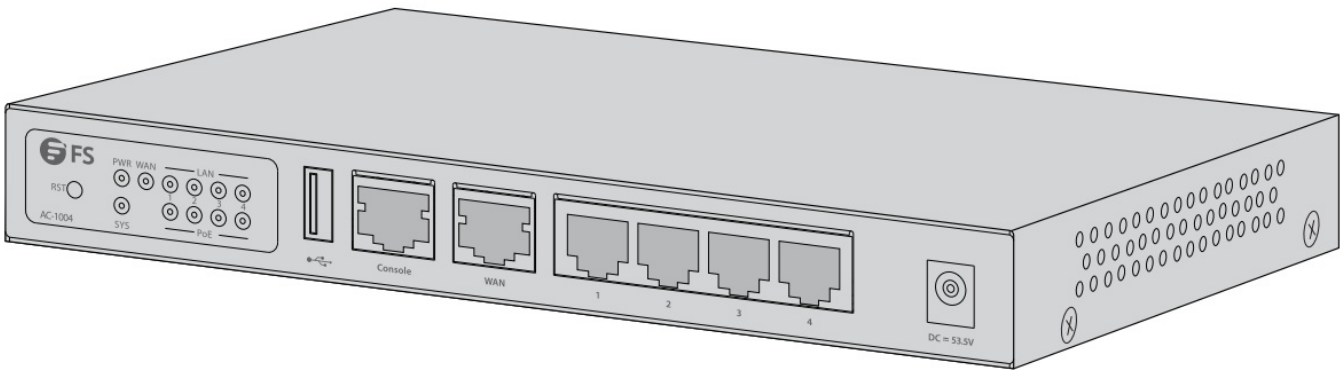




# FS AC-1004 Enterprise Wireless LAN Controller User Guide

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FS AC-1004 Enterprise Wireless LAN Controller

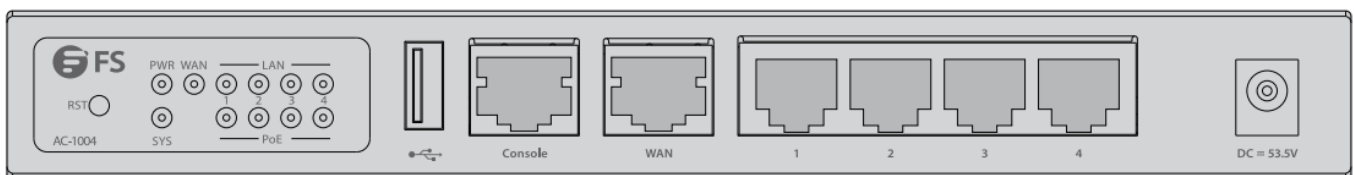


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## Introduction

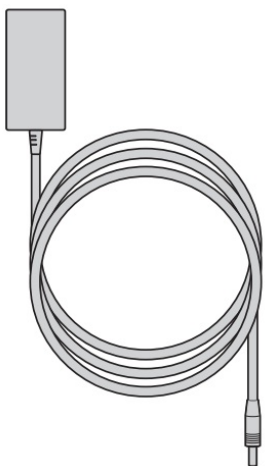
Thank you for choosing the enterprise wireless LAN controller. This guide is designed to familiarize you with the layout of the wireless LAN controller and describes how to deploy it in your network.



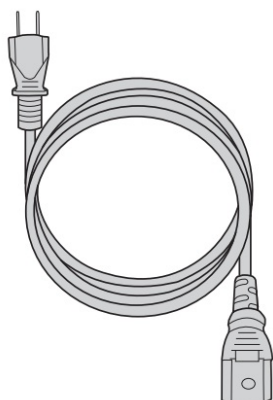
AC-1004

## Accessories

- Power Adapter xl



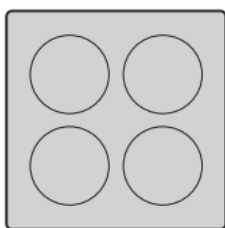
- Power Cord x1



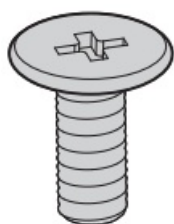
- Screw Anchor x2



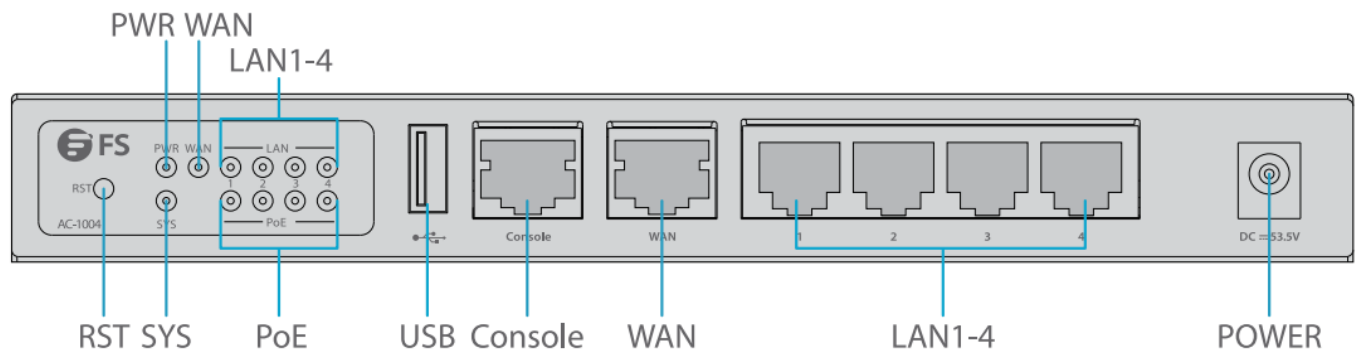
- Rubber Pad x4



- Screw x2



Hardware Overview



Front Panel Ports

Ports	Description
POWER	53.SV DC power port
WAN	Wide Area Network interface
LAN1-4 (RJ45)	First Local Area Network interface
CONSOLE	An RJ45 console port for serial management
USB	A USB management port for software and configuration backup and offline software upgrade

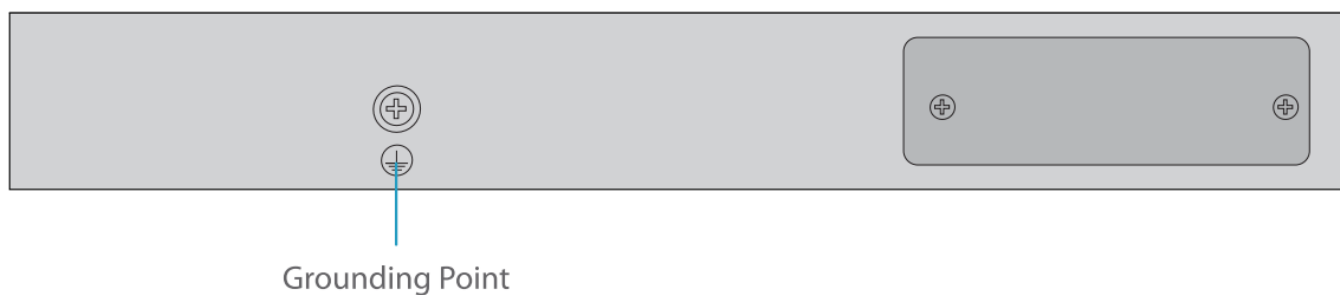
Front Panel Button

Bouton	Description
RESET	Press it for more than 3s: Restore to Factory Default Settings. Press it for less than 3s: Re start the controller.

Front Panel LEDs

LEDs	State	Description
SYS	Off	The system is abnormal.
	Blinking Green	The system is initializing.
	Solid Green	The initialization process is complete.
	Off	The controller is powered off.
PWR	Solid Green	The controller is powered on.
	Off	POE is powered off.
POE	Solid Orange	POE is powered on.
	Off	No Port Link.
	Solid Green	Port 1000M Link Up.
LAN (RJ45)	Blinking Green	Port 1000M Data Transceiver.
	Solid Orange	Port 100/10M Link Up.
	Blinking Orange	Port 100/10M Data Transceiver.
	Off	No Port Link.
	Solid Green	Port 1000M Link Up.
WAN	Blinking Green	Port 1000M Data Transceiver.
	Solid Orange	Port 100/10M Link Up.
	Blinking Orange	Port 100/10M Data Transceiver.

## Back Panel



## Installation Requirements

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

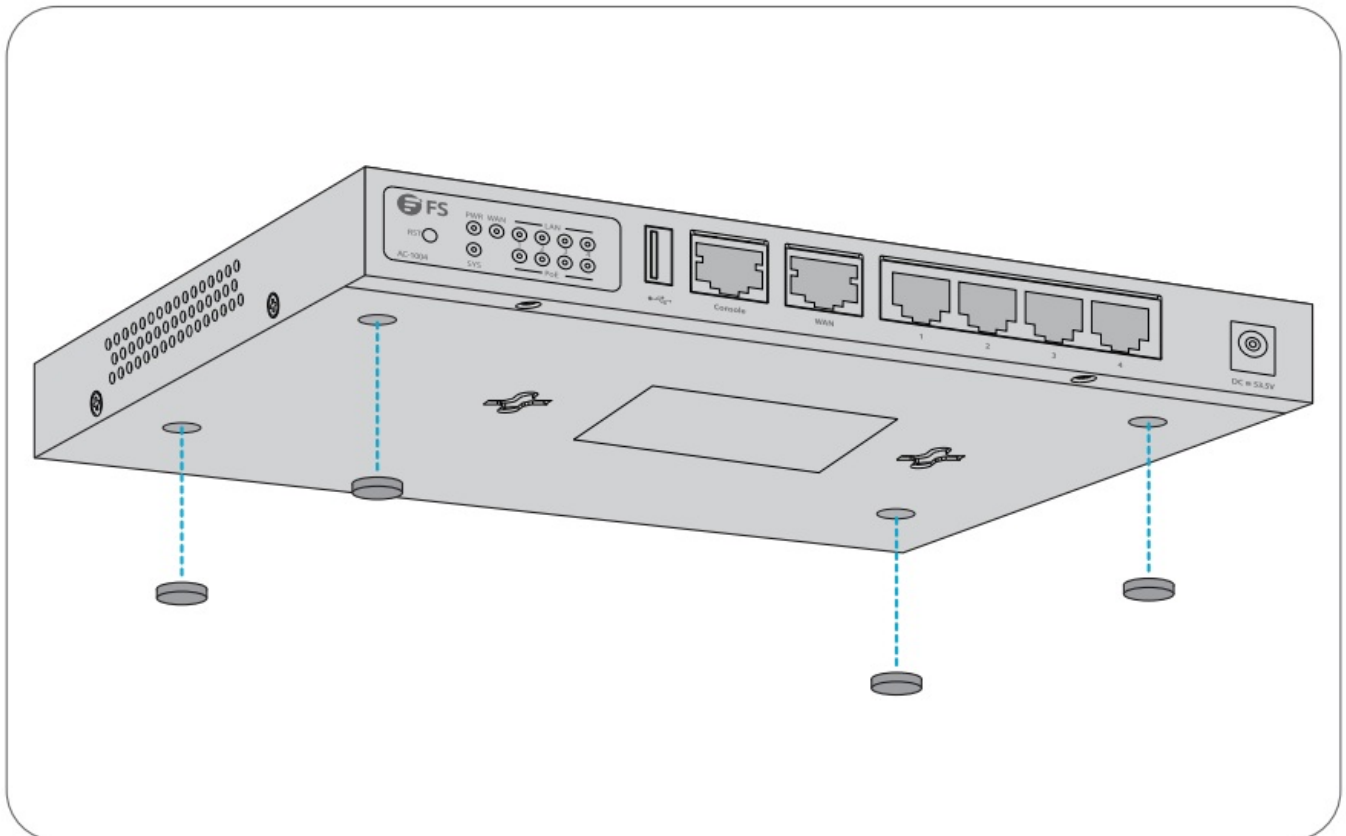
- Phillips screwdriver.
- Standard-sized, 19" wide rack with a minimum of 1 U height available.
- Category Se or higher RJ-45 Ethernet cables and fiber optical cables for connecting network devices.

## 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

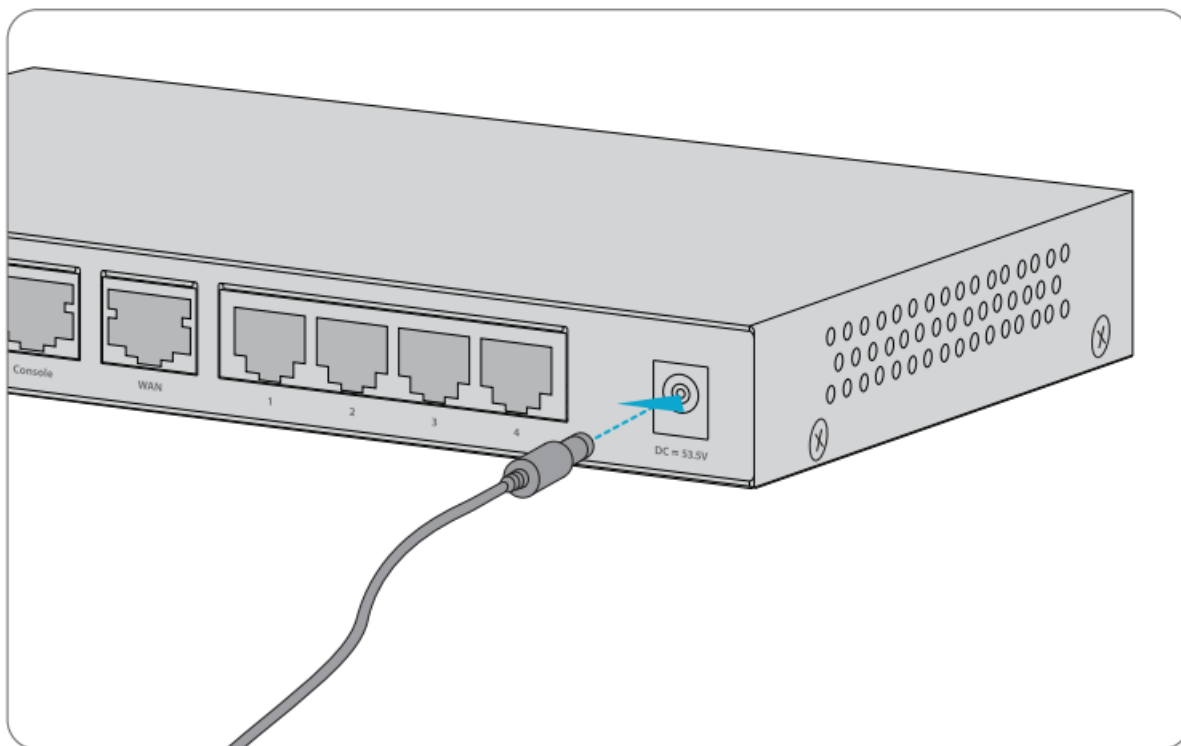


1. Attach four rubber pads to the bottom.
2. Place the controller on a desk.

### Grounding the Controller

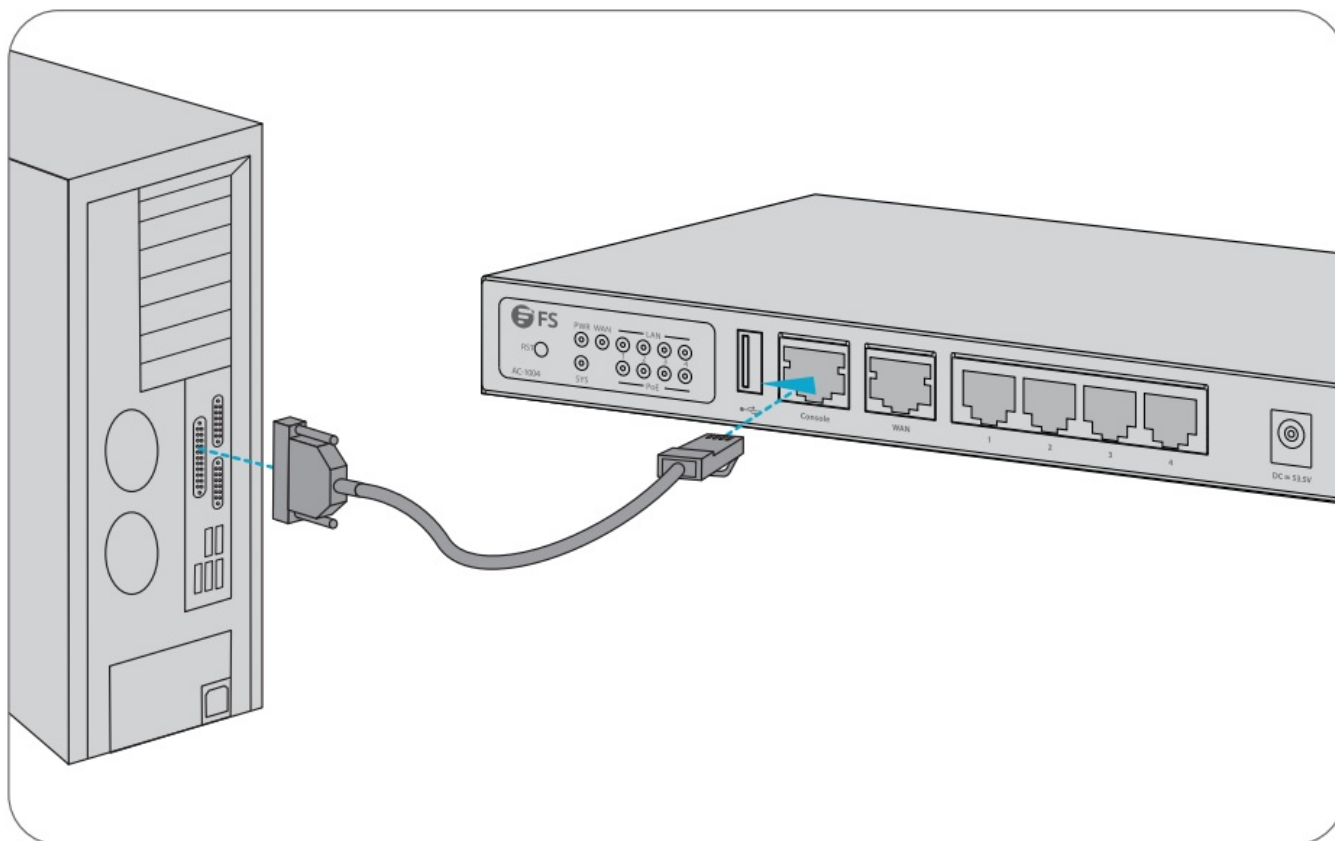
1. Connect one end of the grounding cable to a proper earth ground, such as the rack in which the controller is mounted.
2. Secure the grounding lug to the grounding point on the controller back panel with the washers and the screw.

### Connecting the Power



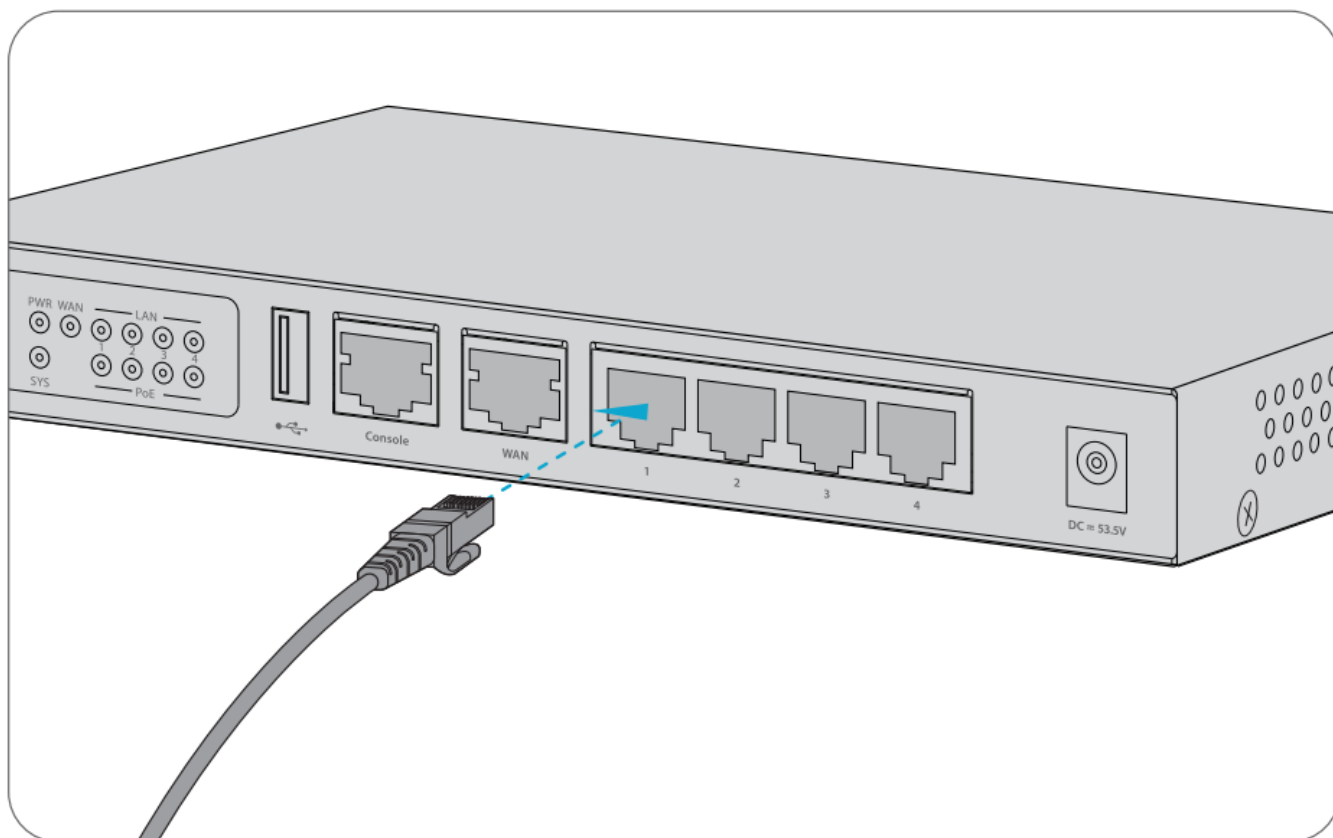
1. Plug the AC power cord into the power port on the back panel.
2. Connect the other end of the power cord to an AC power source.

#### Connecting the Console Port



1. Insert the RJ45 connector into the RJ45 console port on the front panel.
2. Connect the D89 female connector of the console cable to the 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.

## 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: Baud rate to 9600, Data bits to 8, Parity to None, Stop bits to 1.

Quick Connect

×

Protocol: 

Serial

The port may be manually entered or selected from the list.

Port: 

COM3

Baud rate: 

9600

Data bits: 

8

Parity: 

None

Stop bits: 

1

Name of pipe:

☐ Show quick connect on startup

☐ Save session

☐ Open in a tab

Connect

Cancel

Flow Control

☐ DTR/DSR

☐ RTS/CTS

☐ XON/XOFF

**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 state LED on the device panel and the NIC LED 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](https://www.fs.com/products_support.html)
- Help Center [https://www.fs.com/service/fs\\_support.html](https://www.fs.com/service/fs_support.html)
- Contact Us [https://www.fs.com/contact\\_us.html](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 a free software update service. This excludes any custom-made items or tailored solutions.




**Warranty:** The product enjoys a 3-year limited warranty against defects in materials or workmanship. For more details about the warranty, please check at <https://www.fs.com/policies/warranty.html>



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



## Documents / Resources

 <small>AC-1004 ENTERPRISE WIRELESS LAN CONTROLLER ENTERPRISE WIRELESS LAN CONTROLLER CONTROLLER LAN WIRELESS WIRELESS CONNECTIVITY Quality Start Guarantee</small>	<p><a href="#">FS AC-1004 Enterprise Wireless LAN Controller</a> [pdf] User Guide AC-1004 Enterprise Wireless LAN Controller, AC-1004, Enterprise Wireless LAN Controller, Wireless LAN Controller, LAN Controller, Controller</p>
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## References

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