

24-Port 10/100Mbps + 1-Port Gigabit Combo Base-T SFP multi-mode PoE Switch

FR-S1225MC-190P2



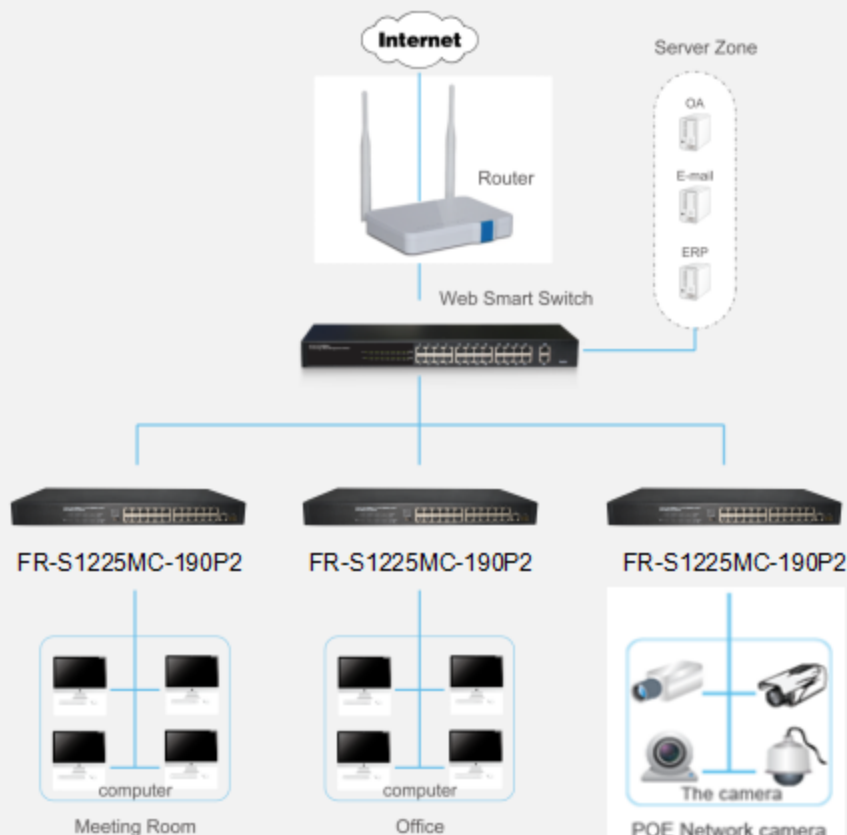
Characteristics

- 24 x 10/100Mbps Auto Negotiation Ethernet port, 1 x 1000Mbps Combo ports
- Support port auto MDI/MDIX
- Switching Capacity up to 6.8G
- Store and forward mode operates
- Support MAC address auto-learning
- Supports PoE power up to 30W , total power up to 190W for all PoE ports
- Free switching of multiple working modes

Description

FR-S1225MC-190P2 is a high performance multi-mode PoE switch. Provides twenty-four 10/100Mbps Auto-Negotiation RJ45 ports, plus one gigabit Combo ports, it can be used to link bandwidth higher upstream equipment. These PoE ports can automatically detect and supply power with those IEEE 802.3at compliant Powered Devices (PD) such as AP, IP Cameras or IP Phones, etc. The switch on the panel to stir, can be configured to automatically switch the normal working mode, port isolation (VLAN) mode, monitoring mode, network extend mode, flexible and extensible family, office network without power line layout restrictions, meet the small and medium-sized enterprises, intelligent community, hotels, parks and office network network networking and access requirements.

Application of topology



24-Port 10/100Mbps + 1-Port Gigabit Combo Base-T SFP multi-mode PoE Switch

FR-S1225MC-190P2

Features

- Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3az, IEEE802.3at, IEEE802.3af standards
- 24 x 10/100Mbps Auto Negotiation Ethernet port, 1 x 1000Mbps Combo ports. All port auto MDI/MDIX
- The switch PoE port power maximum support 30W, the total power consumption of up to 190W
- Supports IEEE802.3x flow control for Full-duplex and backpressure for Half-duplex
- Supports MAC address auto-learning and auto-aging
- Store and forward mode operates
- Free switching of multiple working modes
- LED indicators for monitoring PSE, Link/Activity
- Built in 210W high performance switching power supply

Hardware Specification

Model	FR-S1225MC-190P2	
Chipset	IP1829A+AR8033+3*IP808AR	
Standards	IEEE 802.3 , IEEE 802.3u , IEEE 802.3ab , IEEE802.3x , IEEE802.3az , IEEE802.3at, IEEE802.3af	
Network Media (Cable)	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)	
Transfer Method	Store-and-Forward	
Switching Capacity	6.8Gbps	
Packet Forwarding Rate	5.06Mbps	
Packet Buffer	4Mbit	
MAC Address Table	16K	
Jumbo Frame	16KByte	
Mode	normal mode	switch all ports can communicate with each other
	port isolation mode	1 to 24 can not communicate with each other, but can communicate with the uplink Combo port (25T/S)
	monitoring mode	1 to 8 ports support port priority, optimize port cache, switch all ports can communicate with each other
	network extend mode	1 to 8 port rate down to 10Mbps, the farthest transmission distance of up to 250 meters, all ports can communicate with each other

24-Port 10/100Mbps + 1-Port Gigabit Combo Base-T SFP
multi-mode PoE Switch

FR-S1225MC-190P2

Number of Ports		24 x 10/100Mbps Auto-Negotiation ports 1 x gigabit Combo (RJ45 / SFP) port
PoE Ports(RJ45)		24* PoE ports compliant with IEEE802.3at/af
Power Pin Assignment		1/2(+),3/6(-)
PoE Budget		190W
LED indicators	Per Port	Link/Act:Green PoE: Yellow
	Per Device	Power: Green
Power Supply		AC 100-240V/50-60Hz 210W internal power
Power Consumption		Maximum:233.5W (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