

STEAMEMO 16 ports

STEAMEMO 16-Port Gigabit Ethernet Smart Managed Switch User Manual

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your STEAMEMO 16-Port Gigabit Ethernet Smart Managed Switch. Please read this manual thoroughly before using the device to ensure proper setup and optimal performance. Keep this manual for future reference.

2. PRODUCT OVERVIEW

2.1 Key Features

- **16 Gigabit Ethernet Ports:** Provides 16 x 10/100/1000BASE-T RJ45 ports for high-speed network expansion.
- **Smart Management:** Offers easy configuration and monitoring via a user-friendly web interface or mobile application.
- **Advanced VLAN Functionality:** Supports IEEE 802.1Q VLAN groups, MTU VLAN with port isolation, and port VLAN for secure network segmentation.
- **Quality of Service (QoS):** Prioritizes network traffic to ensure smooth performance for critical applications.
- **Durable Construction:** Features a robust metal casing with an intelligent heat dissipation design for long-lasting stability.
- **Flexible Deployment:** Suitable for desktop or wall-mount installations.

2.2 Package Contents

Verify that your package contains the following items:

- STEAMEMO 16-Port Gigabit Ethernet Smart Managed Switch
- Power Adapter
- User Manual

Packaging List



Image: The STEAMEMO 16-Port Gigabit Ethernet Smart Managed Switch, its power adapter, and the user manual box.

3. SETUP INSTRUCTIONS

3.1 Physical Installation

1. **Connect to Power:** Connect the provided power adapter to the switch's power input and then plug it into a power outlet.
2. **Connect Devices:** Connect your network devices (e.g., computers, printers, IP cameras, routers) to the RJ45 ports on the switch using Ethernet cables.
3. **Verify Connectivity:** Once powered on, the switch will automatically detect connected devices. Observe the port LED indicators for connection status.

Build for Multi-Scenario Networking

One Switch Covers All!



Home

Lag-Free Streaming & Gaming



Business

Stable VoIP & Cloud Work



Enterprise

Scalable & Secure



Gaming

0ms Jitter, Total Domination

Image: Visual guide showing the three simple steps for setting up the switch: connect power, connect devices, and enjoy network connectivity.

3.2 Initial Configuration (Web Interface)

For advanced management features, access the switch's web interface:

1. **Direct Connection:** Connect your computer directly to one of the switch's Ethernet ports. Ensure your computer's IP address is in the same subnet as the switch's default IP (e.g., if the switch is 10.0.0.10, set your computer to 10.0.0.11).
2. **Access Web Interface:** Open a web browser and enter the default IP address of the switch (commonly **10.0.0.10**, refer to the product documentation or contact support if this does not work).
3. **Login:** Enter the default username and password (usually 'admin' for both, or as specified in the included documentation).
4. **Network Integration:** If the switch is already connected to your router, you may need to use a network scanning tool (e.g., Advanced IP Scanner) to discover the IP address assigned to the switch by your router's DHCP server.

Easy Remote Management – Anytime, Anywhere Web Dashboard & Mobile App for Port Configuration

Management Utility

Web Interface-Local access via IP for secure, on-site switch configuration

Web

Management Utility-Manage all cloud switches locally with full control

App

App-Remote Control anywhere anytime

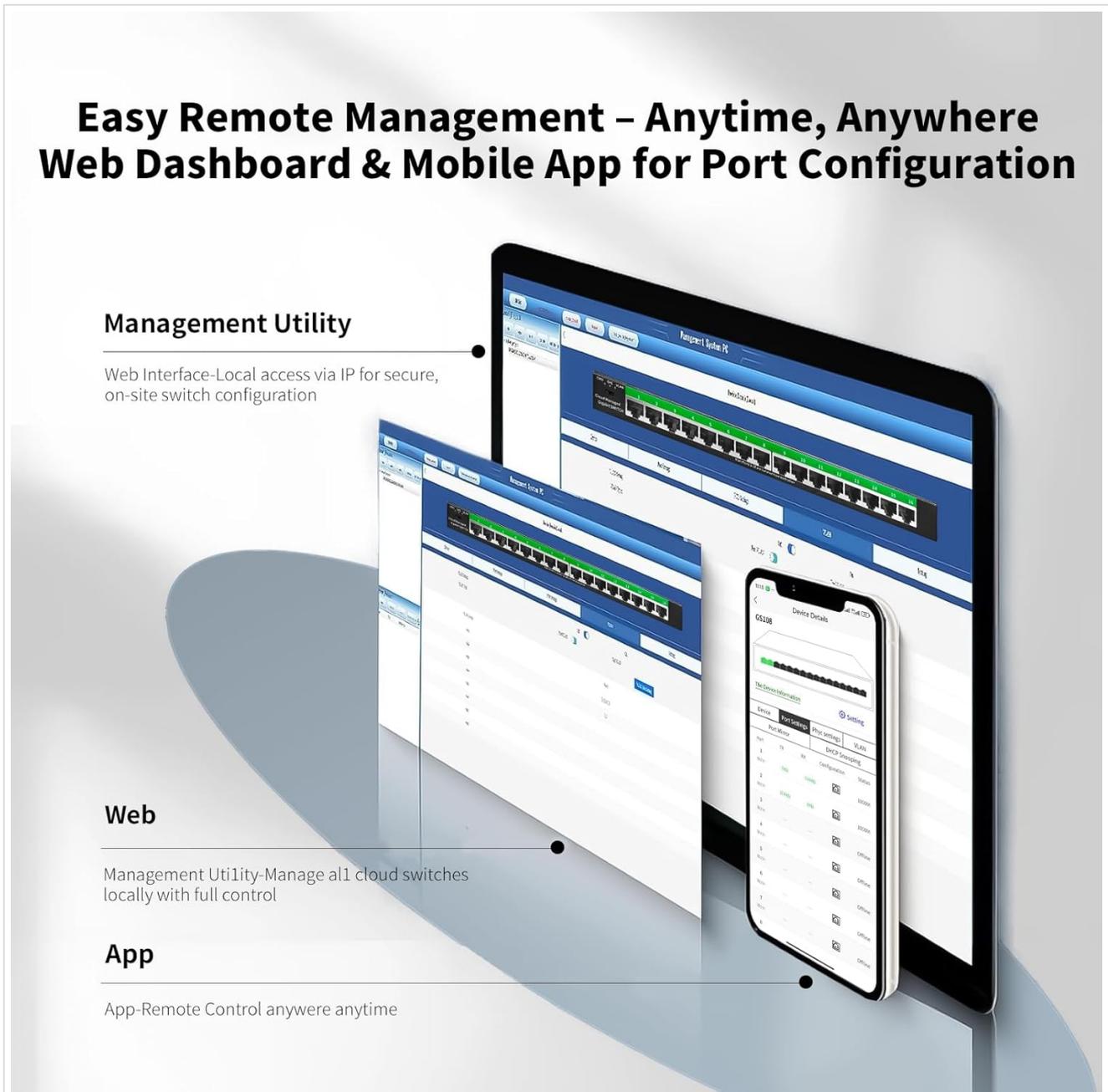


Image: Displays the web-based management utility on a laptop and a mobile application on a smartphone, illustrating remote and local configuration options.

4. OPERATION

4.1 Basic Connectivity

The STEAMEMO 16-Port Gigabit Ethernet Smart Managed Switch operates as a plug-and-play device for basic network expansion. Simply connect your Ethernet devices, and they will automatically establish a connection.

4.2 Smart Management via Web Interface and Mobile App

The switch offers comprehensive management capabilities through its web interface and a dedicated mobile application. These tools allow for remote or local configuration, monitoring, and troubleshooting of your network.

- **Web Management:** Access the full suite of configuration options via a web browser as described in Section 3.2.
- **Mobile App:** Download the official STEAMEMO app for convenient remote control and monitoring from your smartphone or tablet.



Android App QR Code



iOS App QR Code

Scan the QR codes above to download the mobile application for your device.

4.3 VLAN Configuration

VLANs (Virtual Local Area Networks) allow you to segment your network into smaller, isolated broadcast domains, enhancing security and performance. The switch supports IEEE 802.1Q VLAN groups, MTU VLAN with port isolation, and port VLAN.

Refer to the web interface or mobile app for detailed VLAN configuration options. Common applications include separating surveillance cameras, office networks, and guest networks.



Image: A conceptual diagram showing how VLANs can segment a network into distinct zones for surveillance, office, and guest access, improving security.

4.4 QoS Prioritization

Quality of Service (QoS) allows you to prioritize certain types of network traffic, ensuring that critical applications (e.g., video conferencing, online gaming) receive sufficient bandwidth even during periods of high network usage.

You can set upload and download limits individually for your devices.

Remote Web/APP Port Reboot Switch – Fix Freezes & Dropped Calls Instantly



Image: Illustrates QoS traffic prioritization and port-based rate limiting, showing how bandwidth can be managed for different devices and applications.

4.5 Hardware DIP Switch

The switch features a hardware DIP switch on the front panel for instant preset switching and factory reset functions. This allows for quick changes to operational modes or restoring default settings without accessing the software interface.



Image: A close-up view of the hardware DIP switch labeled 'CMG', 'SYS', and 'VLAN' on the front panel of the switch, used for mode selection and factory reset.

4.6 Port Status Indicators

The LED indicators on each port provide visual feedback on the connection status and activity. Refer to the device's front panel or the management interface for a detailed legend of the color-coded port intelligence.



Image: Diagram illustrating the meaning of different LED colors on the switch ports, indicating network health and connection status.

5. MAINTENANCE

- **Cleaning:** Regularly clean the exterior of the switch with a soft, dry cloth. Do not use liquid or aerosol cleaners. Ensure ventilation openings are clear of dust and debris.
- **Firmware Updates:** Periodically check the manufacturer's website or contact support for available firmware updates. Keeping your firmware up-to-date ensures optimal performance and security.
- **Remote Port Reboot:** The management interface allows for remote rebooting of individual ports, which can resolve minor connectivity issues without physical access to the device.

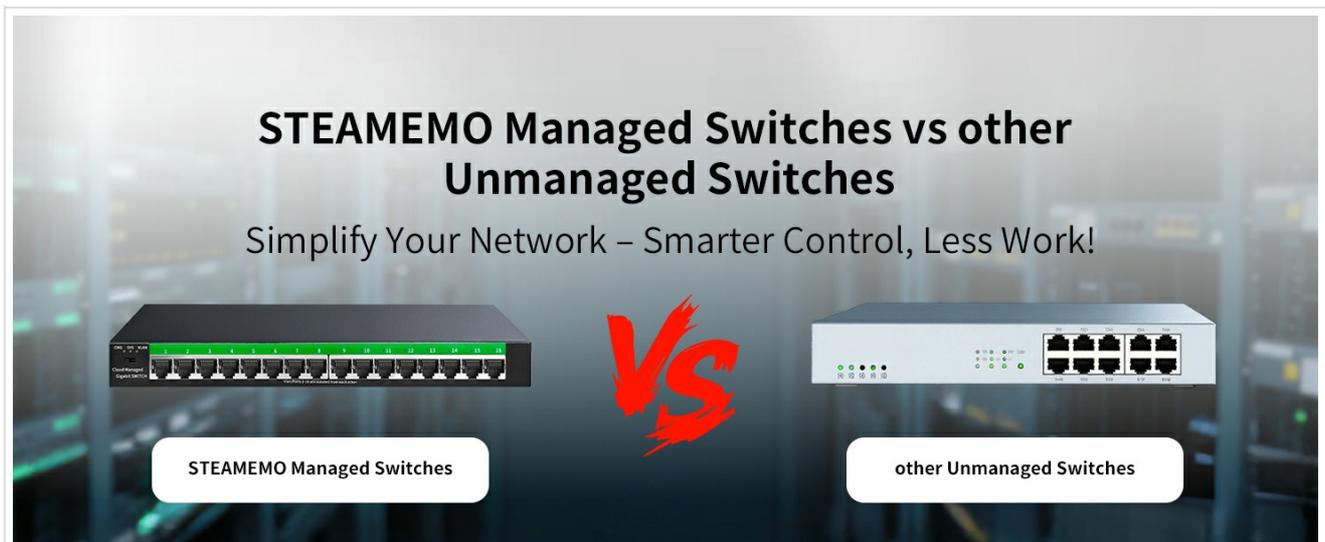


Image: Depicts a clock icon and the web/app management interfaces, highlighting the ability to remotely reboot switch ports to resolve network issues.

6. TROUBLESHOOTING

- **No Power:** Ensure the power adapter is securely connected to both the switch and a working power outlet. Check the power LED indicator on the switch.
- **No Network Connection:** Verify that Ethernet cables are properly connected to both the switch and your devices. Check the port LED indicators for link status. Ensure your devices are configured correctly (e.g., correct IP settings).
- **Slow Network Speed:** Confirm that all connected cables are Gigabit-compatible (Cat5e or higher). Check for excessive network traffic or misconfigured QoS settings.
- **Cannot Access Web Interface:** Ensure your computer's IP address is in the same subnet as the switch. If the switch is connected to a router, use a network scanner to find its assigned IP address. Try a factory reset using the DIP switch if access issues persist.

- **VLAN Issues:** Double-check your VLAN configurations in the management interface. Incorrect VLAN tagging or port assignments can prevent communication between devices.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	STEAMEMO
Model Number	16 ports
Number of Ports	16
Interface Type	RJ45
Data Transfer Rate	16 Gigabits Per Second
Voltage	120 Volts (AC)
Case Material	Metal
Upper Temperature Rating	60 Degrees Celsius
Product Dimensions	5.47 x 1.46 x 0.55 inches
Item Weight	1.43 pounds
Color	Black
Compatible Devices	Desktop, Laptop, Printer

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The STEAMEMO 16-Port Gigabit Ethernet Smart Managed Switch comes with a standard manufacturer's warranty. Please refer to the product packaging or the official STEAMEMO website for specific warranty terms and conditions.

8.2 Technical Support

For technical assistance, troubleshooting, or any questions regarding your STEAMEMO switch, please contact STEAMEMO customer support. Contact information can typically be found on the product packaging, the official STEAMEMO website, or within the product's online resources.