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Model: 8-Port 120W PoE+ Managed Switch

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, configuration, and operation of your STEAMEMO 8-Port 120W PoE+ Managed Ethernet Switch. This device is designed to provide reliable power and data transmission for various network applications, including IP cameras, smart home systems, and small business networks. It features advanced management capabilities such as VLAN, QoS, and remote control via web interface or mobile application.

2. PACKAGE CONTENTS

Carefully unpack the box and verify that all items are present and in good condition. If any item is missing or damaged, please contact your vendor.

- 1 x STEAMEMO 8-Port 120W PoE+ Managed Ethernet Switch
- 1 x AC Power Cable
- 1 x User Manual

Product packaging



Image: The STEAMEMO 8-Port 120W PoE+ Managed Ethernet Switch, AC power cable, and user manual as included in the product packaging.

3. PRODUCT OVERVIEW

3.1 Front Panel Layout

The front panel of the switch features 8 PoE+ ports and 2 uplink ports, along with LED indicators for status monitoring and a DIP switch for mode selection.

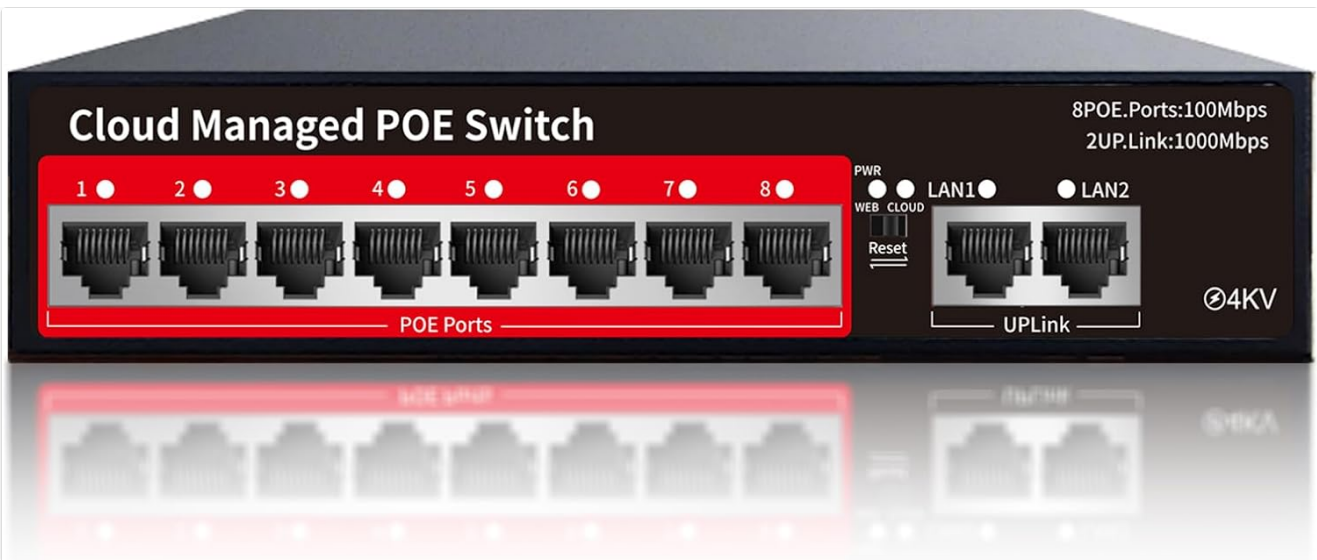


Image: Front view of the switch, highlighting the 8 PoE ports (100Mbps) and 2 uplink ports (1000Mbps), along with power and mode indicators.

3.2 Power over Ethernet (PoE) Capability

The switch supports Power over Ethernet (PoE+) on ports 1-8, compliant with IEEE 802.3at/af standards. Each PoE port can deliver up to 30W, with a total power budget of 120W, enabling power and data transmission over a single Ethernet cable to compatible devices.

Power over Ethernet

Support poe power up to
120W for 8 poe ports

Work with IEEE
802.3af/at compliant PDs

Data  Power 

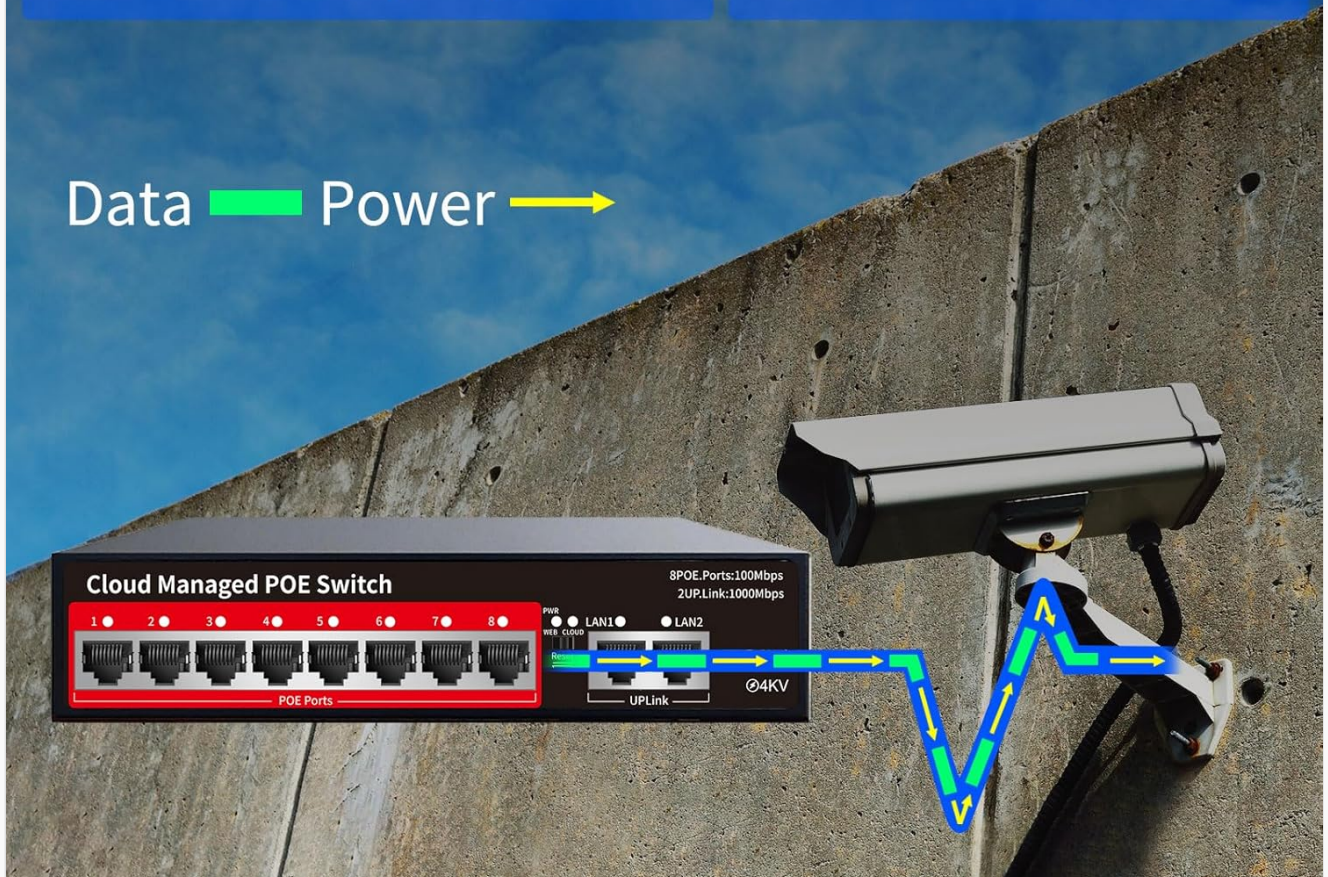


Image: A visual representation of how Power over Ethernet (PoE) works, showing data and power being transmitted from the switch to a connected IP camera.

3.3 DIP Switch and Uplink Ports

The device includes a DIP switch for instant preset switching between managed and unmanaged modes, and a reset button for factory defaults. The two uplink ports operate at 1000Mbps, providing high-speed connectivity to your core network.

Hardware DIP Switch for Instant Preset Switching & Factory Reset

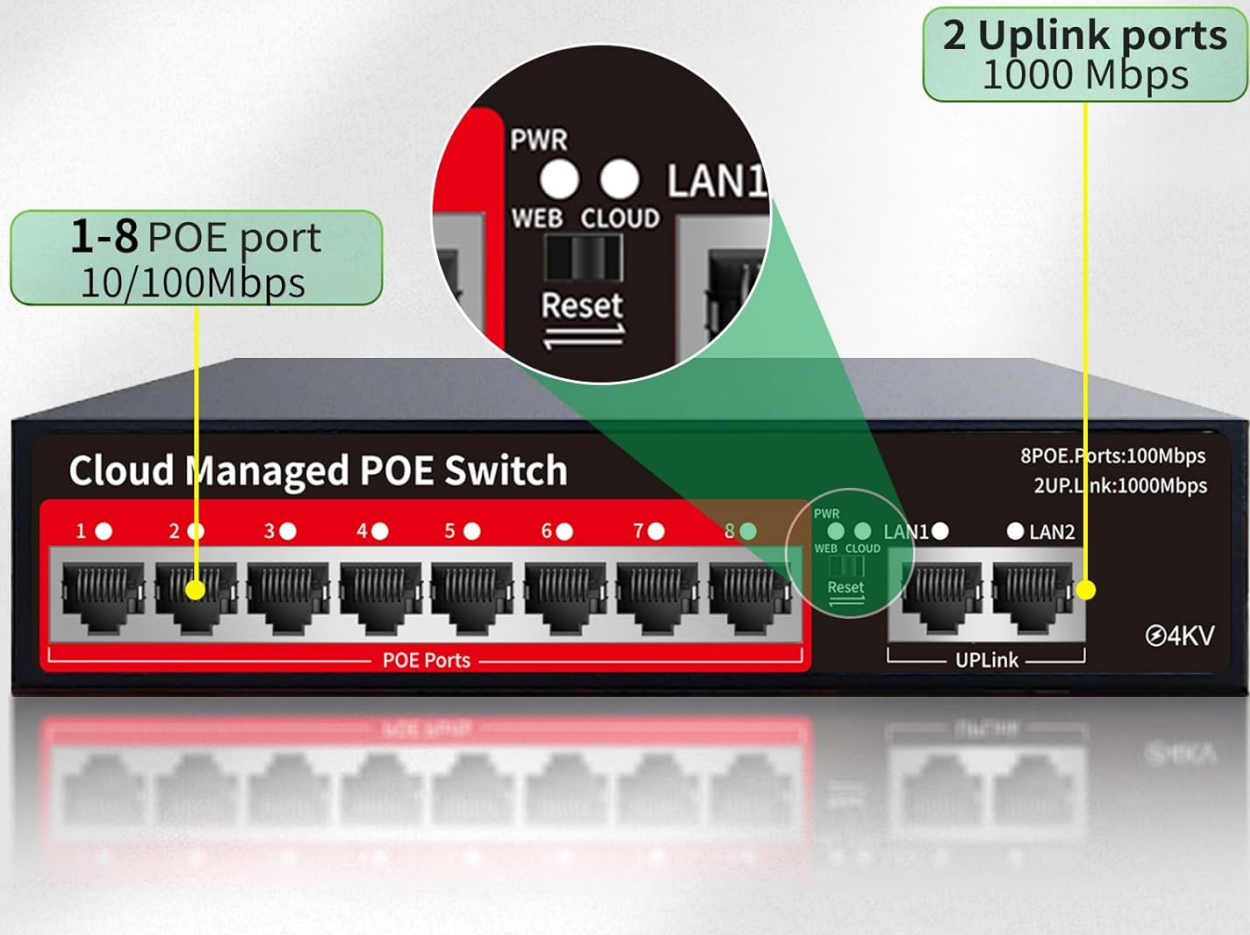


Image: A detailed view of the switch's DIP switch, labeled 'WEB' and 'CLOUD', and the reset button, alongside the two 1000Mbps uplink ports (LAN1, LAN2).

4. SETUP INSTRUCTIONS

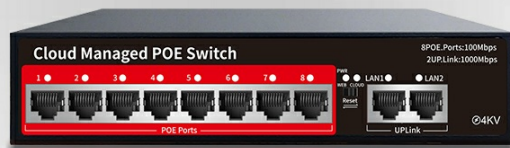
Follow these steps for initial setup of your STEAMEMO PoE+ Switch:

1. **Connect to Power:** Connect the provided AC power cable to the switch's power input and then to a standard electrical outlet.
2. **Connect Devices:** Connect your PoE-powered devices (e.g., IP cameras, wireless access points) to the PoE ports (1-8) using Ethernet cables. Connect your network router or NVR to the uplink ports (LAN1 or LAN2).
3. **Verify Connection:** Check the LED indicators on the front panel. A solid green light typically indicates a successful connection and power delivery.

STEAMEMO

Smart Managed PoE Switch

Makes the activities more flexible and cost effective



8 PoE Ports



IEEE802.1Q VLAN



Remote & local Management



VLAN/QoS



Visual Network Quality Monitoring



Port restart/scheduled restart



Android



IOS

Image: A visual guide demonstrating the simple three-step setup process: connecting the power cable, connecting network devices to the switch, and the resulting network operation.

5. OPERATING INSTRUCTIONS

5.1 Managed vs. Unmanaged Mode

The switch offers dual-mode flexibility. In its default state, it operates as a plug-and-play unmanaged switch. For advanced features, use the DIP switch to enable managed mode, allowing configuration via web interface or mobile app.

5.2 Remote Management

Manage your network effortlessly using the web interface or the dedicated mobile application. This allows for real-time traffic monitoring, device prioritization, and configuration of advanced features from any location.

Easy Remote Management – Anytime, Anywhere

Web Dashboard & Mobile App for Port Configuration

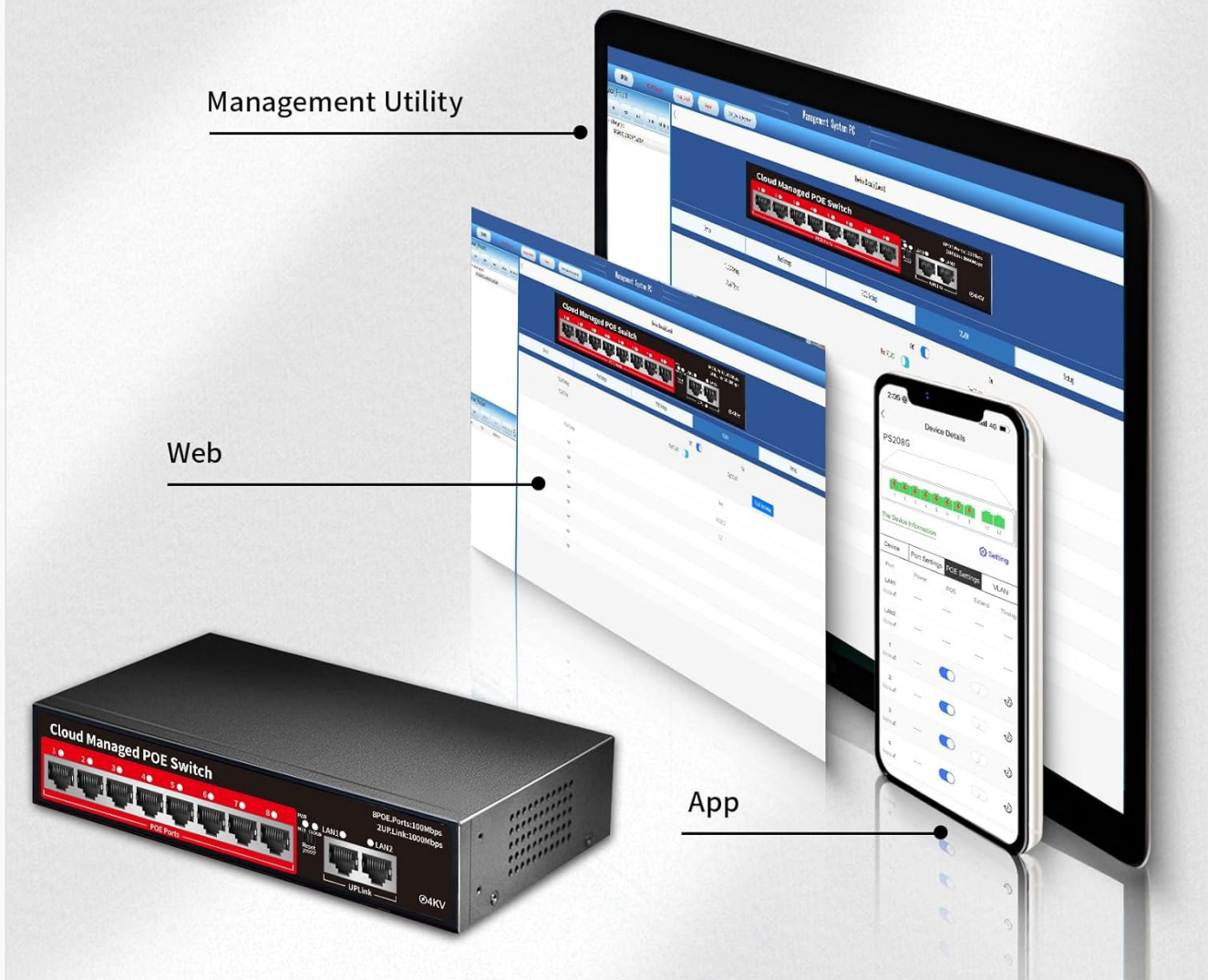


Image: The STEAMEMO PoE+ Switch being managed remotely through a web dashboard on a tablet and a mobile application on a smartphone, illustrating easy remote access.

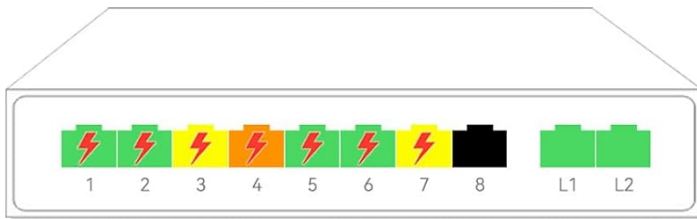
Download the mobile app:

- Android App (SSCPOE)
- iOS App (SSCPOE)

5.3 VLAN Configuration

Utilize 802.1Q VLANs to segment your network for improved security and performance. This allows you to isolate traffic between different groups of devices, such as surveillance cameras, office computers, and guest networks.

PS208G



[The Device Information](#)

[Setting](#)

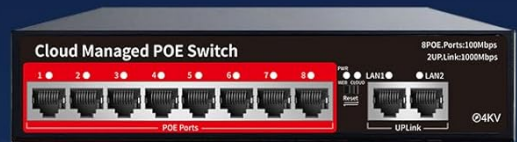
Device	Port Settings	POE Settings	VLAN
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VLAN Setting: Off On

VLAN Type: Port VLAN Tag VLAN

VLAN Port Setting

Segment Smart, Secure Stronger
– VLANs Power Your Network.



With VALN

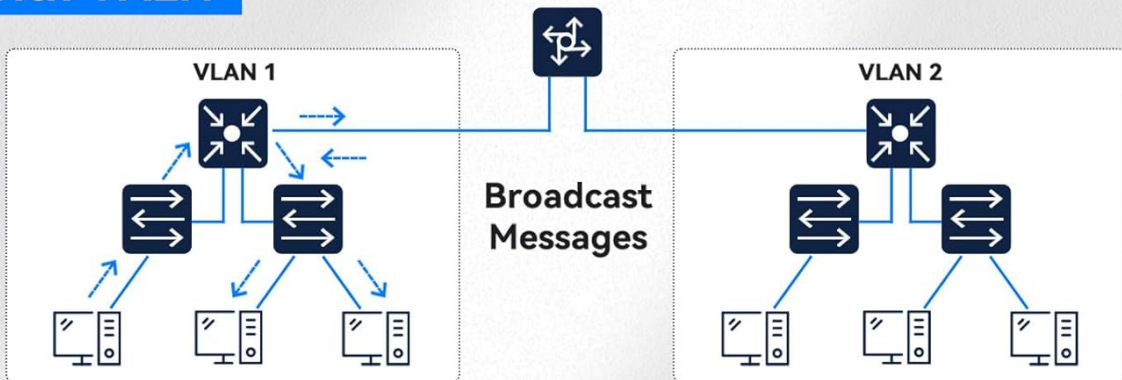
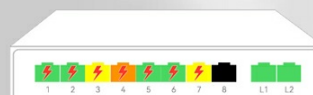


Image: A screenshot of the switch's management interface, specifically showing the VLAN settings tab where users can enable/disable VLAN and configure VLAN types.

Color-Coded Port Intelligence

Instantly Identify Network Health at a Glance



Port Icon Description

Powered Good Normal Poor Disconnected

When it shows yellow or orange, please turn on the Extended Mode or check if the network cable is over CAT5 Cable and transmission distance is within 100m

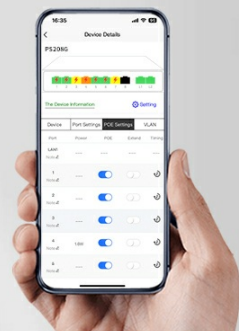


Image: A network diagram demonstrating how VLANs (VLAN1, VLAN2, VLAN3) can segment different types of network traffic, such as surveillance, office, and guest networks, for enhanced security.

5.4 QoS Prioritization

Prioritize critical network traffic with Quality of Service (QoS) settings. This ensures that bandwidth-sensitive applications, such as video streaming or VoIP, receive preferential treatment, reducing latency and improving performance.

QoS Prioritized Traffic

Set upload/download limits individually for your devices



↑
Uplink
Rate

↓
Downlink
Rate

681Kb 22.9Mb

31.9Mb 1.0Mb

93Kb 1.3Mb

57Kb 818Kb

72Kb 1.1Mb

74Kb 1.3Mb

Click to set

LAN1

Working Modal: full_100M

Port Rate Limit

Up: 0 M

Down: 0 M

Cancel Sure

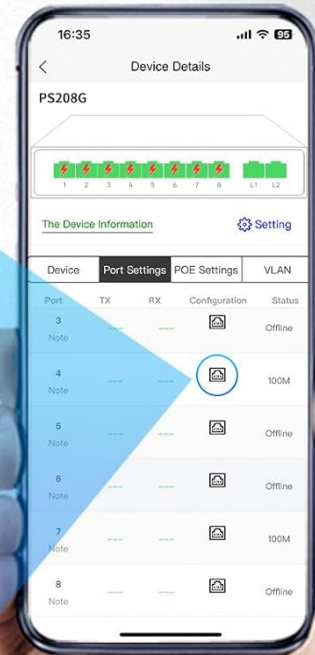


Image: A screenshot from the switch's management interface showing how to set individual uplink and downlink rate limits for each port, enabling QoS prioritization.

VALN For Higher Security

Abundant VLAN functions help to build a business network with better management and higher security.



Image: A diagram illustrating QoS prioritization and port-based rate limiting, showing how to manage and allocate bandwidth to different devices to prevent network congestion.

5.5 PoE Scheduling and Port Reboot

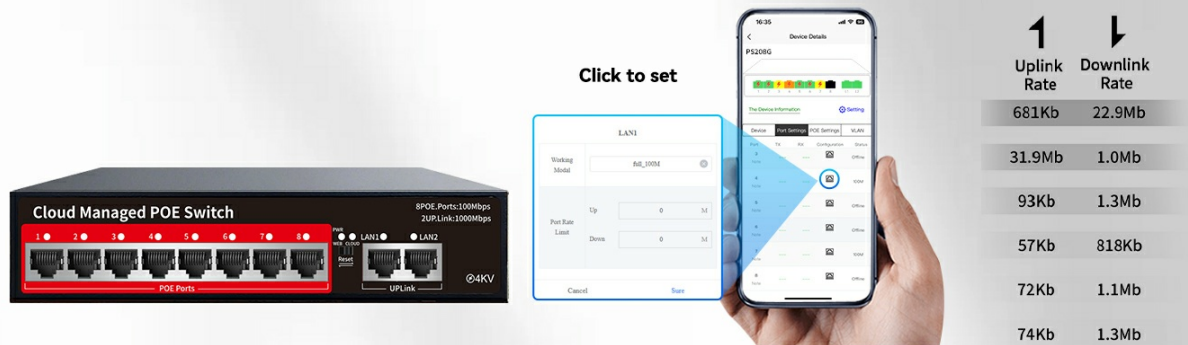
Configure PoE scheduling to automatically power on/off connected devices at specific times, optimizing energy consumption. You can also remotely restart individual PoE ports to troubleshoot unresponsive devices without physical intervention.

Remotely restart/disable PoE ports and auto-reboot devices when detecting frozen feeds or dropped connections, eliminating on-site troubleshooting.



Image: A screenshot of the PoE scheduling interface, allowing users to set specific times for PoE ports to turn on or off, enhancing energy management.

QoS Prioritization & Port-Based Rate Limiting – Block Bandwidth Hogs



Click to set

Uplink Rate	Downlink Rate
681Kb	22.9Mb
31.9Mb	1.0Mb
93Kb	1.3Mb
57Kb	818Kb
72Kb	1.1Mb
74Kb	1.3Mb

Image: A visual representation of remotely restarting or disabling PoE ports to auto-reboot connected devices such as PoE wireless access points, cameras, and routers, eliminating the need for on-site troubleshooting.

5.6 Extended Mode

For deployments requiring longer cable runs, the switch supports an Extended Mode. This feature allows PoE power and data transmission up to 250 meters, ideal for large-area IP camera or access point installations.

STEAMEMO Managed PoE Switches vs other Unmanaged Switches

Simplify Your Network – Smarter Control, Less Work!



STEAMEMO Managed Switches

VS

other Unmanaged Switches

Image: A graphic highlighting the One-Click Extended Mode, which enables the Smart Managed PoE Switch to deliver power and enhance network performance over distances up to 250 meters, suitable for IP camera deployments.

6. MAINTENANCE

The STEAMEMO PoE+ Switch is designed for reliable, long-term operation with minimal maintenance. Its fanless metal casing ensures silent operation and efficient heat dissipation. To maintain optimal performance:

- Keep the device in a well-ventilated area, away from direct sunlight and heat sources.
- Ensure the ventilation holes on the sides are not obstructed.
- Clean the exterior with a soft, dry cloth as needed. Do not use liquid or aerosol cleaners.
- Regularly check for firmware updates through the management interface to ensure the latest features and security patches.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your STEAMEMO PoE+ Switch.

7.1 Port Status Indicators

The switch features color-coded port intelligence to help identify network health at a glance. Refer to the following guide:

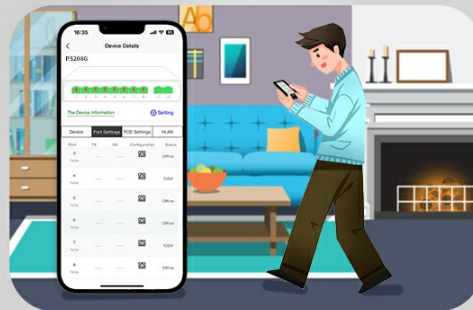
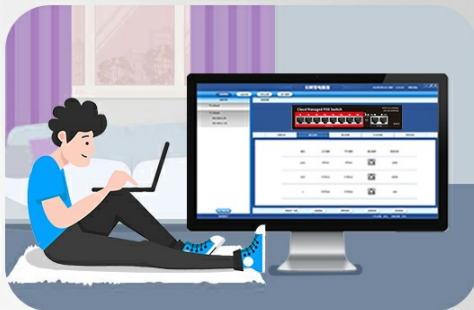
Green: Good data transmission.

Orange: Poor data transmission (e.g., video stuck loading). This may indicate a cable issue or a device problem.

Yellow: Powered, but potentially an issue with the network cable (e.g., over CAT5 cable, transmission distance within 100m).

Red: Disconnected or no power.

Manage with Ease: Anytime Remote Troubleshooting via Mobile/Web Interface-No On-Site Visits Required.



Features For Businesses



Cost Effective



Smart Managed



Unified Management

Image: A visual guide explaining the meaning of the color-coded LED indicators on the switch ports, helping users instantly identify network health and potential issues.

7.2 Common Issues and Solutions

- **No Power:** Ensure the power cable is securely connected to both the switch and the power outlet. Verify the outlet is functional.
- **Device Not Receiving Power (PoE):** Check if the connected device is PoE-compatible (IEEE 802.3at/af). Ensure the Ethernet cable is properly connected and not damaged. Check the port status indicator for the specific port.
- **No Data Connection:** Verify Ethernet cables are securely connected to both the switch and the device. Check the port status indicator. Ensure the uplink port is connected to your main network.
- **Slow Network Performance:** Check for excessive network traffic. Utilize QoS settings to prioritize critical data. Ensure cables are not exceeding recommended lengths, especially in Extended Mode.
- **Cannot Access Management Interface:** Ensure the switch is in managed mode (check DIP switch). Verify your computer is on the same network segment as the switch. Refer to the product documentation for default IP address and login credentials.

8. SPECIFICATIONS

Below are the technical specifications for the STEAMEMO 8-Port 120W PoE+ Managed Ethernet Switch:

Feature	Specification
Model Number	10 Ports 120W 8xPoE+
PoE Ports	8 x 10/100Mbps PoE+ (IEEE 802.3at/af)
Uplink Ports	2 x 10/100/1000Mbps Ethernet
Total PoE Power Budget	120W
Max Power Per PoE Port	30W
Data Transfer Rate	100 Megabits Per Second (PoE ports), 1000 Megabits Per Second (Uplink ports)
Interface Type	RJ45
Product Dimensions (L x W x H)	7.5" x 5.5" x 1.7" (19.05cm x 13.97cm x 4.32cm)
Item Weight	2.03 pounds (0.92 kg)
Case Material	Metal
Voltage	220 Volts (AC Input)
Upper Temperature Rating	55 Degrees Celsius
Protection Features	Overcurrent, Overload, Short-circuit, 4KV Lightning Protection
Mounting Options	Desktop / Wall Mount

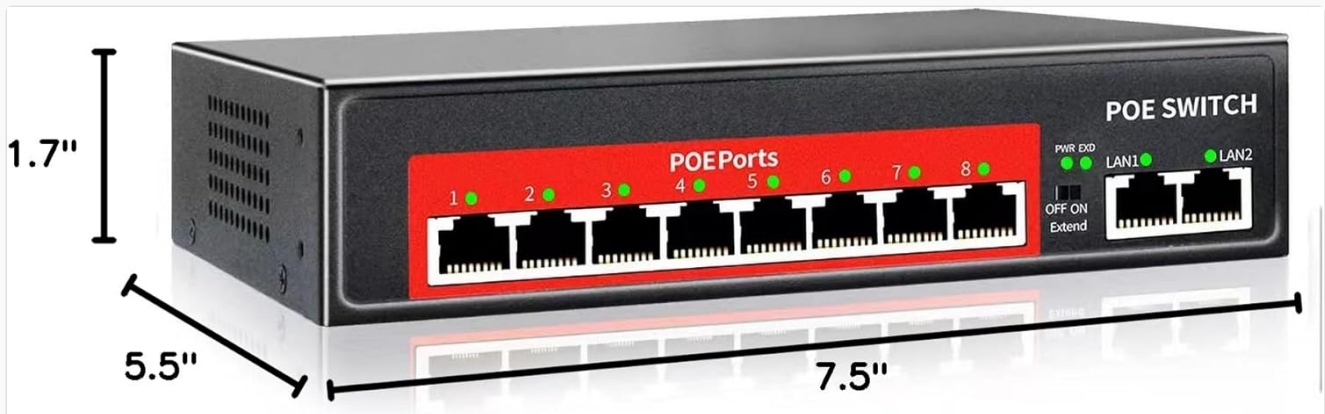


Image: The physical dimensions of the STEAMEMO 8-Port PoE+ Switch, measuring 7.5 inches in length, 5.5 inches in width, and 1.7 inches in height.

9. WARRANTY AND SUPPORT

The STEAMEMO 8-Port 120W PoE+ Managed Ethernet Switch comes with a **1-year replacement warranty** from the date of purchase. This warranty covers manufacturing defects and ensures product reliability.

For technical assistance, troubleshooting, or warranty claims, please contact STEAMEMO customer service. Our dedicated support team is available to provide assistance and ensure your satisfaction.

