

YuanLey 9 Port | 8x2500Mbps+1x10G SFP

YuanLey 8 Port 2.5G Unmanaged Desktop Ethernet Switch with 10G SFP User Manual

MODEL: 9 PORT | 8x2500Mbps+1x10G SFP

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your YuanLey 8 Port 2.5G Unmanaged Desktop Ethernet Switch with 10G SFP. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

2. Package Contents

Verify that your package contains the following items:

- 1 x YuanLey 8 Port 2.5G Ethernet Switch
- 1 x Power Cord
- 1 x User Manual

3. Product Features

- **9 Port Configuration:** Includes 8 x 2.5 Gigabit Ethernet ports and 1 x 10G SFP+ Port.
- **High-Speed Performance:** Delivers 2.5 times faster network performance than traditional Gigabit switches, with a switching capacity of up to 60Gbps.
- **Plug and Play:** Unmanaged design requires no configuration for immediate use.
- **Durable and Quiet:** Features a metal case with 6KV lightning protection and a fanless design for silent operation.
- **Wide Operating Temperature:** Functions reliably in temperatures ranging from -10°C to 50°C.
- **Versatile Placement:** Supports both wall mount and desktop placement.

4. Product Overview



Figure 4.1: YuanLey 8 Port 2.5G Unmanaged Desktop Ethernet Switch



Figure 4.2: Front Panel Overview with Ports and Indicators

The switch features 8 RJ45 ports supporting 10/100/1000Mbps/2.5G adaptive speeds and 1 SFP+ port for 1G/2.5G/10G fiber connections. LED indicators provide status for power and link activity.

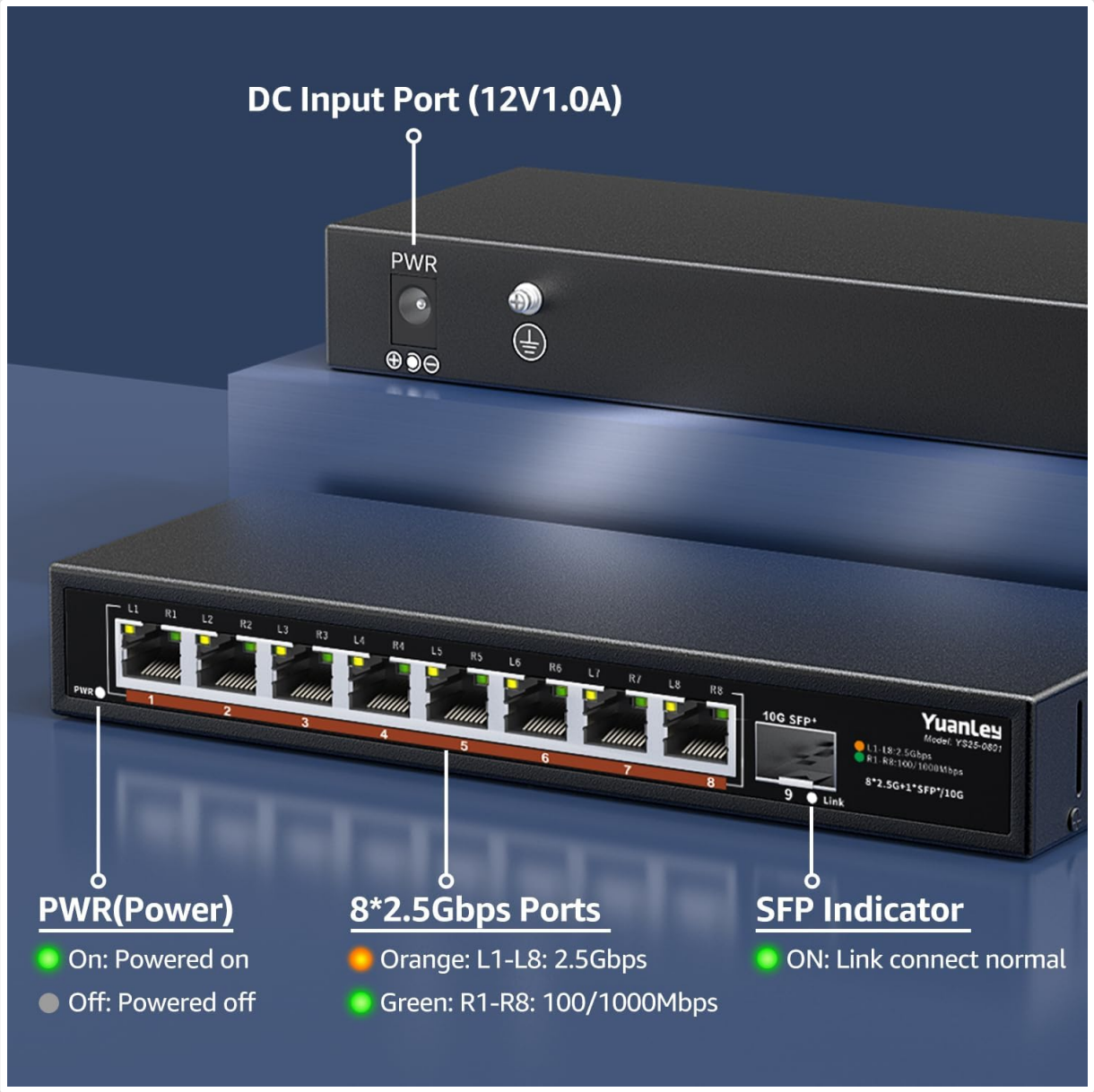


Figure 4.3: Rear Panel Overview with Power Input

High Performance Switch Ideal for 2.5G Devices

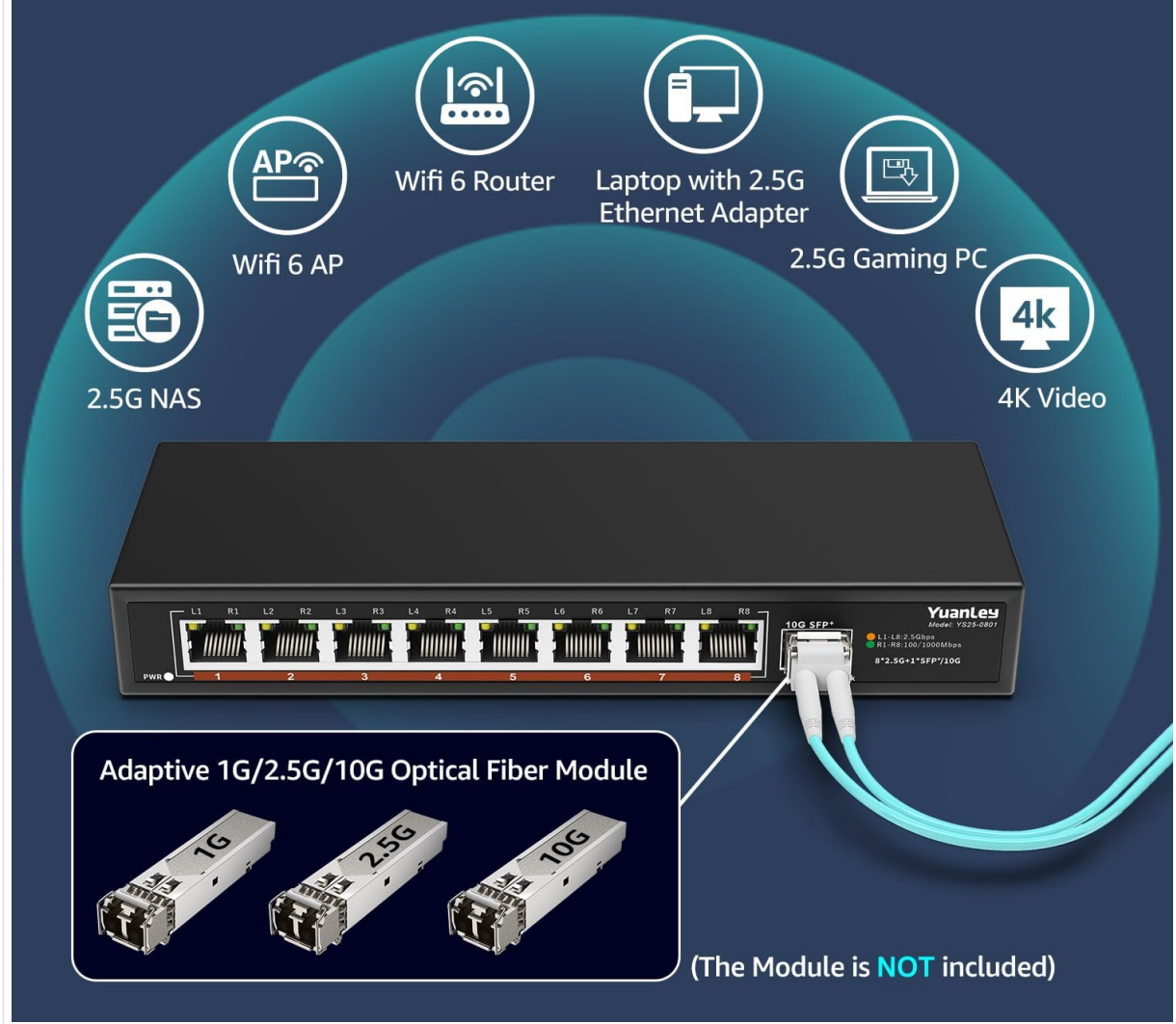


Figure 4.4: Detailed View of Ports and Indicators

The rear panel includes the DC 12V/1.0A power input port and a grounding screw for electrical safety. The front panel LEDs indicate power status, 2.5Gbps link speed (orange), and 100/1000Mbps link speed (green) for RJ45 ports, and link status for the SFP+ port.

5. Setup

Follow these steps to set up your YuanLey Ethernet Switch:

1. **Connect Power:** Plug the provided power adapter into the DC 12V/1.0A input port on the rear of the switch, then plug the adapter into a power outlet. The PWR LED on the front panel will illuminate green.
2. **Connect Ethernet Devices:** Connect your network devices (e.g., computers, NAS, WiFi 6 APs, gaming PCs) to the 2.5G Base-T ports (1-8) using standard Ethernet cables (Cat5e or higher recommended for 2.5G speeds). The corresponding port LEDs will light up to indicate a successful connection and speed.
3. **Connect SFP+ Module (Optional):** If using the 10G SFP+ port, insert a compatible 1G/2.5G/10G SFP/SFP+ module (not included) into the SFP+ slot. Then, connect a fiber optic cable or DAC cable to the module. The SFP indicator LED will light up when a link is established.

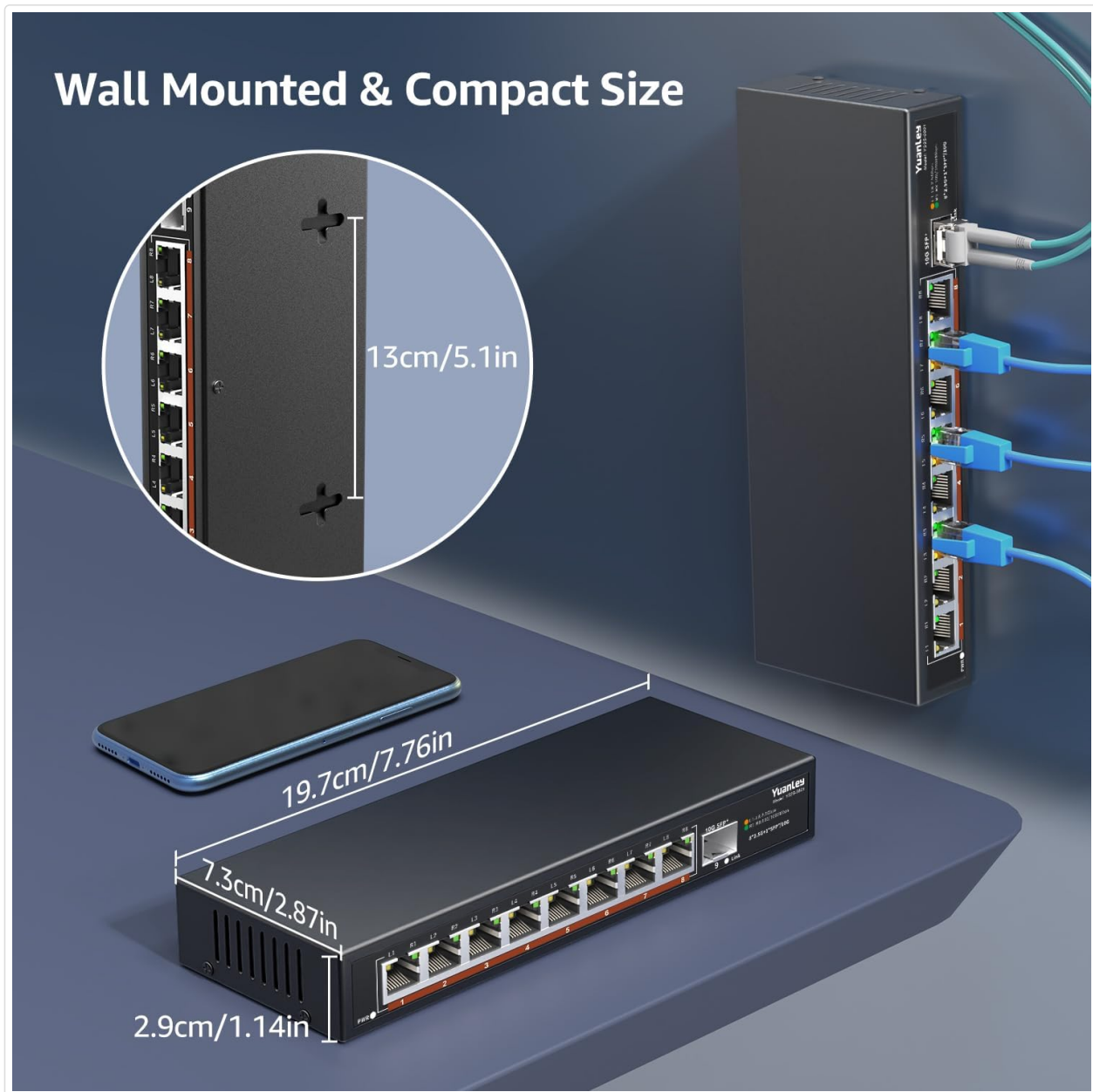


Figure 5.1: Typical Network Setup with the YuanLey Switch

Setup Video Guide

Your browser does not support the video tag.

Video 5.1: An official YuanLey video demonstrating the setup and features of the 8 Port 2.5Gbps Switch.

6. Operating the Switch

The YuanLey 2.5G Unmanaged Ethernet Switch is designed for simple plug-and-play operation. Once powered on and connected to your network devices, it will automatically detect the link speed and establish connections without any further configuration.

- **LED Indicators:** Observe the PWR, L1-L8, and SFP+ Link LEDs to monitor the switch's status and network activity.
- **Auto MDI/MDIX:** The switch supports Auto MDI/MDIX, eliminating the need for crossover cables.
- **Adaptive Speed:** RJ45 ports automatically adapt to 10/100/1000Mbps or 2.5Gbps.

7. Maintenance

To ensure optimal performance and longevity of your switch, consider the following maintenance guidelines:

- **Placement:** Place the switch in a well-ventilated area, away from direct sunlight, heat sources, and excessive moisture. The fanless design relies on natural convection for cooling.
- **Cleaning:** Periodically clean the exterior of the switch with a soft, dry cloth. Avoid using liquid or aerosol cleaners.
- **Cable Management:** Ensure network cables are neatly organized and not excessively bent or strained.
- **Power Supply:** Use only the original power adapter provided with the switch.



Figure 7.1: Fanless Design and Environmental Considerations

8. Troubleshooting

If you encounter issues with your switch, refer to the following common problems and solutions:

- **No Power:**
 - Ensure the power adapter is securely connected to the switch and a working power outlet.
 - Check if the PWR LED is illuminated. If not, try a different power outlet.
- **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.
 - Ensure the connected device is powered on and functioning correctly.
 - Check the LED indicator for the specific port. If it's off, there might be no link.
- **Slow Network Speed:**
 - Ensure all devices in the network path (NICs, cables, routers) support 2.5G speeds to achieve maximum performance.
 - Use Cat5e or higher-rated Ethernet cables for 2.5G connections.
 - Check the color of the port LED: Orange indicates 2.5Gbps, Green indicates 100/1000Mbps.
 - **SFP+ Port Issues:**
 - Ensure the SFP/SFP+ module is correctly inserted and compatible with the switch.
 - Verify the fiber optic or DAC cable is properly connected and undamaged.
 - Check the SFP indicator LED for link status.

9. Specifications

Feature	Specification
Model Number	9 Port 8x2500Mbps+1x10G SFP
Product Dimensions	7.76"L x 2.87"W x 1.14"H (19.7cm x 7.3cm x 2.9cm)
Item Weight	1.36 pounds (0.62 Kilograms)
Number of Ports	8 x 2.5G Base-T, 1 x 10G SFP+
Data Transfer Rate	60 Gigabits Per Second (Switching Capacity)
Voltage	230 Volts (AC) input to adapter, 12V DC output
Case Material	Metal
Operating Temperature	-10°C to 50°C
Lightning Protection	6KV
UPC	790885573743

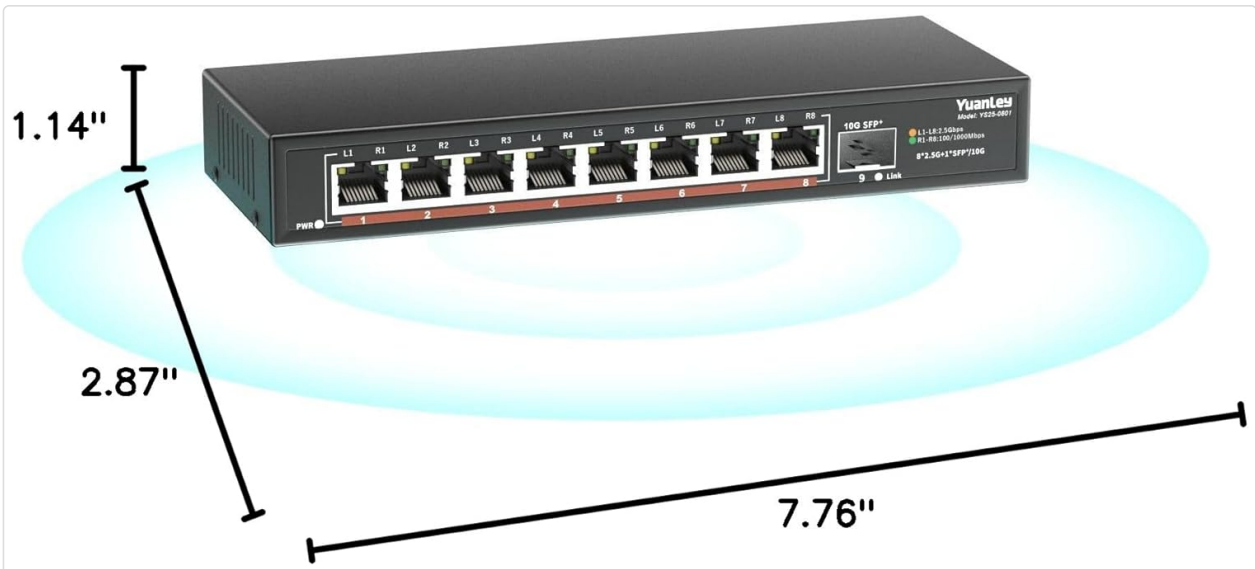


Figure 9.1: Product Dimensions

10. Warranty and Support

YuanLey products are designed for reliability and performance. For warranty information and technical support, please refer to the official YuanLey website or contact their customer service directly. Keep your purchase receipt for warranty claims.

For further assistance, you may visit the [YuanLey Store on Amazon](#).

Related Documents - 9 Port | 8x2500Mbps+1x10G SFP

	<p>YuanLey Managed Switch User Manual - Gigabit Ethernet Network Configuration Guide</p> <p>Comprehensive user manual for the YuanLey 28-port Gigabit Managed Switch, detailing hardware installation, web interface navigation, advanced network configuration (VLAN, QoS, Security), and troubleshooting. Designed for professional network management.</p>
	<p>Yuanley 2.5G Unmanaged Ethernet Switch User Manual & Specifications</p> <p>Comprehensive user manual and technical specifications for Yuanley's 2.5G Unmanaged Ethernet Switches, including models YS25-1602, YS25-1600, YS25-2400, YS25-2402, YS25-0802T, YS25-1602P, and YS25-2402P. Learn about features, application scenarios, and detailed parameters.</p>
	<p>Yuanley Ethernet Switch Installation Guide Manual</p> <p>Comprehensive installation guide manual for Yuanley Ethernet switches, covering setup, safety, and specifications in multiple languages.</p>

