

STEAMEMO 9 ports |8*2.5G+10G SFP

STEAMEMO 8-Port 2.5G Ethernet Switch with 10G SFP User Manual

MODEL: 9 PORTS |8*2.5G+10G SFP

1. Product Overview

The STEAMEMO 8-Port 2.5G Ethernet Switch with 10G SFP is an unmanaged network switch designed to provide high-speed connectivity for various applications. It features eight 2.5 Gigabit Ethernet ports and one 10 Gigabit SFP port, offering a total switching capacity of 60Gbps. This device is suitable for enhancing network performance in environments requiring fast data transfer, such as NAS systems, 4K streaming, gaming PCs, and home or office networks.

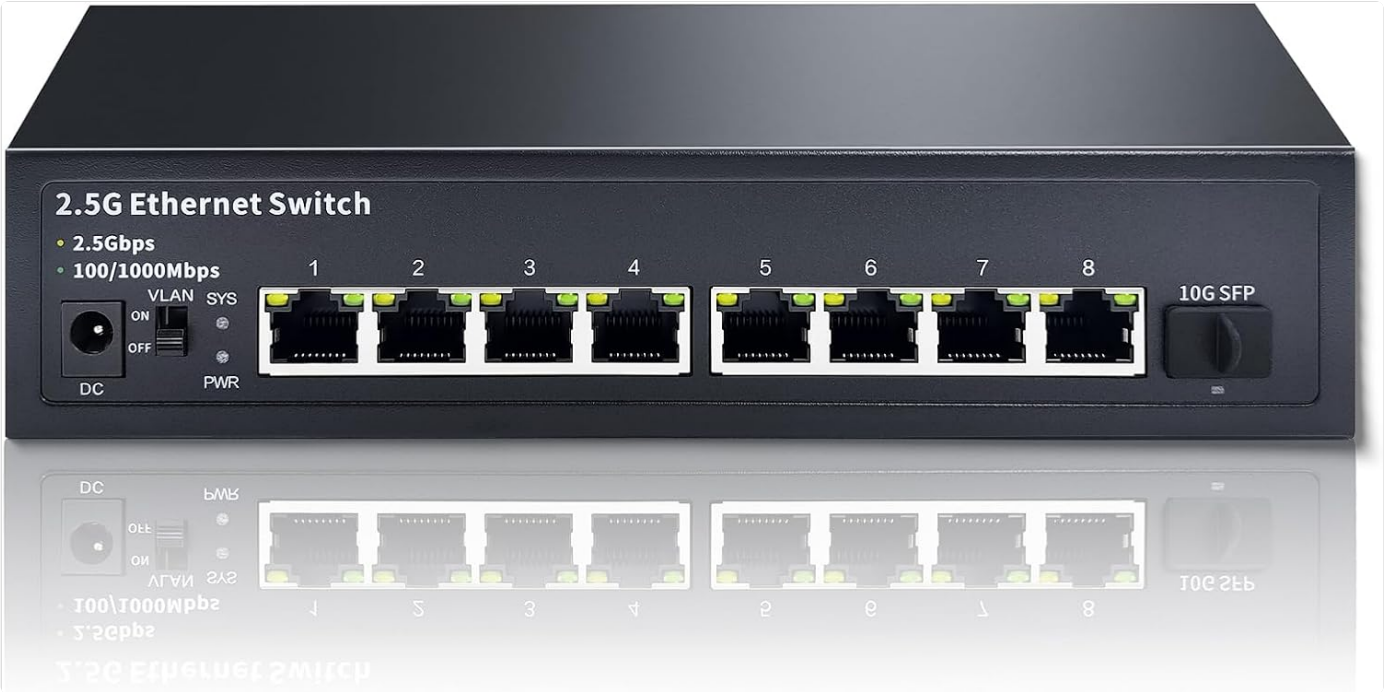


Image 1.1: Front view of the STEAMEMO 8-Port 2.5G Ethernet Switch, showing eight 2.5G Ethernet ports, one 10G SFP port, power input, and VLAN/SYS switches.

2. Package Contents

Please verify that all items are present and in good condition upon opening the package. If any items are missing or damaged, contact customer support.

- STEAMEMO 2.5G Ethernet Switch
- Power Adapter
- Quick Installation Guide



Image 2.1: The package contents, including the 2.5G Ethernet Switch, power adapter, and quick installation guide.

3. Product Features

- **High-Performance Connectivity:** Features 8x 2.5G Base-T ports and 1x 10G SFP port, providing a 60Gbps switching capacity for fast and reliable network connections.
- **One-Key VLAN:** Allows isolation of ports 1-8 while maintaining communication with the SFP port, enhancing network security and optimizing bandwidth.
- **Plug and Play:** Requires no complex configuration, enabling quick and easy setup for immediate use.
- **Fanless Design:** Ensures silent operation and energy efficiency, suitable for quiet environments.
- **Durable Metal Case:** Provides robust protection, features 4KV lightning protection, dual cooling vents, and supports a wide operating temperature range (0–40°C).

- **Versatile Compatibility:** Compatible with 2.5G NAS, 4K video streaming devices, gaming PCs, 2.5G servers, and WiFi 6 APs.

4. Setup Instructions

Follow these steps to set up your STEAMEMO 2.5G Ethernet Switch:

1. **Unpack the Switch:** Carefully remove the switch and all accessories from the packaging.
2. **Connect Power:** Plug the provided power adapter into the DC input port on the switch and then into a standard electrical outlet. The PWR LED will illuminate.
3. **Connect Network Devices:** Use Ethernet cables to connect your network devices (e.g., computers, NAS, routers, gaming consoles) to any of the 2.5G Ethernet ports (1-8). The corresponding Link/Act LED for each connected port will light up.
4. **Connect SFP Module (Optional):** If using a 10G SFP module, insert it into the 10G SFP port. Connect a compatible fiber optic cable to the SFP module.
5. **Verify Connection:** Ensure the PWR LED is solid green and the Link/Act LEDs for connected devices are blinking or solid, indicating an active connection.



Image 4.1: Detailed view of the switch's front panel, highlighting the DC input, PWR LED, 8x 2.5Gbps ports, and 1x 10G SFP port.

5. Operating Instructions

The STEAMEMO 2.5G Ethernet Switch is an unmanaged device, meaning it operates without requiring complex software configuration. Once powered on and connected, it automatically detects and configures connected devices.

LED Indicators:

- **PWR (Power) LED:**

- **On:** The switch is powered on.
- **Off:** The switch is powered off.

- **SYS (System) LED:**

- **On:** The system is operating normally.
- **Blinking:** Indicates system activity.

- **Link/Act LEDs (for each 2.5G port):**

- **Green (2.5Gbps):** Indicates a 2.5Gbps link.
- **Orange (10/100/1000Mbps):** Indicates a 10Mbps, 100Mbps, or 1000Mbps link.
- **Blinking:** Data activity on the port.
- **Off:** No link or device connected.

VLAN Mode Switch:

The switch includes a physical VLAN toggle switch. Refer to the 'VLAN Mode Configuration' section for detailed operation.

6. VLAN Mode Configuration

The STEAMEMO switch features a 'One-Key VLAN' function, controlled by a physical switch on the front panel. This mode allows for network segmentation to enhance security and optimize bandwidth.

- **VLAN ON:** When the VLAN switch is set to 'ON', ports 1 through 8 are isolated from each other. This means devices connected to these ports cannot directly communicate with each other. However, all ports (1-8) can still communicate with the 10G SFP port. This is useful for isolating specific devices or segments of your network for security or performance reasons, while still allowing them access to a central uplink (via SFP).
- **VLAN OFF:** When the VLAN switch is set to 'OFF', all 2.5G Ethernet ports (1-8) and the 10G SFP port operate as a single, unified network segment. Devices connected to any port can communicate freely with each other. This is the standard operating mode for most home and small office networks.

To change the VLAN mode, simply toggle the physical switch to the desired position. No software configuration is required.

Multiple Application Scenarios for 2.5G Network



2.5G NAS



Wifi 6 AP



Wifi 6 Router



Gaming Computer



TV



IP Phone



Laptop with
2.5G
Ethernet
Adapter



Adaptive
1G/2.5G/10G
Optical
Fiber Module



Image 6.1: Close-up view of the VLAN toggle switch, showing 'ON' and 'OFF' positions.

7. Maintenance

The STEAMEMO 2.5G Ethernet Switch is designed for minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure the switch is placed in a well-ventilated area. Although it features a fanless design, proper airflow helps dissipate heat. Avoid blocking the cooling vents on the sides of the device.
- **Temperature:** Operate the switch within its specified temperature range of 0–40°C (32–104°F).
- **Cable Management:** Keep network cables organized and free from kinks or excessive bends to prevent signal degradation.
- **Power Supply:** Use only the original power adapter provided with the switch.

8. Troubleshooting

If you encounter issues with your STEAMEMO 2.5G Ethernet Switch, refer to the following common troubleshooting steps:

- **No Power:**
 - Ensure the power adapter is securely connected to the switch and a working electrical outlet.
 - Check if the power outlet is functional by plugging in another device.
- **No Link/Activity on a Port:**
 - Verify that the Ethernet cable is securely connected to both the switch port and the network device.
 - Try a different Ethernet cable to rule out a faulty cable.
 - Ensure the connected device is powered on and functioning correctly.
 - Check the Link/Act LED for the specific port. If it's off, there's no active connection.
- **Slow Network Speed:**
 - Ensure your connected devices and network adapters support 2.5G Ethernet.
 - Verify that you are using appropriate Ethernet cables (Cat5e or higher for 2.5G).
 - Check the Link/Act LED color; Green indicates 2.5Gbps, Orange indicates lower speeds.
- **Devices Cannot Communicate (VLAN Mode):**
 - If devices on ports 1-8 cannot communicate with each other, check if the VLAN switch is set to 'ON'. If so, this is expected behavior. Set the VLAN switch to 'OFF' if you require direct communication between these ports.
- **Intermittent Connection:**
 - Check for loose cable connections.
 - Ensure the switch is not overheating. Provide adequate ventilation.
 - Consider restarting the switch by unplugging and replugging the power adapter.

Your browser does not support the video tag.

Video 8.1: An overview of the STEAMEMO 8-port 2.5G Ethernet switch, demonstrating its features and connectivity options.

9. Specifications

Product Dimensions	7.8"L x 4.6"W x 1.73"H
Item Weight	0.75 Kilograms (1.65 pounds)
Case Material	Metal
Upper Temperature Rating	40 Degrees Celsius
Interface Type	RJ45
Data Transfer Rate	2500 Megabits Per Second (2.5G)
Number of Ports	8 (2.5G Ethernet) + 1 (10G SFP)
Included Components	2.5G Switch
Color	Black

Compatible Devices	Desktop, Gaming console, NAS, 4K Video Streaming, Servers, WiFi 6 APs
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10. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or visit the official STEAMEMO website. Keep your purchase receipt for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question