EWIND EW-S1605CGU

EWIND 5-Port Gigabit Ethernet Switch User Manual

Model: EW-S1605CGU

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EWIND 5-Port Gigabit Ethernet Switch. This unmanaged network switch is designed to expand your wired network capacity with ease, offering high-speed connectivity for multiple devices.

2. PRODUCT OVERVIEW

The EWIND 5-Port Gigabit Ethernet Switch (Model: EW-S1605CGU) is a compact, fanless device featuring five 10/100/1000Mbps auto-sensing RJ45 ports. It supports Auto MDI/MDIX and IEEE 802.3az energy-efficient standards. The durable metal casing ensures quiet operation and efficient heat dissipation.

Figure 1: Front view of the EWIND 5-Port Gigabit Ethernet Switch, showing five RJ45 ports and a power indicator.

3. KEY FEATURES

- **Plug & Play Operation:** No configuration required. Simply connect your devices for instant gigabit networking.

- **Dual-Color LED Indicators:** Each port features a dual-color LED to quickly distinguish between 100Mbps (Green) and 1000Mbps (Yellow) port statuses.

- **Gigabit High-Speed Connectivity:** Provides 10/100/1000Mbps speeds for reliable data transmission.

- **VLAN Isolation:** Supports VLAN isolation for enhanced network segmentation and security.

- **Energy Efficiency:** IEEE 802.3az compliant, dynamically adjusting power usage for energy savings.

- **Silent, Fanless Design:** Graphene nano-coating and honeycomb structure ensure quiet operation and efficient heat dissipation.

- **Durable Metal Casing:** Encased in a precision CNC-cut metal chassis for long-lasting durability.

- **Flexible Installation:** Supports desktop placement and wall mounting.

4. PACKAGE CONTENTS

Verify that your package contains the following items:

- 1 x EWIND 5-Port Gigabit Ethernet Switch
- 1 x Power Adapter
- 1 x Quick Installation Guide

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Video 1: Unboxing the EWIND 5-Port Gigabit Ethernet Switch, showing the compact size and included accessories. (Note: Actual video URL not provided in JSON, placeholder used.)

5. Setup and Installation

5.1 Connecting the Power Adapter

1. Connect the provided power adapter to the DC 5V/1A port on the switch.

2. Plug the power adapter into a standard electrical outlet. The Power LED on the switch will illuminate, indicating it is receiving power.

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Video 2: Demonstrating how to connect the power adapter to the EWIND switch. (Note: Actual video URL not provided in JSON, placeholder used.)

5.2 Connecting Network Devices

1. Connect an Ethernet cable from your router or modem to any of the five RJ45 ports on the EWIND switch. This port will act as your uplink.

2. Connect Ethernet cables from your network devices (e.g., computers, gaming consoles, smart TVs, NAS) to the remaining RJ45 ports on the switch.

3. The corresponding LED indicators for each connected port will light up, indicating an active connection.

Figure 2: The EWIND switch connected to various devices like a TV, game console, computer, security camera, and NAS, illustrating network expansion.

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Video 3: A user connecting multiple Ethernet cables to the EWIND 5-Port Gigabit Ethernet Switch, demonstrating its plug-and-play functionality. (Note: Actual video URL not provided in JSON, placeholder used.)

5.3 Wall Mounting

The switch features mounting slots on its underside for wall installation. Use appropriate screws (not included) to secure the switch to a wall or other flat surface.

Figure 3: Underside of the switch showing keyhole slots for wall mounting.

6. OPERATING INSTRUCTIONS

6.1 LED Indicators

The EWIND switch uses dual-color LEDs for each port to indicate connection speed:

- **Yellow Light:** Indicates a 1000Mbps (Gigabit) connection.
- **Green Light:** Indicates a 10/100Mbps connection.
- **No Light:** Indicates no active connection or no device is powered on.

**1 Step, Perfect Fit!
Literally Plug and Play**

No apps, no passwords, transform Beginners into Experts!

1000Mbps

EWIND 5-Port Gigabit Switch

1 2 3 4 5

Power
Yellow=1000M
Green=10/100M

Power
Light

Exclusive

2-Color LED Indicators

Effectively helps you distinguish
between 100Mbit and Gbps connections

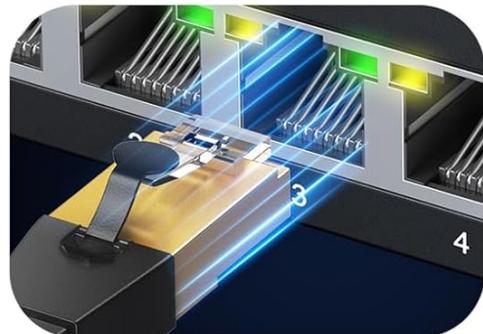Yellow=1000M   Green=10/100M

Figure 4: Close-up view of the switch's LED indicators, showing yellow for 1000M and green for 10/100M connections.

6.2 VLAN Isolation (Optional)

The switch supports VLAN isolation. If enabled, this feature segments network traffic, enhancing security and performance by isolating devices from each other. Refer to the Quick Installation Guide for specific instructions on enabling or disabling VLAN isolation, if applicable to your model.

Figure 5: Visual representation of VLAN isolation, showing how the EWIND switch can create a secure network by segmenting traffic.

7. SPECIFICATIONS

Feature	Detail
Brand	EWIND
Model	EW-S1605CGU
Number of Ports	5
Interface Type	5 10/100/1000Mbps, Auto-Negotiation, Auto-MDI/MDIX Ports, RJ45
Data Transfer Rate	1000 Megabits Per Second
Case Material	Metal
Voltage	5 Volts
Current Rating	1 Amps
Upper Temperature Rating	40 Degrees Celsius
Item Weight	8.1 ounces
Package Dimensions	4.61 x 4.13 x 1.14 inches
Compatible Devices	Camera, Computers, Servers, Printers, Network-attached Storage Devices, Smart Devices, Network Set-Top Boxes, Gaming Consoles, Routers

8. TROUBLESHOOTING

- **No Power LED:** Ensure the power adapter is securely connected to both the switch and a working electrical outlet.

- **No Link/Activity LED:**
    - Verify that the Ethernet cable is securely connected to both the switch port and the network device.
    - Check if the connected network device is powered on and functioning correctly.
    - Try using a different Ethernet cable to rule out cable issues.
    - Ensure the cable type is compatible (Cat5e or higher recommended for Gigabit speeds).

- **Slow Connection Speed (Green LED instead of Yellow for Gigabit device):**
    - Confirm that both the connected device and the Ethernet cable support Gigabit speeds.
    - Replace the Ethernet cable with a known good Cat5e/Cat6/Cat7/Cat8 cable.
    - Ensure the device's network adapter is configured for Gigabit speed (if configurable).

- **VLAN Isolation Issues:** If you are experiencing unexpected network segmentation, check the VLAN switch setting on the device (if applicable to your model).

9. WARRANTY AND SUPPORT

EWIND is committed to providing high-quality products and customer satisfaction. Your purchase includes:

- **Lifetime Protection:** Covers both installation and any accidental issues.
- **24/7 Professional Support:** Access to 1-on-1 professional support for any queries or assistance.

For further assistance, please refer to the contact information provided in your Quick Installation Guide or visit the official EWIND website.