S1900-16TP Switch

Ideal for Small and Medium-sized Enterprise, Intelligent Community, Hotels, Parks and Office Network and Access Requirements

Overview

S1900-16TP Gigabit Ethernet Unmanaged PoE Switch provides a seamless network connection, all ports support Auto MDI/MDIX function. With 16x 10/100/1000Mbps Auto- Negotiation RJ45 ports, the switch is an ideal choice to promote the performance of the department and working group, can provide a high-performance network applicable solution in simple, economical and standard ways.

With the PoE ports, it can automatically detect and supply power with those IEEE 802.3at/af compliant Powered Devices (PD) such as AP, IP Cameras or IP Phones, etc., can meet the small and medium-sized enterprises, intelligent community, hotels, parks and office network and access requirements.

Benefits

- Plug and Play, No Configuration Needed
- 16 PoE Ports with 135W Total Power Budget
- Smart PoE+ 802.3at/af Support
- Support Auto MDI/MDIX
- 6KV Professional Lightning Protection
- Durable Metal Casing, Desktop/Rack-Mounting Options

Features

Full Wire-Speed

The switches provide 10/100/1000Base-T auto-negotiation RJ45 ports. All ports feature wire-speed forwarding, supporting IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control, and the full-duplex transmission rate of the switch can reach 2000 Mbps.

135W PoE Power Supply

Ports 1-16 comply with the IEEE802.3af and IEEE802.3at power supply standards. The entire switch offers a maximum PoE power output of 135W, whereas each port offers a maximum PoE power output of 30W. The ports can be used to supply power to and exchange data with APs and IP cameras.

4 Network Operation Modes Offered

Hardware DIP switch for selection among the Standard, CCTV, VLAN and Isolation modes. Hardware DIP switch to isolate ports to prevent broadcast storm and defend against DHCP spoofing.

Easy to Use

Plug-and-play, which helps you quickly build Gigabit wired network and greatly simplify the management and maintenance of equipment.
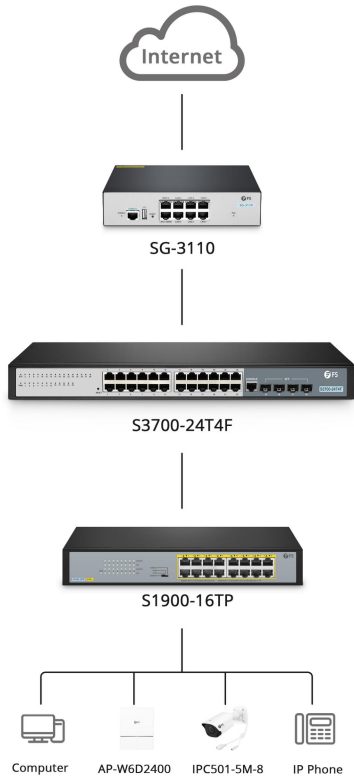
Fanless and Steel Shell

The switches feature a fanless design to extent network without disrupting a quiet office environment, and the metal stainless steel material ensures good heat dissipation performance of the switch, greatly reducing the maintenance cost.

6KV lightning Protection

Integrated with a professional circuit tht offers 6KV lighting and surge protection for the entire device, ensuring proper operation of the device even in severe weather conditions such as thunderstorm and lightning.

Application

Technical Specification

S1900-16TP Gigabit Ethernet unmanaged PoE switch comes with an outstanding performance and quality. Here's a look at the details.

Characteristics

	S1900-16TP
Ports	
Ports	16x 10/100/1000BASE-T Auto-Negotiation ports
PoE Ports (RJ45)	16x PoE ports Compliant with 802.3at/af
Performance	
Switching Capacity	32Gbps
Forwarding Rate	23.6Mpps
Packet Buffer	0.25MB
MAC Address	8K
Jumbo Frame	10KB

Characteristics

	S1900-16TP
Performance	
Transfer Method	Store-and-Forward
Lightning Protection	6KV Port and Power Lighting Protection
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Network Mode	
Standard Mode	The switch functions as a common unmanaged switch and all the ports of the switch can communicate with each other
VLAN Mode	Ports 1 to 14 are isolated from each other, but can communicate with ports 15 and 16 (uplink ports) respectively
CCTV Mode	The port cache is optimized and PoE ports 1-8 have higher priorities over the other ports. All the ports of the switch can communicate with each other
Isolation Mode	Ports 1 to 8 and ports 9 to 16 belong to two different VLAN. This mode can be used to isolate supervision network and wireless network to make them not interfere with each other
Power	
Power Supply	100-240V AC, 50/60Hz, 2A
PoE through pin	1 2 4 5 +; 3 6 7 8 -
PoE Budget	135W
Power Consumption	Maximum: 150W
Physical Specifications	
Fan	Fanless
Product Material	Steel Shell
Mounting Methods	Desktop Mounting Rack Mounting
Dimensions (H×W×D)	1.73"x11.57"x 7.01" (44x294x178mm)
Environmental Specifications	
Operating Temperature	32°F to 104°F (0ºC to 40ºC)
Storage Temperature	-40°F to 158°F (-40ºC to 70ºC)
Operating Humidity	10% to 90% (Non-condensing)
Storage Humidity	5% to 90% (Non-condensing)
Warranty	
Warranty	2 Years

Ordering Information

FS P/N	ID NO.	Description
S1900-5T	#132526	S1900-5T, 5-Port Gigabit Ethernet SOHO Unmanaged Switch, Metal, Fanless, Desktop/Wall-Mount
S1900-5TP	#132528	S1900-5TP, 5-Port Gigabit Ethernet SOHO Unmanaged PoE Switch,5 x PoE+ Ports @60W, Metal, Fanless, Desktop/Wall-Mount
S1900-8T	#132527	S1900-8T, 8-Port Gigabit Ethernet SOHO Unmanaged Switch, Metal, Fanless, Desktop/Wall-Mount
S1900-8TP	#132529	S1900-8TP, 8-Port Gigabit Ethernet SOHO Unmanaged PoE Switch, 8 x PoE+ Ports @140W, Metal, Desktop/RackMount
S1900-16T	#132530	S1900-16T, 16-Port Gigabit Ethernet Unmanaged Switch, Metal, Fanless, Desktop/Wall-Mount
S1900-16TP	#132532	S1900-16TP, 16-Port Gigabit Ethernet Unmanaged PoE Switch, 16 x PoE+ Ports@135W, Metal, Fanless, Desktop/Rackmount
S1900-24T	#132531	S1900-24T, 24-Port Gigabit Ethernet Unmanaged Switch, Metal, Fanless, Desktop/Rackmount