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FS COM AC-7072 Enterprise Wireless LAN Controller User Guide
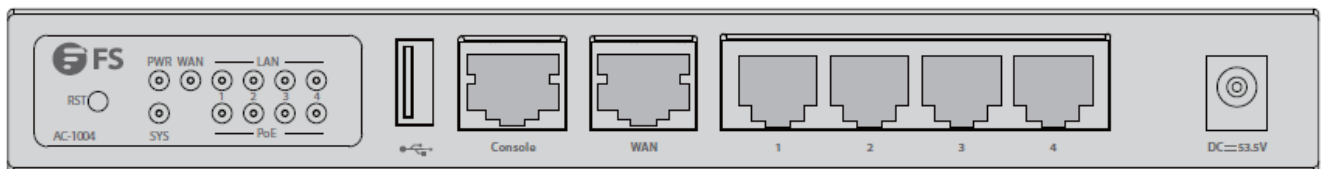
Contents

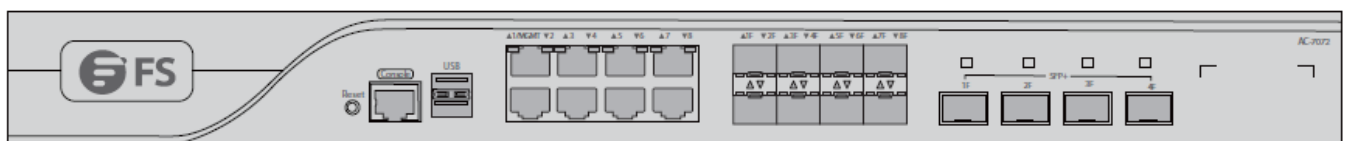# FS COM AC-7072 Enterprise Wireless LAN Controller

Introduction

Thank you for choosing the enterprise wireless LAN controller. This guide is designed to familiarize you with the layout of the wireless LAN controller and describes how to deploy the wireless LAN controller in your network.
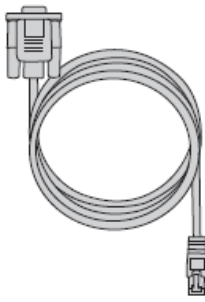

AC-1004

AC-7072

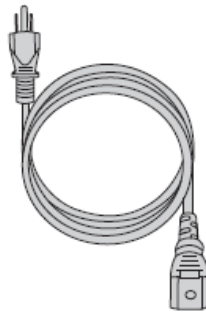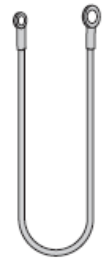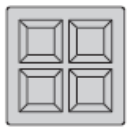## Accessories

AC-7072

Console Cable x1
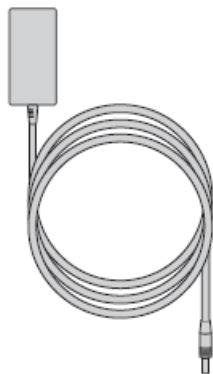

Power Cord x1
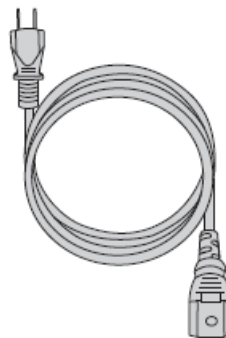

Grounding Cable x1

Rubber Pad x4

M4 Screw x4

Mounting Bracket x2

AC-1004

Power Adapter x1

Power Adapter x1

Screw Anchor x2

Hardware Overview

AC-1004
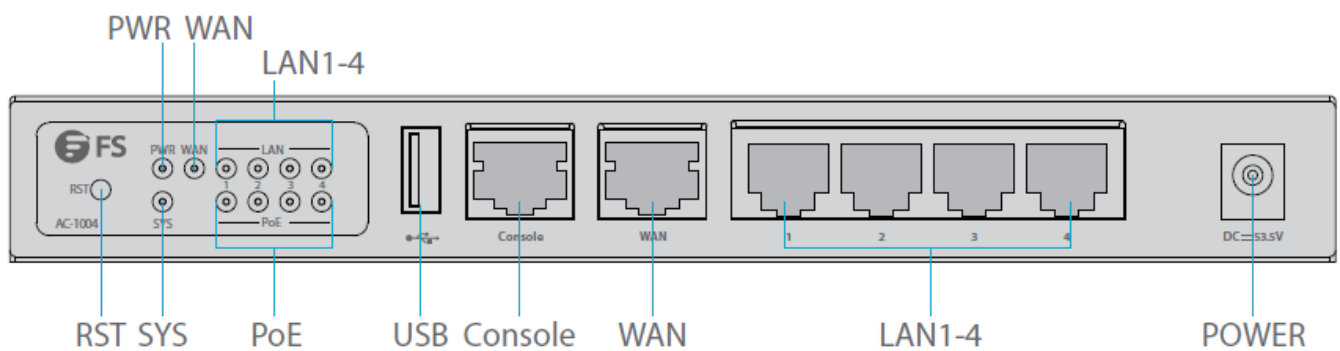
Front Panel Port

Ports	Description
POWER	53.5V DC power port
WAN	Wide Area Network interface
LAN1-4	First Local Area Network interface
CONSOLE	A RJ45 console port for serial management
USB	A USB management port for software and configuration backup and offline software up grade

Front Panel Button

Buttons	Description
RESET	Press it for more than 3s: Restore to Factory Default Settings. Press it for less than 3s: Restart the controller.

Front Panel LED

LEDs	State	Description
SYS	Off	The system is abnormal.
	Blinking Green	The system is initializing.
	Solid Green	The initialization process is complete.
PWR	Off	The controller is powered off.
	Solid Green	The controller is powered on.
POE	Off	POE is powered off.

	Solid Orange	POE is powered on.
LAN	Off	No Port Llink
	Solid Green	Port 1000M Link Up
	Blinking Green	Port 1000M Data Transceiver
	Solid Orange	Port 100/10M Link Up
	Blinking Orange	Port 100/10M Data Transceiver
WAN	Off	No Port Link
	Solid Green	Port 1000M Link Up
	Blinking Green	Port 1000M Data Transceiver
	Solid Orange	Port 100/10M Link Up
	Blinking Orange	Port 100/10M Data Transceiver

Back Panel

Grounding Point

AC-7072
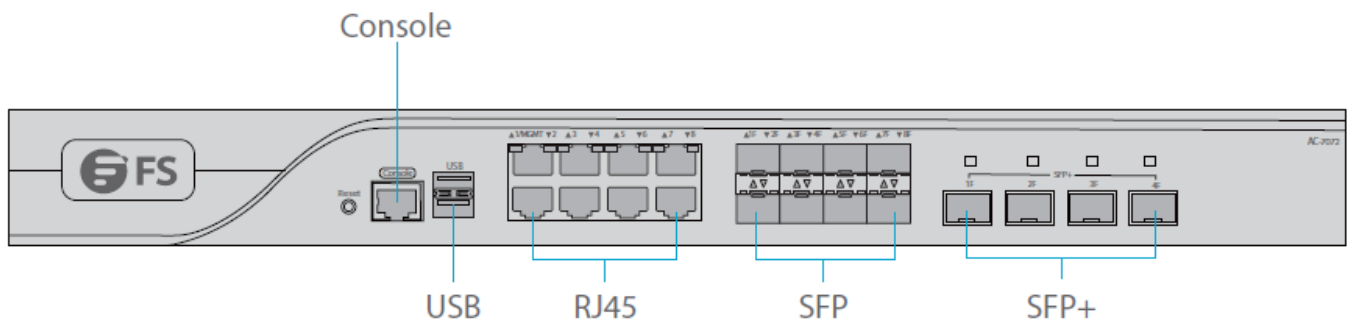
Front Panel Port

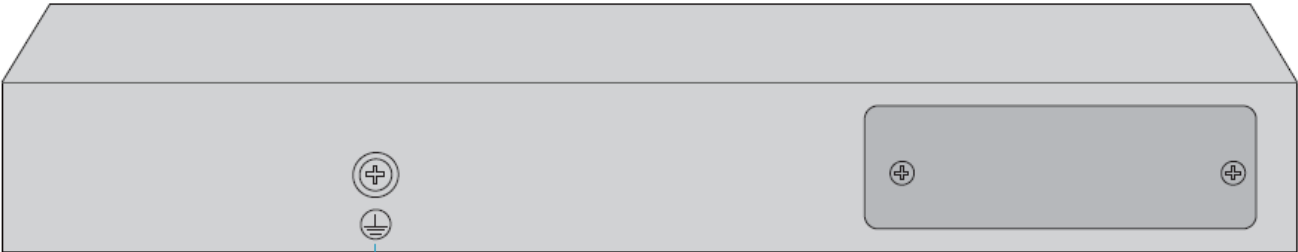| Ports	Description
CONSOLE	A RJ45 console port for serial management
USB	A USB management port for software and configuration backup and offline software up grade
RJ45	10/100/1000Base-T ports for Ethernet connection
SFP	Optical&Electrical Multiplexing 1000Base-X SFP port for 1G connection
SFP+	10GBASE-SR/LR SFP+ port for 10G connection

Front Panel Button

Buttons	Description
RESET	Restore to Factory Default Settings.

Front Panel LED

| LEDs	State	Description
SYSTEM	Blinking Green	The system is initializing.
	Solid Green	The initialization process is complete.
	Solid Red	The system sends out an alarm.
1-8F **Electrical Indicator**	Solid Green	1G LINK
	Solid Yellow	100/10M LINK
	Blinking	Data Transceiver
1F-8F 1G **Optical Indicator**	Blinking Green	Link
	Solid Green	Data Transceiver
1F-4F 10G **Optical Indicator**	Blinking Green	Link
	Solid Green	Data Transceiver

Back Panel

Power

Grounding Point
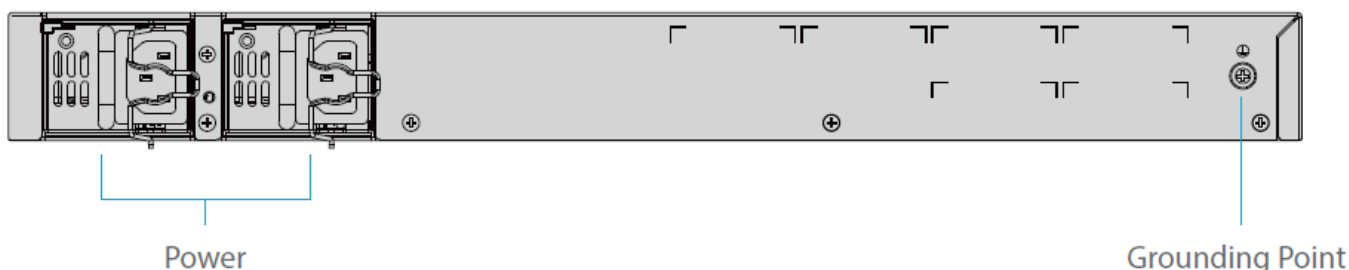
Installation Requirements

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

- Phillips screwdriver.
- Standard-sized, 19″ wide rack with a minimum of 1U height available.
- Category 5e or higher RJ-45 Ethernet cables and fiber optical cables for connecting network devices.

Site Environment

- Make sure the installation site is dry and flat.
- Keep the controller far away from the heat source.
- Ensure that the controller is properly grounded.

- Wear an anti-static wrist strap during installation and maintenance.
- Keep the controller and installation tools away from walkways.
- Use UPS (Uninterruptible Power Supply) to prevent power failure and other interference.

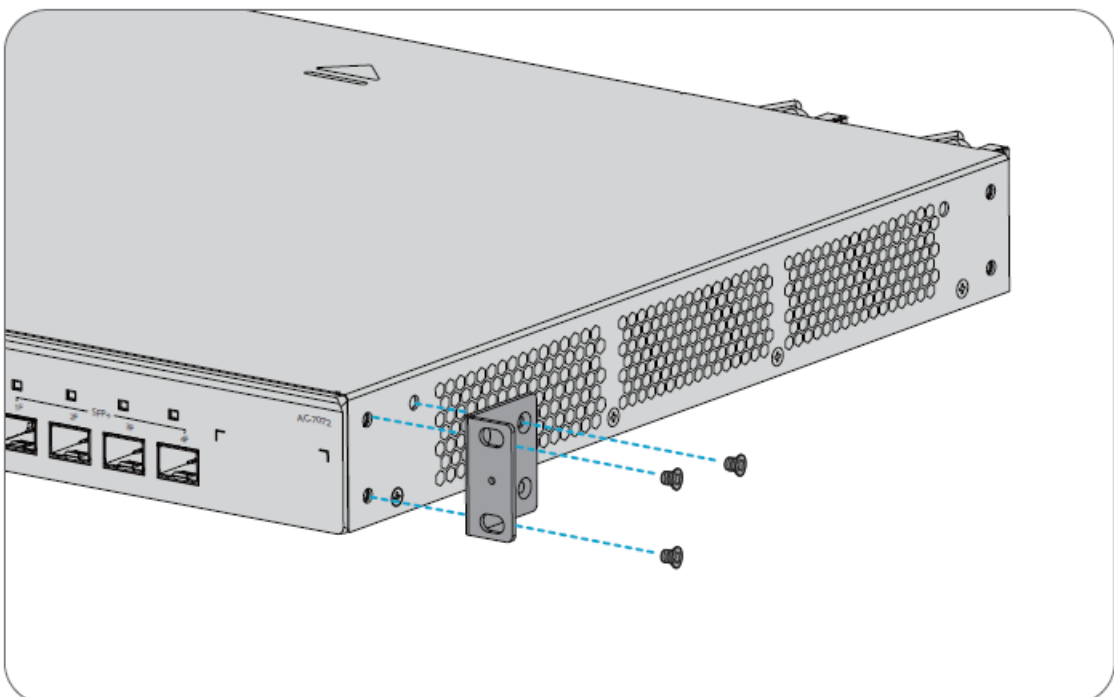## Mounting the Wireless LAN Controller
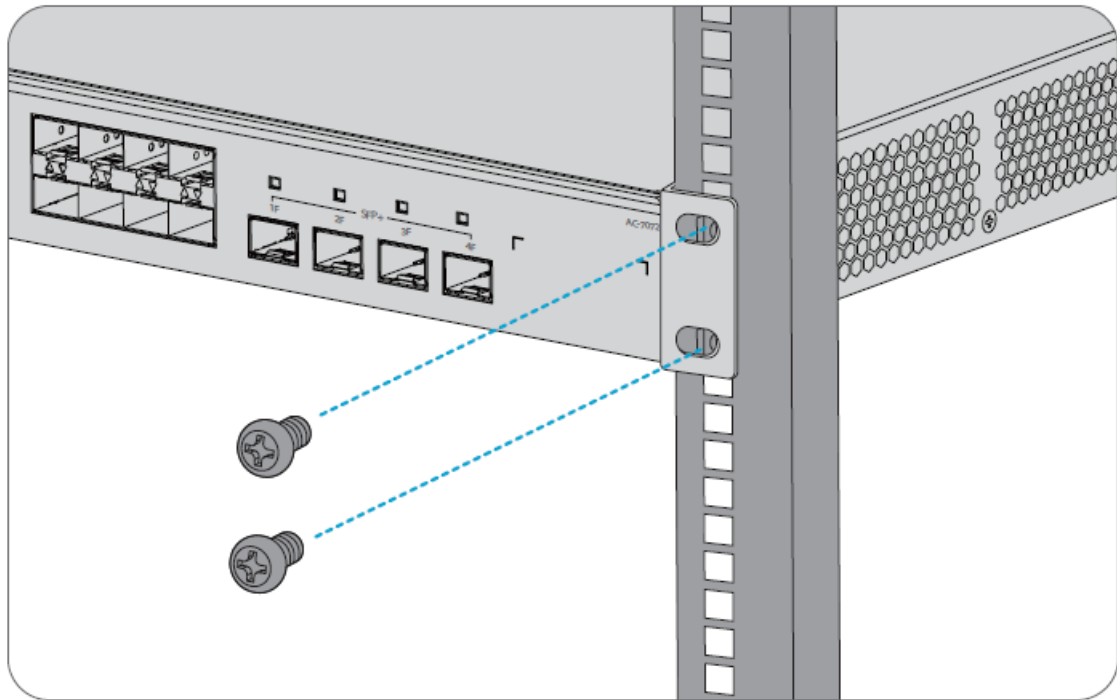
Desk Mounting
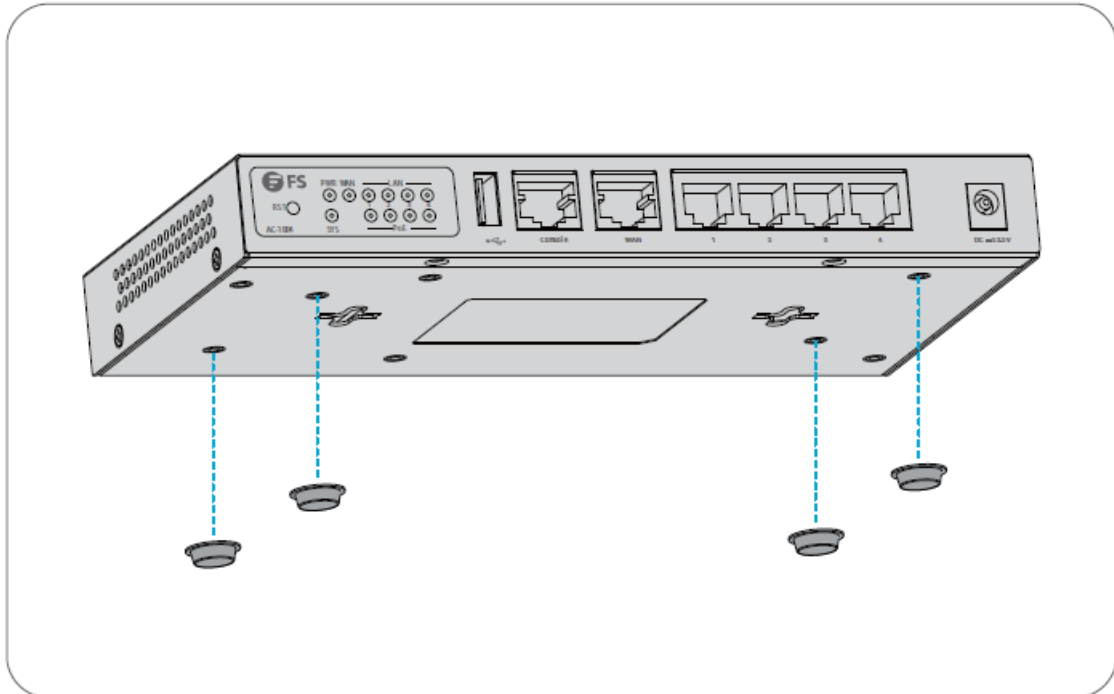
1. Attach four rubber pads to the bottom.
2. Place the controller on a desk.

Rack Mounting

1. Secure the mounting brackets on the two sides of the controller with six M4 screws.
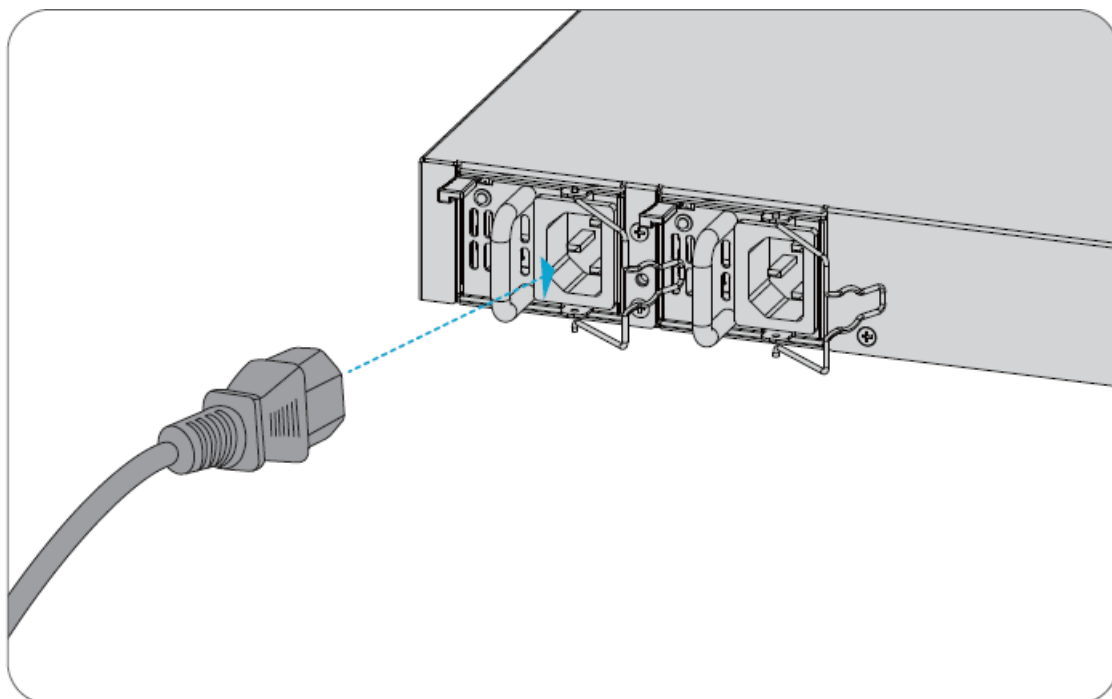
2. Attach the contro ller to the rack using four M6 screws and cage nuts.

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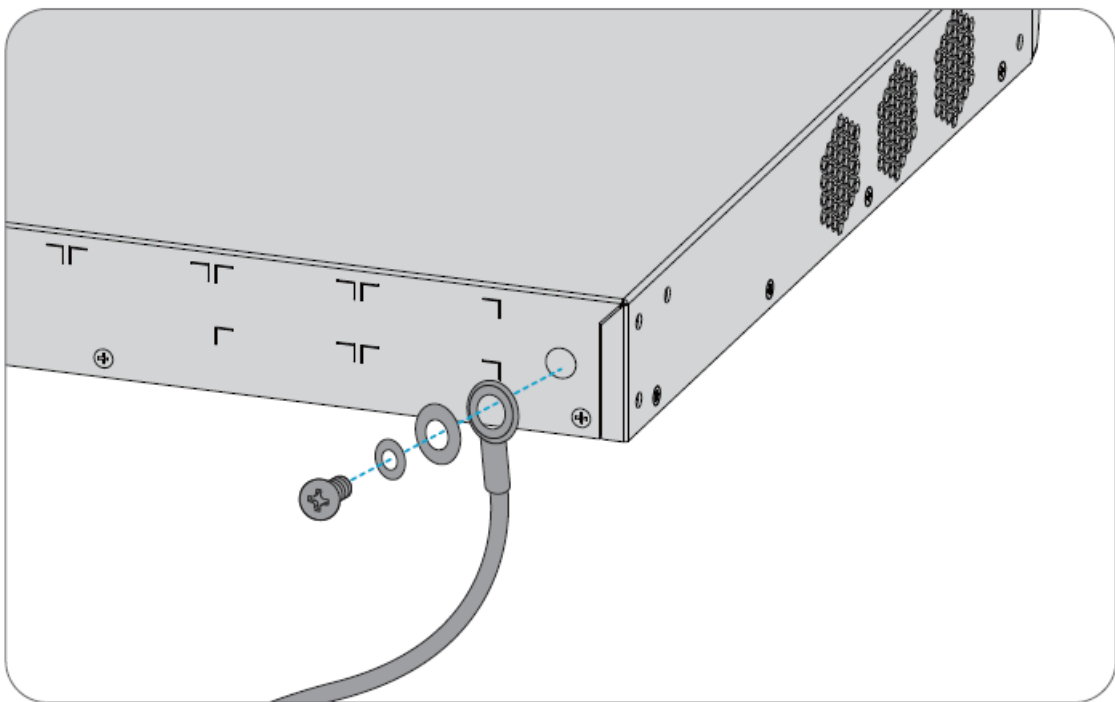
1. Connect one end of the grounding cable to a proper earth ground, such as the rack in which the controller is mounted.
2. Secure the grounding lug to the grounding point on the controller back panel with the washers and screws.

Connecting the Power

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

Connecting the Console Ports
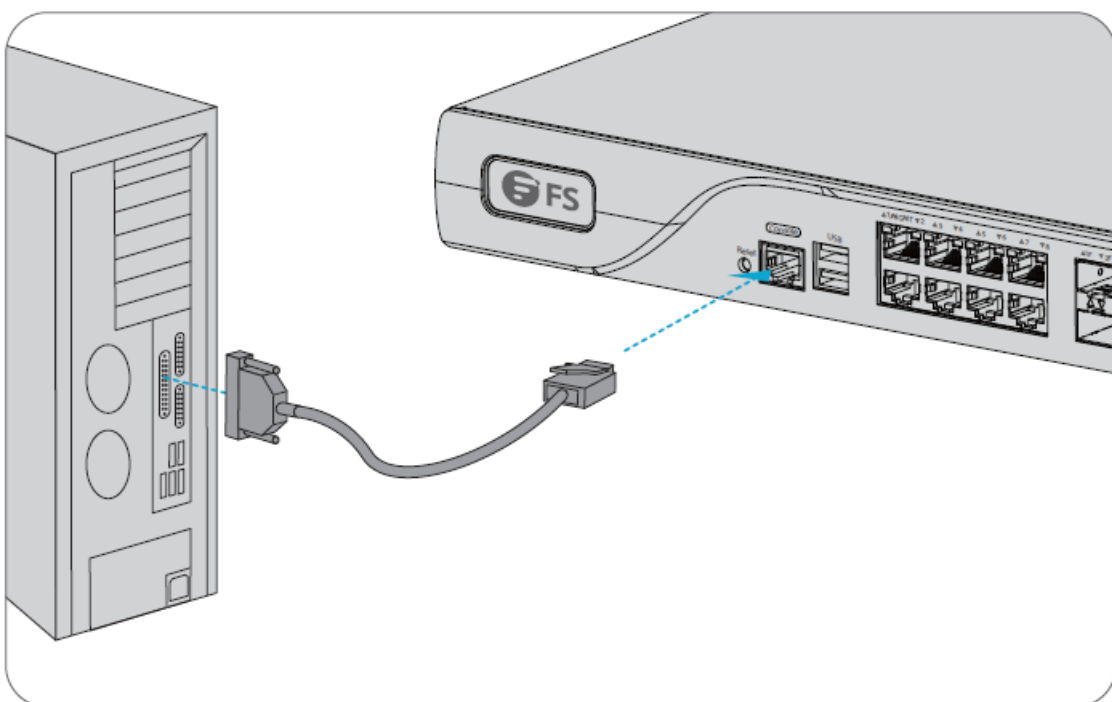
1. Insert the RJ45 connector into the RJ45 console port on the front panel.
2. Connect the DB9 female connector of the console cable to RS-232 serial port on the computer.

Connecting the RJ45 Ports

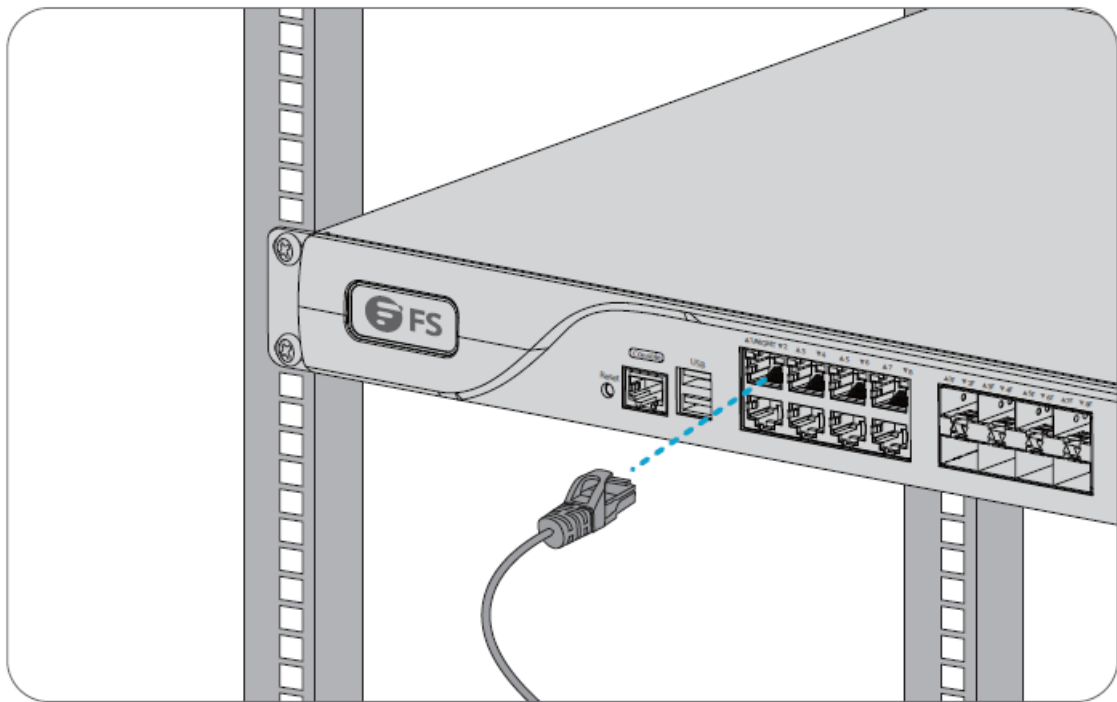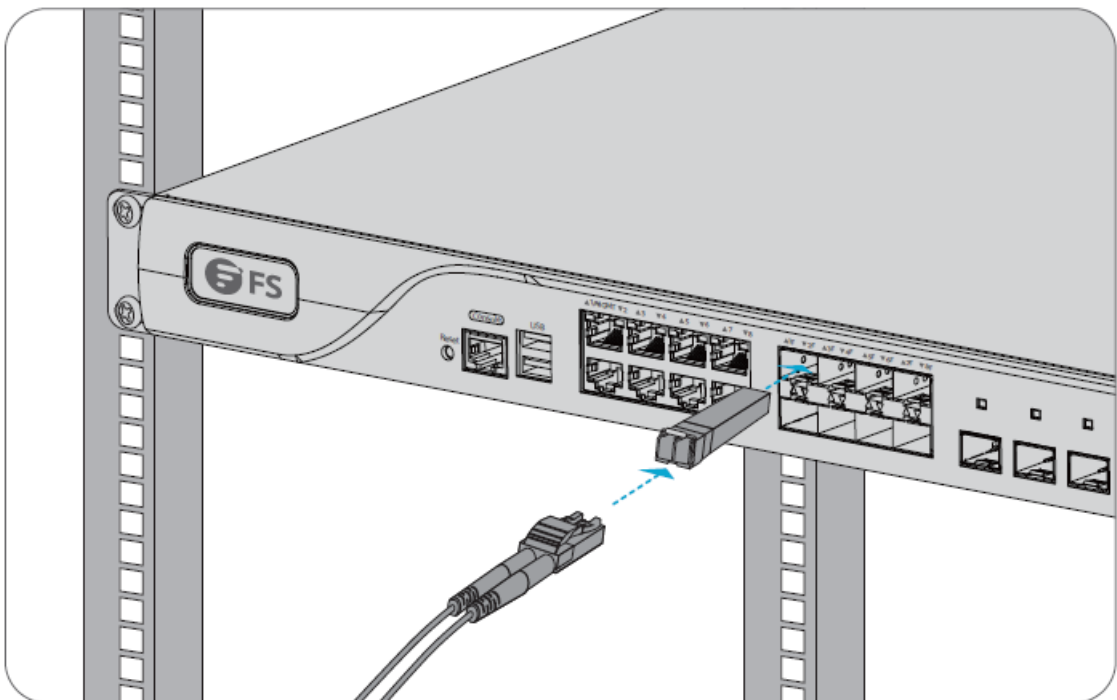1. Connect an Ethernet cable to the RJ45 port of a computer or other network devices.
2. Connect the other end of the Ethernet cable to the RJ45 port of the controller.

Connecting the SFP Ports

1. Plug the compatible SFP transceiver into the SFP port.
2. Connect a fiber optic cable to the fiber transceiver. Then connect the other end of the cable to another fiber device.

NOTE: The AC-1004 can't be mounted in the rack. Other detailed steps of its installation are the same as the AC-7072.

Configuring the Wireless LAN Controller

Configuring the Controller Using the Console Port

Step 1: Connect a computer to the controller's console port using the supplied console cable.
Step 2: Start the terminal simulation software such as HyperTerminal on the computer.
Step 3: Set the parameters of the HyperTerminal: 9600 bits per second, 8 data bits, no parity, 1 stop bit and no flow control.

Step 4: After setting the parameters, click Connect to enter.

Troubleshooting

The Screen Displays Request Timed Out

1. Check if the network cable is intact.
2. Check if the hardware connection is correct.
3. The system status indicator on the device panel and the NIC indicator on the computer must be lit.
4. The computer's IP address setting is correct.

Online 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 if there are 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. We will also offer free software update service. This excludes any custom made items or tailored solutions.

Warranty: This product enjoys 3 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

Documents / Resources

AC-7072 **ENTERPRISE WIRELESS LAN CONTROLLER** ENTERPRISE WIRELESS LAN CONTROLLER CONTROLEUR LAN SANS FIL POUR ENTREPRISE Quick Start Guide Quick-Start-Anleitung Guide de Démarrage Rapide	**FS COM AC-7072 Enterprise Wireless LAN Controller** [pdf] User Guide AC-7072, Enterprise Wireless LAN Controller, Wireless LAN Controller, LAN Controller, AC-7072, Controller

References

- **FS.com - Data Center, Enterprise, Telecom**
- **Contact Us - FS.com**
- **Kontakt - FS.com Deutschland**
- **Rückgaberecht - FS.com Deutschland**
- **Ein weltweit führender Anbieter von Hochgeschwindigkeits-Konnektivitätsgeräten und -lösungen. - FS.com Deutschland**
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