Hz)	

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Dimensions (L×W×H)	280*126*44mm
Environment	Operating Temperature: 0°C~45°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage humidity: 5%~90% non-condensing

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