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› [SODOLA 6 Port 2.5Gb Easy Web Managed Switch SL902-SWTG124AS User Manual](#)

Sodola SL902-SWTG124AS

SODOLA 6 Port 2.5Gb Easy Web Managed Switch User Manual

Model: SL902-SWTG124AS

Brand: Sodola

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SODOLA 6 Port 2.5Gb Easy Web Managed Switch (Model: SL902-SWTG124AS). This device is designed to enhance network connectivity with high-speed 2.5GbE and 10GbE SFP+ ports, offering advanced management features for home and prosumer environments.

PRODUCT OVERVIEW

The SODOLA SL902-SWTG124AS is a 6-port web-managed switch featuring 4x 100/1000/2500M RJ45 ports and 2x 10G SFP+ ports. It is housed in an aluminum alloy casing for efficient heat dissipation and offers flexible placement options.



Figure 1: Front and rear view of the SODOLA 6-Port 2.5G Smart Web Switch, highlighting 4x 2.5G RJ45 ports, 2x 10G SFP+ ports, DC 12V input, Power Indicator, Reset Button, and Grounding Screw.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x SODOLA 6 Port 2.5G Managed Ethernet Switch (SL902-SWTG124AS)
- 1x User Manual
- 1x Power Cord
- 4x Magnetic feet

SETUP

1. Physical Connection

1. **Power Connection:** Connect the provided power cord to the DC 12V input port on the switch and plug it into a power outlet. The Power Indicator LED will illuminate.
2. **Ethernet Connections:** Connect your network devices (computers, NAS, Wi-Fi 6 APs, etc.) to the RJ45 ports (1-4) using Cat5e, Cat6, or Cat7 Ethernet cables. The switch supports auto-negotiation for 100Mbps, 1Gbps, and 2.5Gbps speeds.
3. **SFP+ Connections:** For 10Gbps connectivity, insert compatible SFP+ modules (not included) into the SFP+ ports (5-6) and connect them to your 10G-capable devices using appropriate fiber optic cables.

2. Magnetic Mounting

The switch includes four magnetic pads for flexible placement. These can be attached to metal surfaces such as racks or desks. To install the magnetic feet:

1. Remove the bottom screws from the switch casing.
2. Attach the magnetic assembly clockwise into the screw holes.



Figure 2: Instructions for attaching the magnetic feet to the switch for secure mounting on metal surfaces.

3. Cable Compatibility

The switch is designed for seamless upgrades without requiring new cabling for 2.5G speeds if you already have Cat5e or Cat6 cables. For 10G SFP+ connections, ensure you use appropriate fiber optic modules and cables.



Figure 3: Cable compatibility chart indicating support for Cat5e, Cat6, and Cat6a cables for 1G and 2.5G speeds.

4. Web Management Access

To access the web-managed interface:

1. Clear your browser cache.
2. Adjust your PC's network settings to match the switch's default subnet. The default IP address is **192.168.2.1**.
3. Open a web browser and navigate to **192.168.2.1**.
4. Log in using the default username and password (typically 'admin' for both).

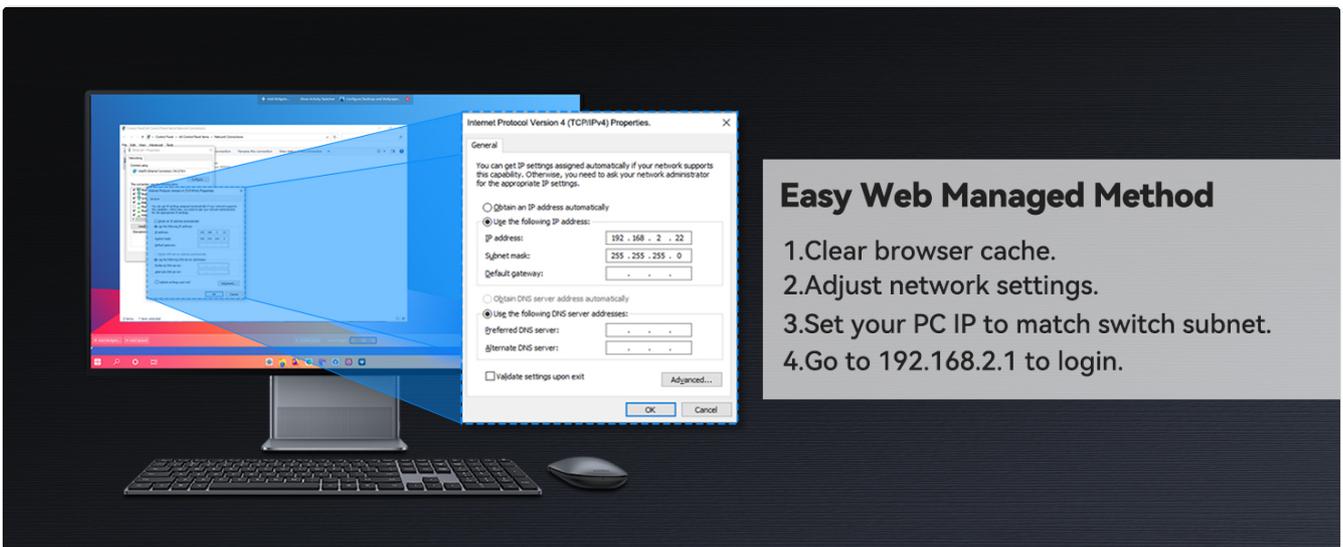


Figure 4: Step-by-step guide for accessing the switch's web management interface, including default IP, username, and password.

OPERATING

1. LED Indicators

- **PWR LED:** Indicates power status.
- **RJ45 Port LEDs:** Green indicates a 2.5Gbps link. Yellow indicates a 100/1000Mbps link. Blinking indicates activity.
- **SFP+ Port LEDs:** Indicate link status and activity for 1G/2.5G/10Gbps connections.

2. Web Interface Navigation

The web interface provides intuitive controls for various network settings. You can configure, monitor, and troubleshoot the device without command-line interface (CLI) expertise.

VLAN for Higher Security

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



Figure 5: Overview of the web management interface, showcasing features like IGMP, VLAN, DHCP, QoS, MAC Address, Link Aggregation, Loop Protocol, Port Mirroring, and Jumbo Frame.

3. Key Features

- **Link Aggregation (LACP):** Combine multiple physical links into a single logical link for increased bandwidth and redundancy.
- **VLANs:** Create virtual local area networks for enhanced security and network segmentation.
- **Quality of Service (QoS):** Prioritize network traffic to ensure optimal performance for critical applications like gaming or video streaming.
- **IGMP Snooping:** Optimize multicast traffic delivery, improving performance for applications such as IPTV.

4. Saving Configuration

After making any changes in the web interface, ensure you save the configuration to apply them permanently. Navigate to the 'Save Configuration' section and confirm your changes.

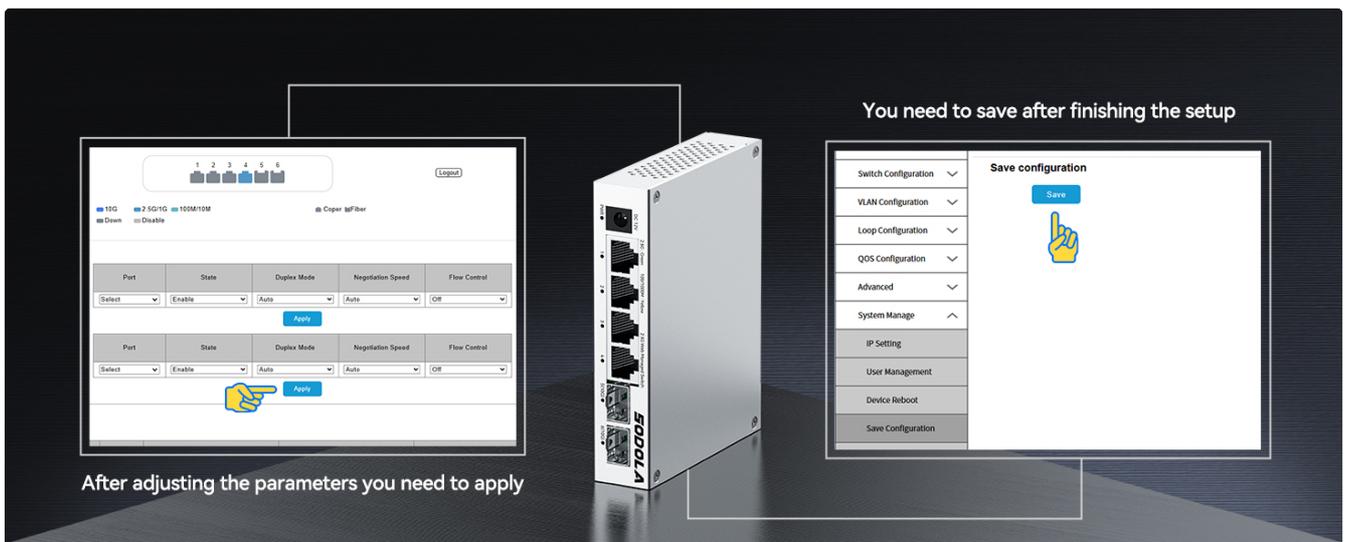


Figure 6: The 'Save configuration' option must be selected after adjusting parameters to ensure changes are applied and retained.

MAINTENANCE

1. Cooling and Reliability

The SODOLA switch features an aluminum alloy housing and a fanless design, which contributes to efficient heat dissipation and silent operation. This design helps maintain consistent performance and reduces packet loss.



Figure 7: The unique aluminum alloy housing provides thermal conductivity and optimized heat dissipation, ensuring cooler and more reliable networking.

2. Firmware Updates

Periodically check the manufacturer's website for firmware updates. Keeping your switch's firmware up-to-date ensures optimal performance, security, and access to new features.

TROUBLESHOOTING

- **No Link/Activity:** Ensure cables are securely connected and compatible with the port speed. Check the LED indicators for link status.
- **Slow Speed:** Verify that connected devices and cables support the desired 2.5Gbps or 10Gbps speeds. Check for network congestion or duplex mismatches in the web interface.
- **Web Interface Unreachable:** Confirm your PC's IP address is in the same subnet as the switch (default 192.168.2.x). Try resetting the switch to factory defaults using the reset button if necessary.
- **Reset Button:** A small reset button is located on the device. Use a paperclip to press and hold it for several seconds to restore factory default settings.

SPECIFICATIONS

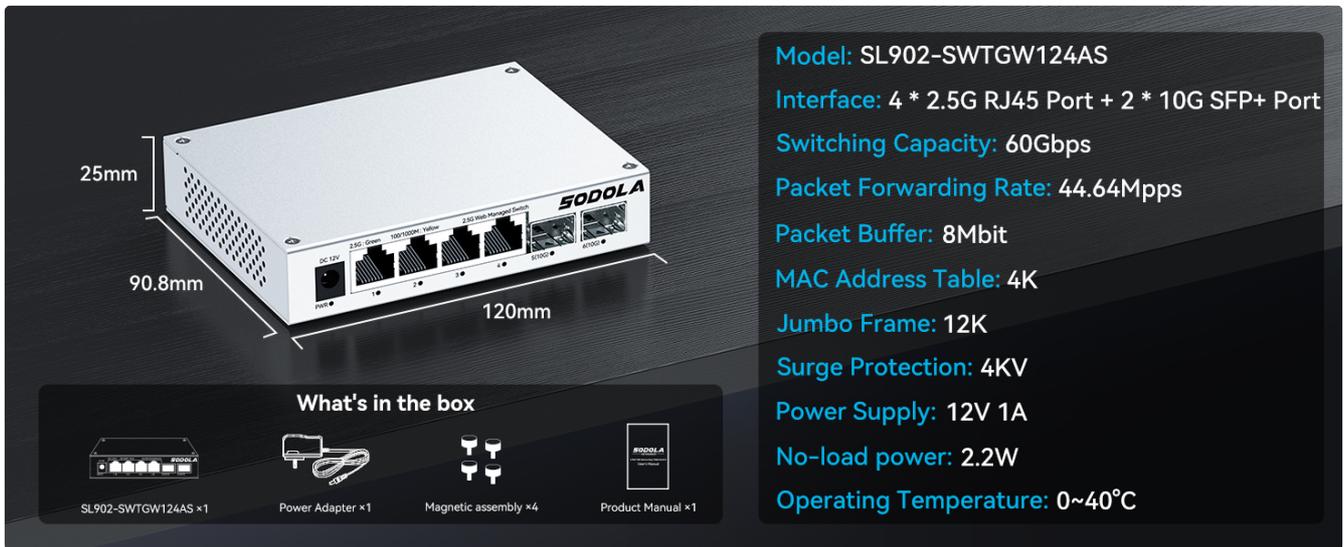


Figure 8: Key specifications of the SODOLA SL902-SWTGW124AS 6-Port 2.5G Ethernet Switch.

Feature	Description
Model	SL902-SWTGW124AS
Interface Type	4x 2.5G RJ45 Ports, 2x 10G SFP+ Ports
Switching Capacity	60Gbps
Packet Forwarding Rate	44.64Mpps
Packet Buffer	8Mbit
MAC Address Table	4K
Jumbo Frame	12K
Surge Protection	4KV
Power Supply	12V 1A
No-load Power	2.2W
Operating Temperature	0~40°C
Case Material	Aluminum
Item Weight	11.7 ounces
Package Dimensions	7.2 x 4.88 x 3.27 inches

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Sodola website or contact their customer service directly. Keep your purchase receipt for warranty claims.

ADDITIONAL RESOURCES

Watch the official seller video for a visual overview of a similar 6-Port Ethernet Switch:

Video 1: A brief 9-second overview of a 6-Port Ethernet Switch, demonstrating its physical appearance and port layout. This video is provided by a seller and is relevant for visual reference of a similar product.