STEAMEMO 8 ports Easy Managed

STEAMEMO 8-Port Gigabit Ethernet Smart Managed Switch User Manual

Model: 8 ports Easy Managed

1. INTRODUCTION

This manual provides detailed instructions for the installation, configuration, and operation of your STEAMEMO 8-Port Gigabit Ethernet Smart Managed Switch. This device provides 8 high-speed 10/100/1000BASE-T RJ45 ports for network expansion, offering advanced features such as 802.1Q VLAN, Quality of Service (QoS), and bandwidth control through an intuitive web interface. Its durable metal casing and fanless design ensure reliable and quiet operation for various network environments.

2. PACKAGE CONTENTS

Please verify that your package contains the following items:

- STEAMEMO 8-Port Gigabit Ethernet Smart Managed Switch
- Power Adapter
- User Manual

Image: Packaging contents including the switch, power adapter, and user manual.

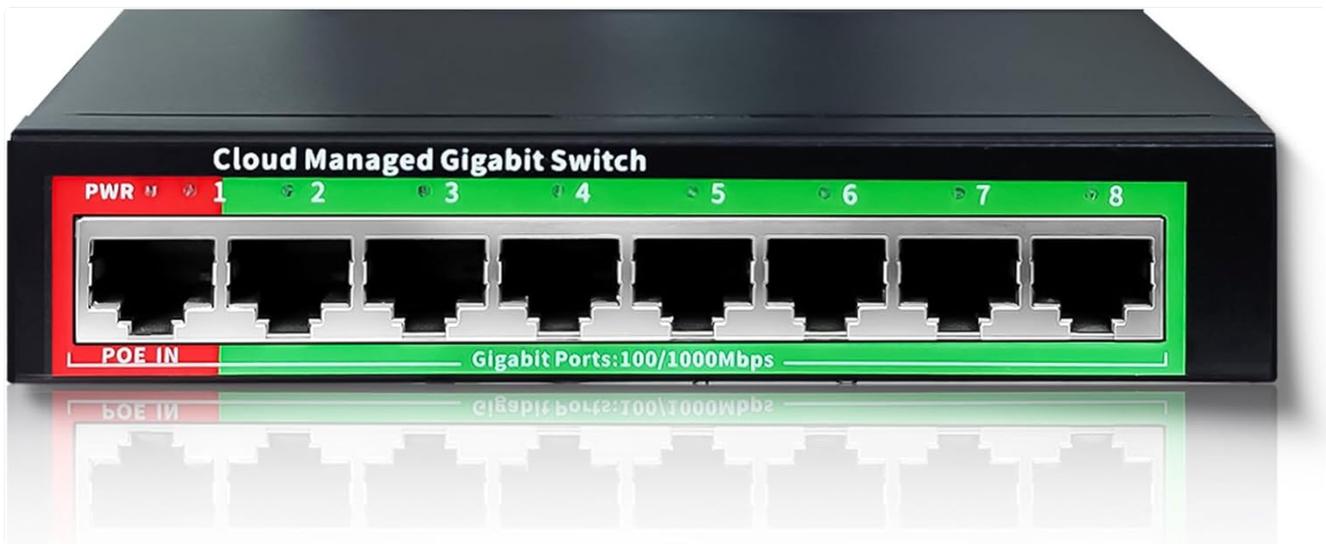## 3. PRODUCT OVERVIEW

3.1 Front Panel

Image: Front panel of the STEAMEMO 8-Port Gigabit Ethernet Smart Managed Switch.

- **PWR LED:** Indicates power status. Green for power on.
- **PoE IN LED:** Indicates Power over Ethernet input status. Green when receiving PoE power.
- **Gigabit Ports (1-8):** 10/100/1000Mbps RJ45 ports for network connections. Each port has an associated LED indicator.
- **Port LEDs (1-8):**
  - **Green (Solid):** Link established at 1000Mbps.
  - **Green (Flashing):** Data activity at 1000Mbps.
  - **Yellow (Solid):** Link established at 10/100Mbps.
  - **Yellow (Flashing):** Data activity at 10/100Mbps.
  - **Off:** No link or device connected.

3.2 Physical Dimensions

Image: Physical dimensions of the switch, showing its compact size.

The switch features a compact desktop design and is also suitable for wall-mounting. Its metal casing provides durability and efficient heat dissipation.

4. SETUP AND INSTALLATION

4.1 Powering the Switch

The STEAMEMO 8-Port Gigabit Ethernet Smart Managed Switch can be powered in two ways:

1. **Using the included Power Adapter:** Connect the power adapter to the switch's power input port and then plug it into a standard AC outlet.
2. **Using Power over Ethernet (PoE In):** If you have a PoE-enabled switch or injector, you can connect an Ethernet cable from the PoE source to the "PoE IN" port on the STEAMEMO switch. This eliminates the need for a separate power adapter.
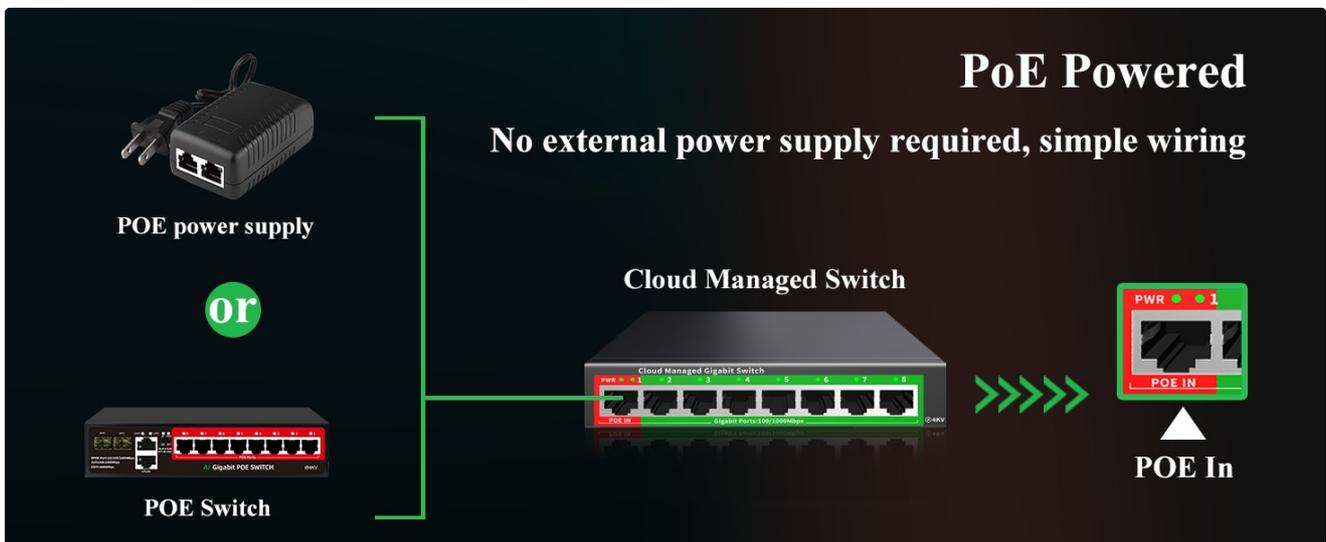
Image: Illustration of powering the switch using either the power adapter or a PoE source.

4.2 Connecting Network Devices

Once the switch is powered on, connect your network devices (e.g., computers, printers, IP cameras, access points, routers) to any of the 8 Gigabit Ethernet ports using standard Cat5e or Cat6 Ethernet cables.
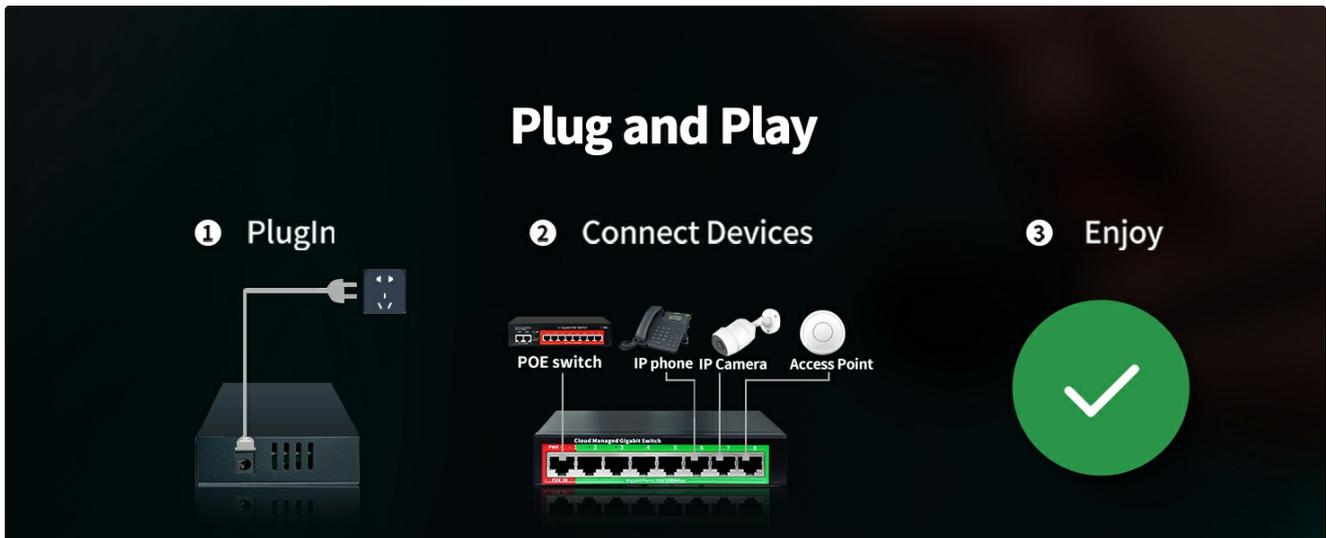

Image: Simple plug-and-play setup for connecting devices to the switch.

The switch supports auto MDI/MDIX, so you can use either straight-through or crossover cables. The port LEDs will illuminate to indicate a successful link and activity.

5. OPERATING THE SWITCH

5.1 Basic Operation (Plug & Play)

For basic network expansion, the STEAMEMO switch operates as a plug-and-play device. Simply connect your devices, and it will automatically detect and configure the connections.

Image: The switch providing gigabit performance for various devices in a professional setting.

5.2 Web-Based Management

The switch features an intuitive web interface for advanced configuration and management. To access the web interface:

1. Ensure your computer is connected to the switch.
2. Open a web browser and enter the switch's IP address. By default, the switch may use a static IP address like **10.0.0.10** or obtain an IP address via DHCP from your router. If you are unsure of the IP address, you may use network scanning tools to discover it.
3. Enter the default username and password (refer to the quick installation guide or product documentation for default credentials).
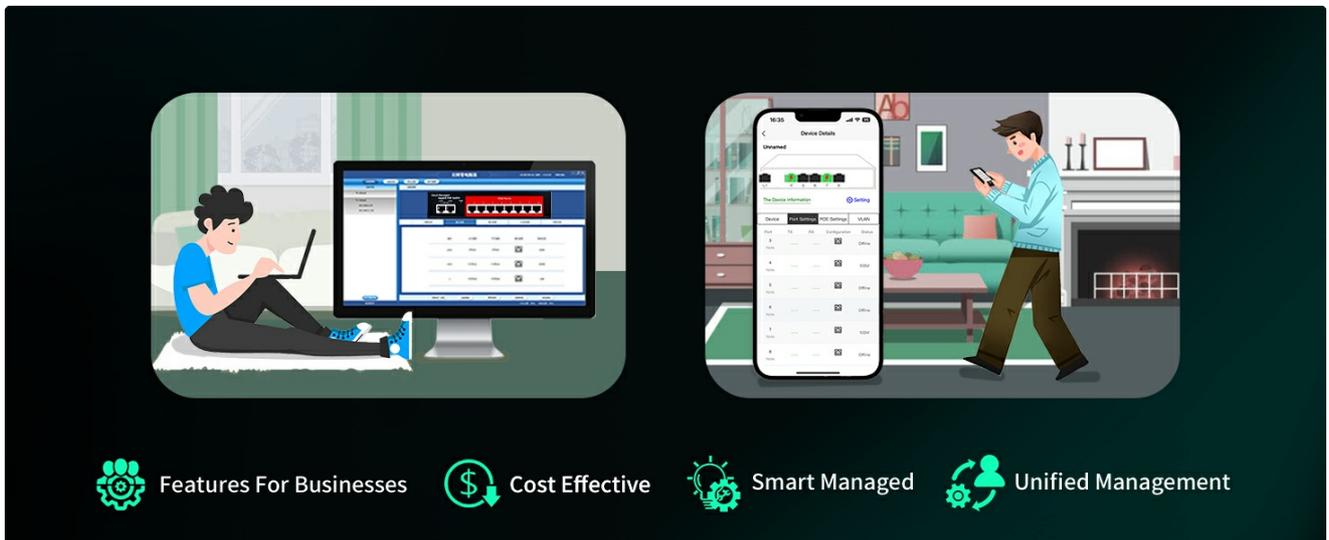
Image: Web and mobile application interfaces for managing the switch.

5.3 Advanced Features: VLAN, QoS, and Bandwidth Control

The web interface allows you to configure advanced network features to optimize performance and security:

- **VLAN (Virtual Local Area Network):** Configure 802.1Q VLANs to segment your network into separate broadcast domains. This enhances security and network efficiency by isolating traffic. The switch supports up to 15 VLAN groups.

Image: Example of VLAN configuration for network segmentation.

- **QoS (Quality of Service):** Prioritize network traffic to ensure critical applications (e.g., VoIP, video conferencing) receive sufficient bandwidth and minimal latency.
- **Bandwidth Control** / **Port Rate Limiting:** Allocate specific bandwidth limits for incoming and outgoing traffic on each port. This prevents any single device from monopolizing network resources.
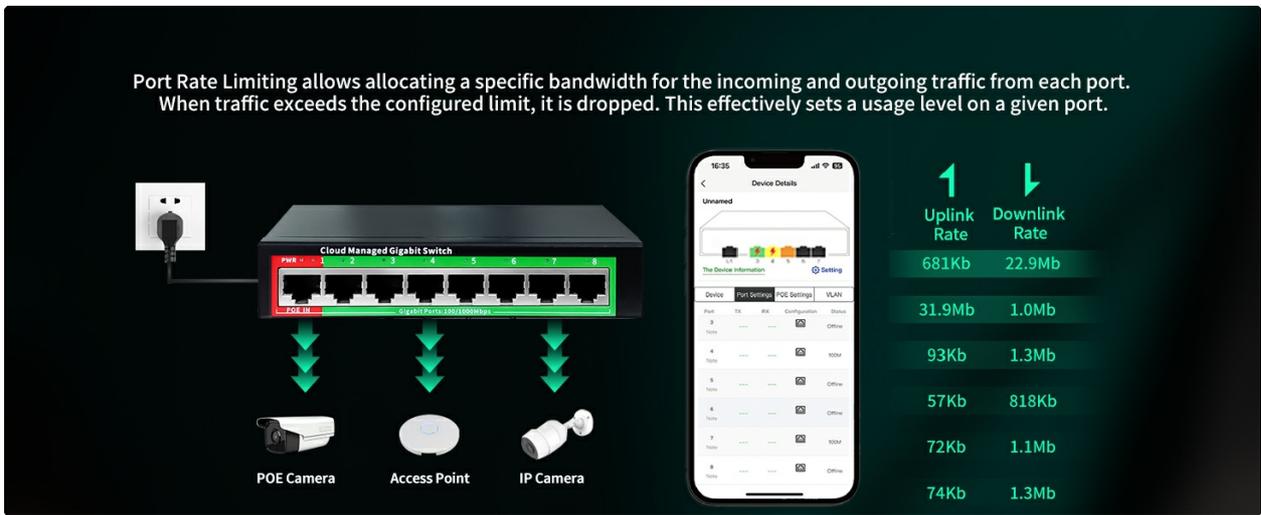
Image: Port rate limiting feature for managing bandwidth per port.

6. MAINTENANCE

To ensure optimal performance and longevity of your STEAMEMO switch:

- **Placement:** Place the switch in a well-ventilated area, away from direct sunlight, heat sources, and excessive moisture.
- **Cleaning:** Periodically clean the exterior of the switch with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Firmware Updates:** Check the manufacturer's website for any available firmware updates to ensure your switch has the latest features and security patches.
- **Cable Management:** Ensure network cables are neatly organized and not excessively bent or strained.
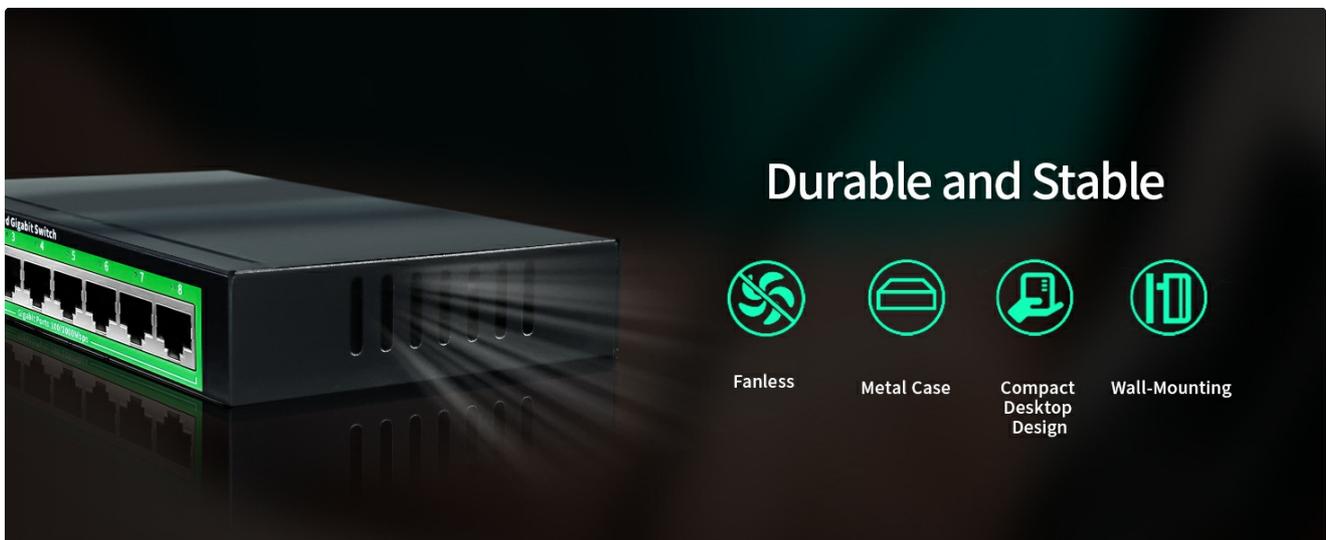

Image: Features emphasizing the switch's durability and stability, including fanless operation and metal casing.

7. TROUBLESHOOTING

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

- **No Power:**
  - Ensure the power adapter is securely connected to both the switch and a working power outlet.
  - If using PoE, verify that the PoE source is active and providing power to the "PoE IN" port.

- Check the PWR LED on the front panel. It should be green.

- **No Link/Connectivity:**

  - Verify that Ethernet cables are securely connected to both the switch port and the connected device.
  - Check the port LED for the connected device. If it's off, try a different cable or port.
  - Ensure the connected device is powered on and functioning correctly.
  - Confirm that the Ethernet cable is not damaged.

- **Slow Network Speed:**

  - Ensure all connected devices and cables support Gigabit Ethernet (Cat5e or Cat6).
  - Check the port LED color: Green indicates Gigabit speed, Yellow indicates 10/100Mbps.
  - Review bandwidth control settings in the web interface if configured.
  - Restart the switch and connected devices.

- **Cannot Access Web Interface:**

  - Ensure your computer is on the same network segment as the switch.
  - Verify the switch's IP address. If it's set to DHCP, check your router's DHCP client list.
  - Temporarily set your computer's IP address to a static IP in the same subnet as the switch's default IP (e.g., 10.0.0.x if the switch is 10.0.0.10).
  - Clear your browser's cache or try a different browser.

8. SPECIFICATIONS

Feature	Description
Brand	STEAMEMO
Model Number	8 ports Easy Managed
Number of Ports	8
Interface Type	RJ45
Data Transfer Rate	1 Gigabits Per Second (10/100/1000Mbps)
Case Material	Metal
Voltage	110 Volts (AC)
Upper Temperature Rating	60 Degrees Celsius
Item Weight	12.6 ounces
Package Dimensions	5.47 x 3.46 x 2.52 inches
Included Components	Ethernet switch, Power Adapter, User Manual
Compatible Devices	Desktop, Gaming console, Router, Printer, Laptop, Camera

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in the product packaging

or visit the official STEAMEMO website.

You can also visit the STEAMEMO Store on Amazon for more product information and support resources.