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FS S1900-16TP 16-Port Ethernet Unmanaged PoE Switch User Guide

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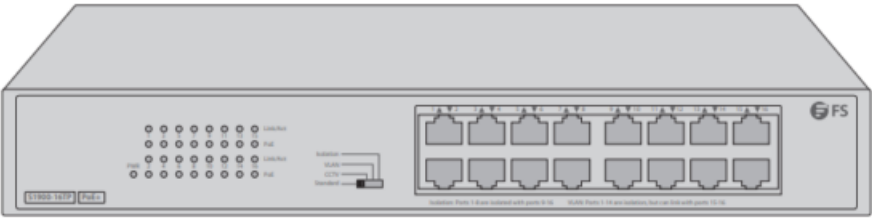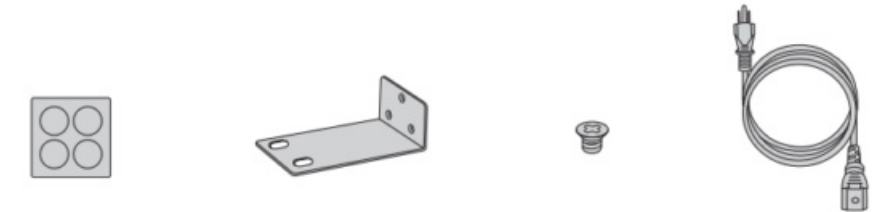**Contents** [hide]

Introduction

Thank you for choosing S1900-16TP switch. This guide is designed to familiarize you with the layout of the switch and describes how to deploy the switch in your network.

S1900-16TP

Accessories

Rubber Pad x4   Mounting Bracket x2   Screw x6 (KM3*8mm)   Power Cord x1
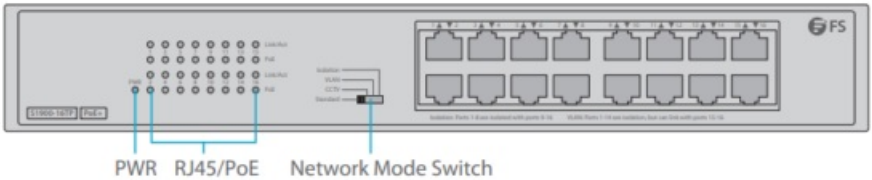
Hardware Overview

Front Panel Ports
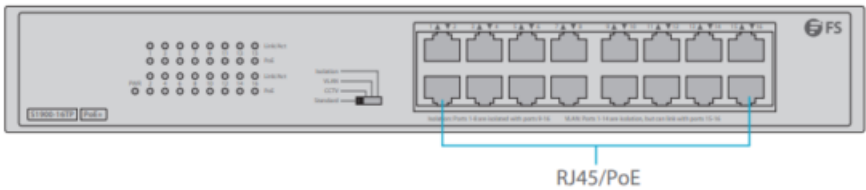
RJ45/PoE

Ports	Description
RJ45/PoE	10/100/1000BASE-T ports for Ethernet connection. All ports support PoE function.

Front Panel

PWR   RJ45/PoE   Network Mode Switch

LEDs	Status	Description
PWR	Solid on	The switch is connected to a power supply properly.
	Off	The switch is not connected to a power supply properly or not connected to a power supply.
RJ45	Solid on	The port is connected properly.
	Blinking	The port is transmitting or receiving data.
	Off	The port is not connected properly or not connected to a device.
PoE	Solid on	A PD is connected to the PoE port and powered properly.
	Off	No PD is connected to the PoE port.

Network Mode Switch:

Set the network mode to the one you need using the network mode switch according to the following description.

Standard Mode (default):

In this mode, the switch functions as a common switch and all the ports of the switch can communicate with each other.

CCTV Mode:

- In this mode, PoE ports 1-8 have higher priorities over the other ports. All the ports of the switch can communicate with each other.
- If multiple IP cameras are connected to the switch, you are recommended to enable this mode and connect special supervision IP cameras to the ports with high priority the two uplink ports of the switch to upstream devices (such as NVR, router, and so on), to ensure smoother monitoring video playback.
- Ports 15 and 16 are uplink ports.

VLAN Mode:

- In this mode, ports 1 to 14 are isolated from each other, but can communicate with ports 15 and 16 (uplink ports) respectively.
- And the switch can reduce broadcast storm and isolate DHCP broadcast.

Isolation Mode:

- In this mode, ports1 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.

Back Panel

Grounding Point   Power Supply
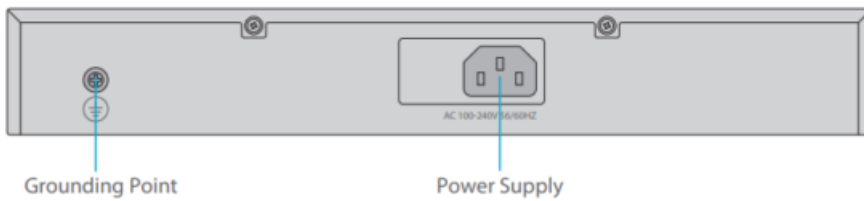
Installation Requirements

Before you begin the installation, make sure that you have the following:

- Desktop mounting: ESD bracelet (or ESD gloves)
- Rack mounting: ESD bracelet (or ESD gloves), Phillips screwdriver, M6 Screws, Standard-sized 19″ wide rack with a minimum of 1U height available.

Site Environment:

- Do not operate it in an area that exceeds an ambient temperature of 40°C.
- The installation site must be well ventilated. Ensure that there is adequate air flow around the switch.
- Be sure that the switch is level and stable to avoid any hazardous conditions.
- Do not install the equipment in a dusty environment.
- The installation site must be free from leaking or dripping water, heavy dew, and humidity.
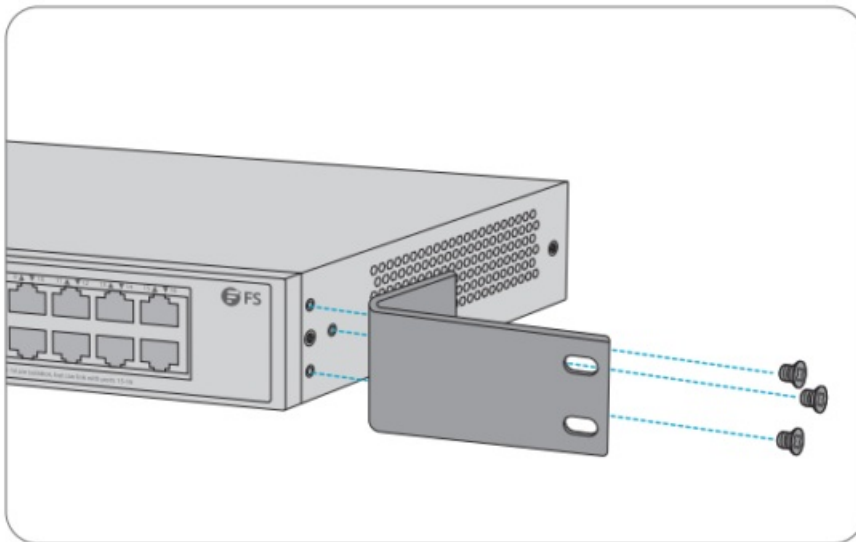- Ensure rack and working platforms are well earthed.
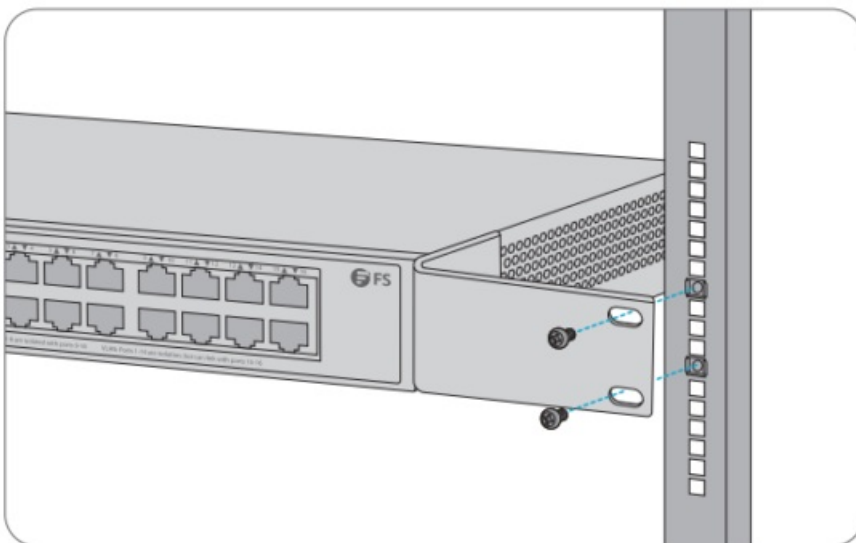
Mounting the Switch

Desk Mounting

1. Attach four rubber pads to the bottom.
2. Place the chassis on a desk.
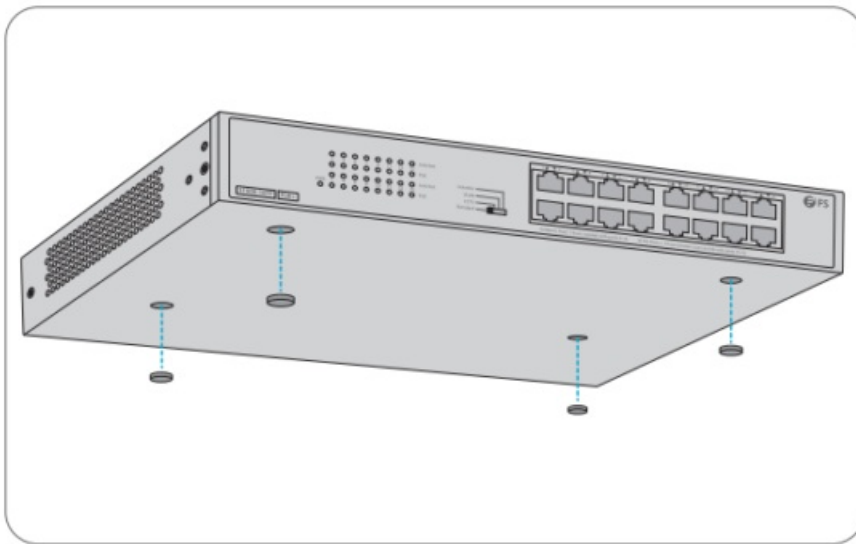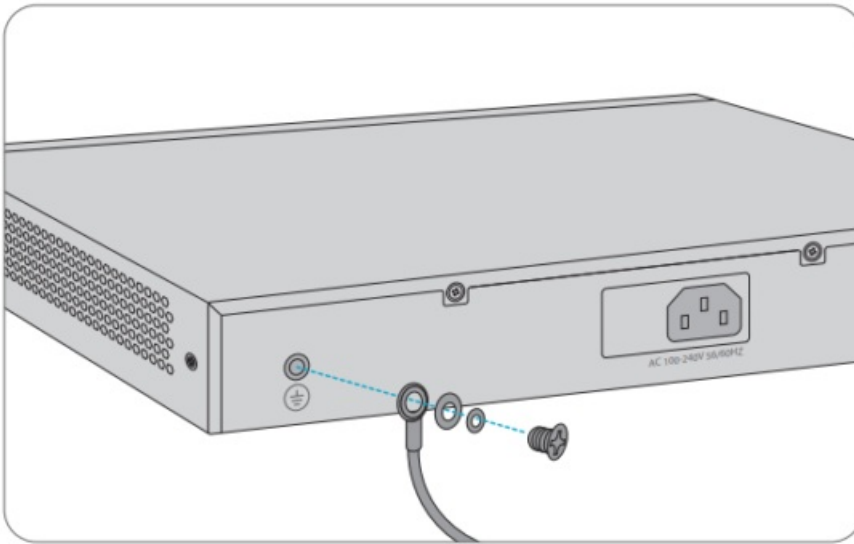
Rack Mounting

1. Secure the mounting brackets to the two sides of the switch with six KM3*8 screws.

2. Attach the switch to the rack using the screws and tighten it.
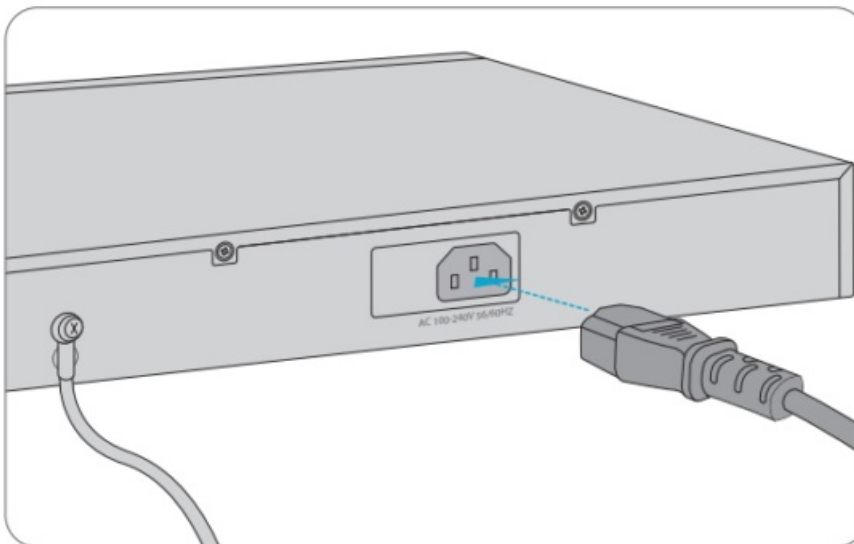
Grounding the Switch

1. Connect one end of the grounding cable to a proper earth ground, such as the rack in which the switch is mounted.
2. Secure the grounding lug to the grounding point on the back of the switch with the washer and screws.

 CAUTION: The earth connection must not be removed unless all supply connections have been disconnected.
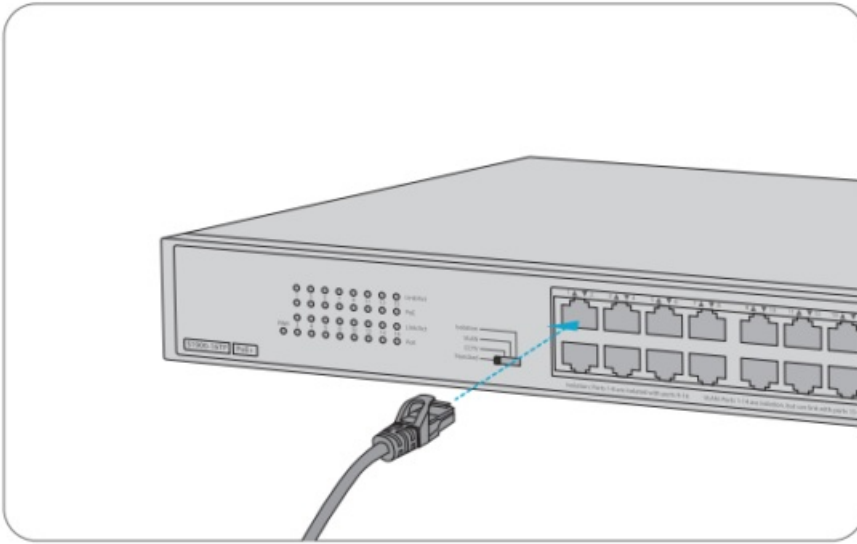
Connecting the Power

1. Plug the AC power cord into the power port on the back of the switch.
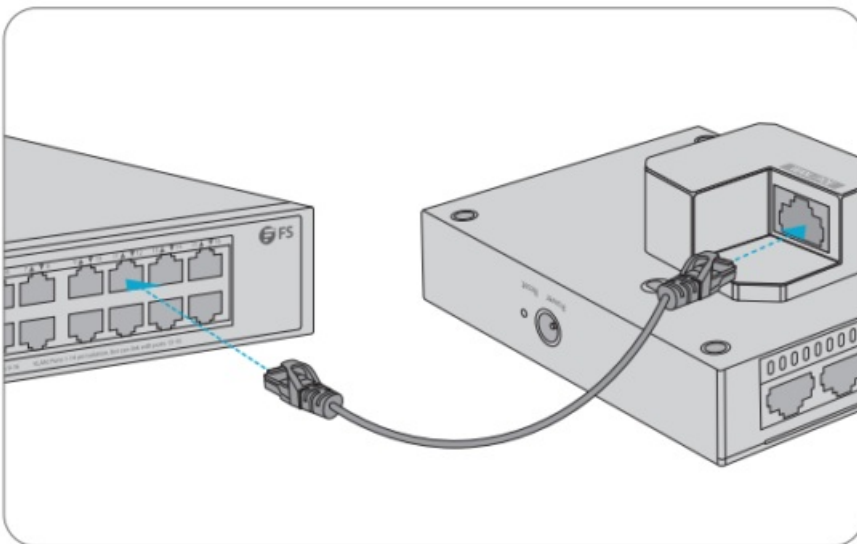2. Connect the other end of the power cord to an AC power source.

 WARNING: Do not install power cable while the power is on.

Connecting the RJ45 Ports

1. Connect an Ethernet cable to the RJ45 port of a computer, printer, network storage, or other network devices.
2. Connect the other end of the Ethernet cable to the RJ45 port of the switch.

Connecting the PD

1. Connect an Ethernet cable to the PD devices, such as internet phone, network camera, wireless access point device.
2. Connect the other end of the Ethernet cable to the RJ45 port of the switch.

Support and Other Resources

- Download **https://www.fs.com/products_support.html**
- Help Center **https://www.fs.com/service/fs_support.html**
- Contact Us **https://www.fs.com/contact_us.html**

Product Warranty

FS ensures our customers that any damage or faulty items due to our workmanship, we will offer a free return

within 30 Days from the day you receive your goods. This excludes any custom made items or tailored solutions.

Warranty: S1900-16TP Switch enjoys 2 years limited warranty against defect in materials or workmanship. For more details about warranty, please check at **https://www.fs.com/policies/warranty.html**

Return: If you want to return item(s), information on how to return can be found at **https://www.fs.com/policies/day_return_policy.html**

Compliance Information

FCC

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION:
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

Responsible party (only for FCC matter)
FS.COM Inc.
380 Centerpoint Blvd, New Castle, DE 19720, United States
https://www.fs.com

FS.COM GmbH hereby declares that this device is in compliance with the Directive 2014/30/EU and 2014/35/EU. A copy of the EU Declaration of Conformity is available at
www.fs.com/company/quality_control.html

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Documents / Resources

FS S1900-16TP 16-Port Ethernet Unmanaged PoE Switch [pdf] User Guide
S1900-16TP, 16-Port Ethernet Unmanaged PoE Switch, S1900-16TP 16-Port Ethernet Unmanaged PoE Switch

References

- ⑤ **FS.com - Data Center, Enterprise, Telecom**
- ⑤ **Quality Certification - FS.com**
- ⑤ **Ein weltweit führender Anbieter von Hochgeschwindigkeits-Konnektivitätsgeräten und -lösungen. - FS.com Deutschland**
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