

[Manuals.plus](#) /

› [Aumox](#) /

› [Aumox SG308P 8-Port Gigabit PoE Switch User Manual](#)

## Aumox SG308P

# Aumox SG308P 8-Port Gigabit PoE Switch User Manual

Model: SG308P | Brand: Aumox

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Aumox SG308P 8-Port Gigabit PoE Switch. This unmanaged network switch is designed for reliable and efficient data transmission, offering Power over Ethernet (PoE) capabilities for compatible devices.

The Aumox SG308P features 8 Gigabit RJ45 ports, with all 8 ports supporting 802.3af/at PoE, providing up to 30W per port and a total PoE power budget of 120W. Its plug-and-play design ensures easy setup without complex configuration. The sturdy metal housing and fanless design contribute to its durability and silent operation.

## PACKAGE CONTENTS

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Please verify that your package contains the following items:

- Aumox 8-Port PoE Gigabit Switch (Model: SG308P)
- AC Power Cord
- User Manual

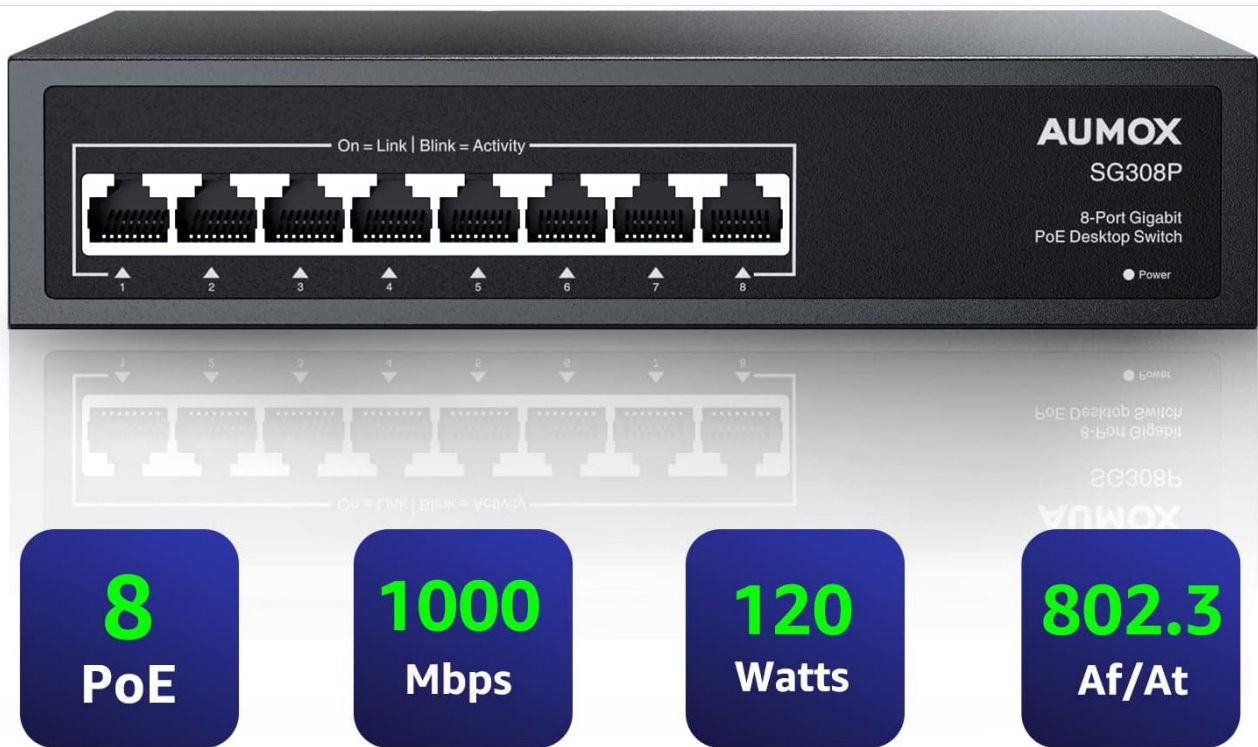


Image: The Aumox SG308P 8-Port Gigabit PoE Switch with its power cord and user manual.

## PRODUCT OVERVIEW

The Aumox SG308P is an unmanaged Gigabit PoE switch designed for various networking needs, from home to small business environments. It combines high-speed data transfer with Power over Ethernet capabilities.

### Key Features:

- **8 Gigabit RJ45 Ports:** Provides 8x 10/100/1000Mbps RJ45 ports for high-speed wired connections.
- **120W PoE Power Budget:** All 8 ports support 802.3af/at PoE, delivering up to 30W per port with a total power budget of 120W for connected PoE devices.
- **Plug and Play:** No configuration required, ensuring easy and quick setup.
- **Fanless Design:** Operates silently, making it suitable for quiet environments.
- **Sturdy Metal Housing:** Durable metal casing ensures product longevity and efficient heat dissipation.
- **Compact Size:** Supports both desktop placement and wall-mount installation for flexible deployment.

# Aumox 8 Port Gigabit PoE Switch

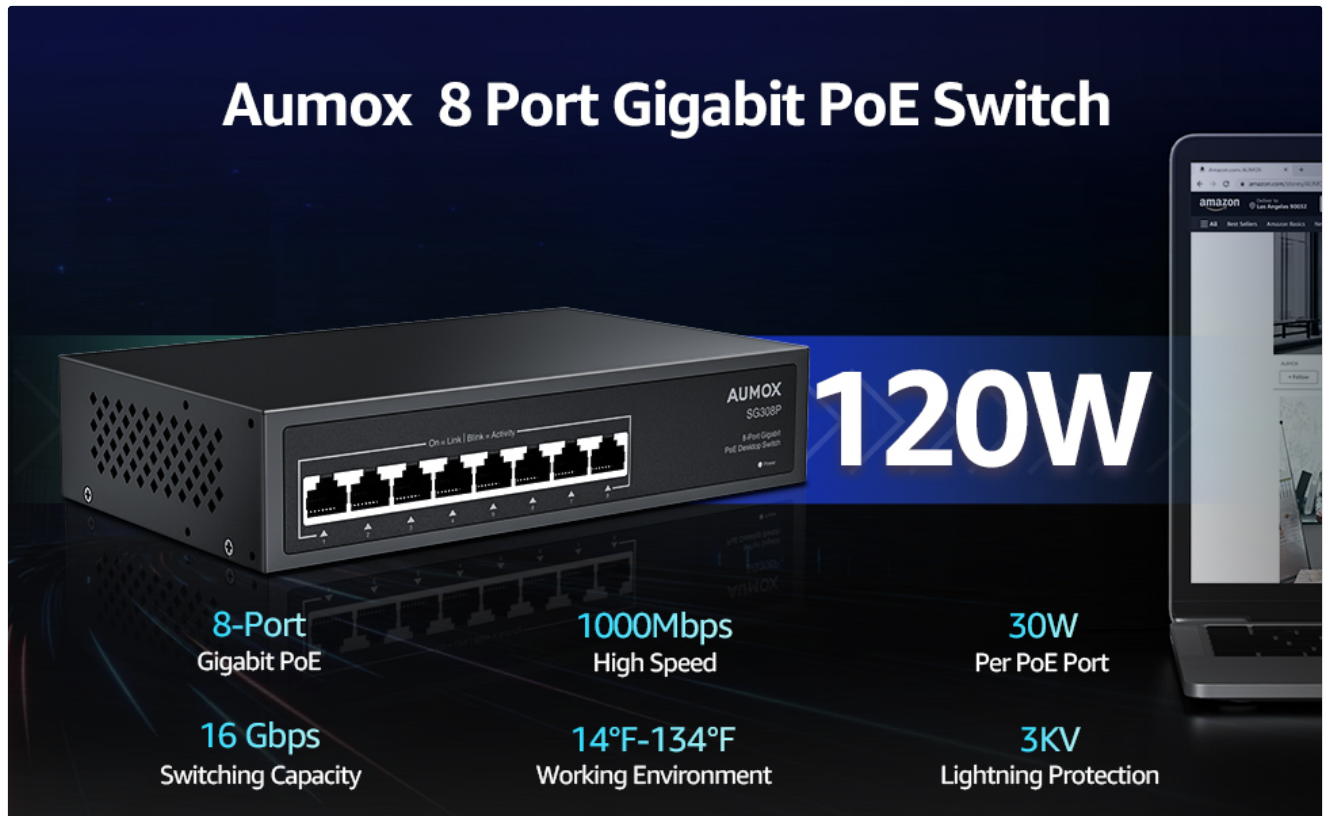


Image: Illustration showing the Aumox SG308P switch with its 8 ports, highlighting the 30W per port and 120W total PoE budget.

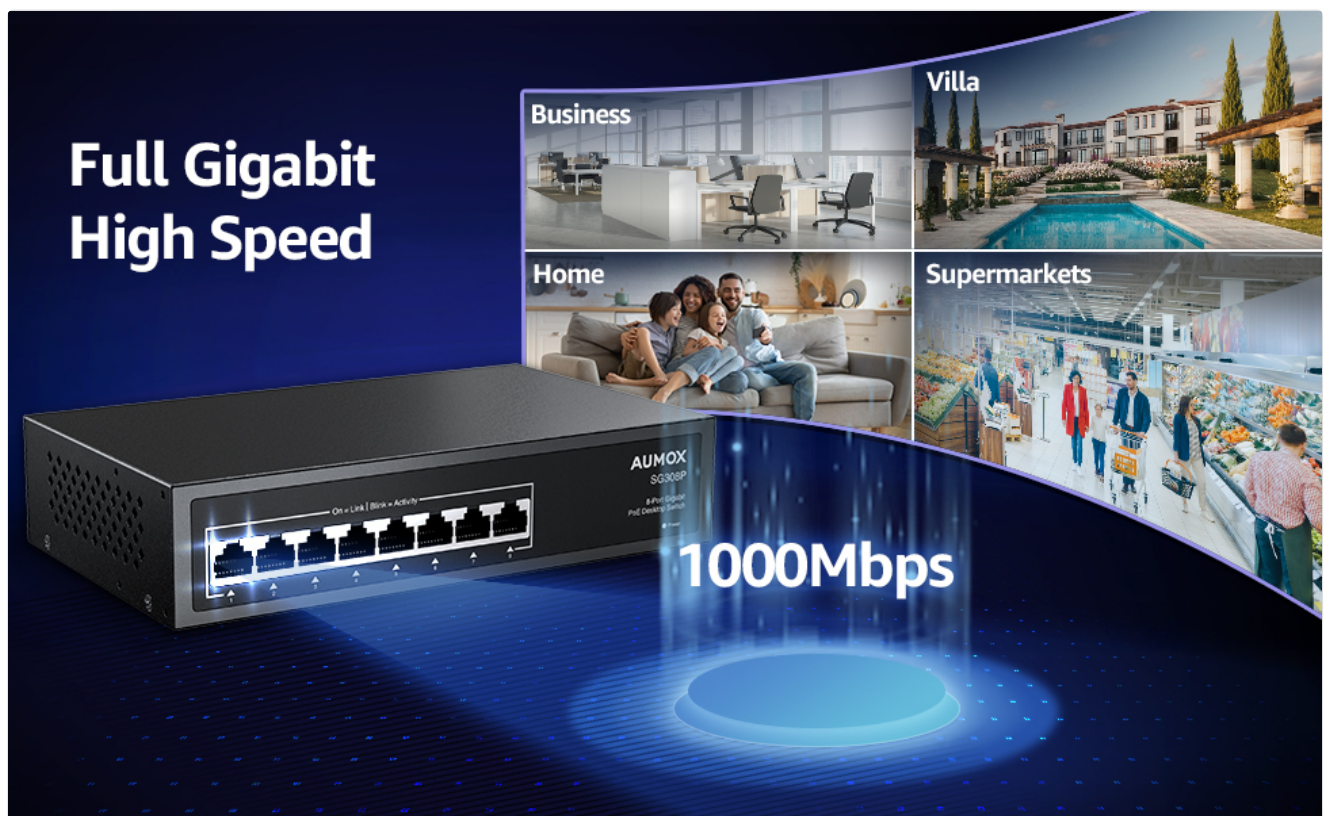


Image: Diagram illustrating the 1000Mbps data transmission capability of the RJ45 ports on the Aumox SG308P.

# Wide Application



Image: The compact dimensions of the Aumox SG308P (7.9"L x 4.6"W x 1.7"H) and examples of desktop and wall-mount installations.



Image: An illustration emphasizing the fanless and silent operation of the Aumox SG308P switch.

## SETUP INSTRUCTIONS

The Aumox SG308P is designed for simple plug-and-play operation. No software installation or complex configuration is required.

1. **Unpack the Switch:** Carefully remove the switch and its accessories from the packaging.
2. **Connect Power:** Connect the provided AC power cord to the power input on the switch and then to a standard electrical outlet. The power LED on the switch should illuminate.
3. **Connect Network Devices:**
  - Connect your router or main network device to any of the 8 RJ45 ports using an Ethernet cable.

- Connect your network devices (e.g., computers, IP cameras, access points, IP phones) to the remaining RJ45 ports. For PoE-compatible devices, the switch will automatically provide power and data over the Ethernet cable.

4. **Verify Connection:** Check the LED indicators on the front panel for each connected port. A solid green light indicates a successful link, and a blinking light indicates activity.



Image: An illustration highlighting the plug-and-play nature of the Aumox SG308P switch, indicating no configuration or app is needed.

Your browser does not support the video tag.

Video: An official Aumox Networks video demonstrating the SG308P 8-Port PoE Switch, including its features and simple setup.

## OPERATING INSTRUCTIONS

Once the switch is powered on and devices are connected, it operates automatically. The SG308P is an unmanaged switch, meaning it requires no user configuration for basic network functionality.

### LED Indicators:

Indicator	Status	Description
Power LED	Solid Green	The switch is powered on.
Link/Act LED (Per Port)	Solid Green	A device is connected and a link is established.
Link/Act LED (Per Port)	Blinking Green	Data is being transmitted or received through the port.
Link/Act LED (Per Port)	Off	No device is connected or the link is not established.

The switch automatically detects the speed and duplex mode of connected devices and adjusts accordingly. For PoE devices, it also automatically detects and supplies the necessary power.

## MAINTENANCE

To ensure optimal performance and longevity of your Aumox SG308P switch, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure proper airflow around the switch. Do not block the ventilation holes.
- **Environment:** Operate the switch within the specified temperature and humidity ranges (refer to Specifications section). Avoid placing it in direct sunlight or near heat sources.
- **Cable Management:** Keep network cables organized and free from kinks or excessive bends to prevent signal degradation.
- **Power Cycle:** If the switch experiences issues, a simple power cycle (unplugging and replugging the power cord) can often resolve minor problems.

## TROUBLESHOOTING

If you encounter issues with your Aumox SG308P switch, refer to the following common troubleshooting steps:

### No Power:

- Ensure the power cord is securely connected to both the switch and a working electrical outlet.
- Verify that the power outlet is functional by plugging in another device.
- Check the power LED on the switch. If it's off, try a different power cord if available.

### No Link/Activity on a Port:

- Check if the Ethernet cable is securely plugged into both the switch port and the connected device.
- Try a different Ethernet cable to rule out a faulty cable.
- Connect a different device to the same port on the switch to determine if the issue is with the device or the port.
- Ensure the connected device is powered on and functioning correctly.

### PoE Device Not Receiving Power:

- Verify that the connected device is PoE-compatible (802.3af/at standard).
- Ensure the device's power requirements do not exceed 30W per port or the total 120W budget for the switch.
- Try connecting the PoE device to a different port on the switch.
- Check the cable for damage. Use a known good Ethernet cable.

### Slow Network Speed:

- Ensure all connected devices and cables support Gigabit Ethernet (Cat5e or higher cables are recommended for Gigabit speeds).
- Check for excessive network traffic or bandwidth-intensive applications running on connected devices.
- Perform a power cycle on the switch and connected devices.

## SPECIFICATIONS

Feature	Detail
Brand	Aumox

Feature	Detail
Model Number	SG308P
Number of Ports	8
Interface	RJ45
Data Transfer Rate	1000 Megabits Per Second (Gigabit Ethernet)
PoE Standard	802.3af/at
Maximum Power Per PoE Port	30W
Total PoE Power Budget	120W
Switching Capacity	16 Gbps
Case Material Type	Metal
Color	Black
Item Dimensions (L x W x H)	7.9"L x 4.6"W x 1.7"H
Item Weight	1.43 Pounds
Operating Temperature	14°F to 131°F (-10°C to 55°C)
Voltage	240 Volts
Current Rating	2.3 Amps

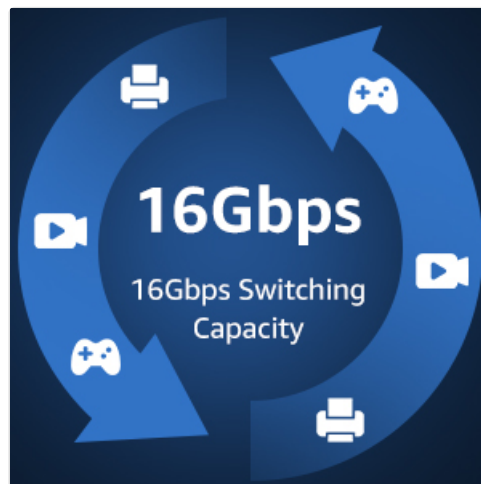


Image: An illustration showing the 16Gbps switching capacity of the Aumox SG308P, indicating high performance for various devices.

## WARRANTY INFORMATION

The Aumox SG308P 8-Port Gigabit PoE Switch comes with a **1-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official Aumox website or contact customer support.

## SUPPORT INFORMATION

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If you require further assistance or have questions not covered in this manual, please contact Aumox customer support. You can typically find contact information on the official Aumox website or through the retailer where you purchased the product.

When contacting support, please have your product model number (SG308P) and purchase details ready.