Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

UGREEN 35048JP

UGREEN 2.5Gbps 6-Port Switch (Model 35048JP) Instruction Manual

High-Speed Network Solution for Home and Office

1. Introduction

Thank you for choosing the UGREEN 2.5Gbps 6-Port Switch. This device is designed to provide high-speed and reliable network connectivity for your home or office. It features 5x 2.5Gbps RJ45 ports and 1x 10Gbps SFP+ port, offering versatile connectivity options and advanced features for enhanced network performance.
Key features include automatic speed adaptation (10/100/1000/2500Mbps), 4KV surge protection, Link Aggregation, VLAN functionality, a fanless design for silent operation, and a durable metal casing for efficient heat dissipation.

2. Product Overview



Figure 2.1: Front view of the UGREEN 2.5Gbps 6-Port Switch, showcasing its compact design and port layout.

The UGREEN 2.5Gbps 6-Port Switch is equipped with the following:

- **5x 2.5Gbps RJ45 Ports:** For connecting devices like PCs, NAS, routers, and game consoles at speeds up to 2.5Gbps.
- **1x 10Gbps SFP+ Port:** For high-speed backbone connections, compatible with 1G/2.5G/10G optical modules and RJ45 copper modules (modules sold separately).
- **Mode Switch:** Allows easy selection between Standard, Link Aggregation, and VLAN modes.
- **LED Indicators:** Provide visual feedback on port status and connection speed (Green for 2.5Gbps, Yellow for

10/100/1000Mbps).

- **DC 12V Power Input:** For connecting the included power adapter.



Figure 2.2: This image highlights the switch's 5x 2.5Gbps RJ45 ports and 1x 10Gbps SFP+ port, illustrating the high-speed networking capabilities.

3. Setup

3.1 Package Contents

- UGREEN 2.5Gbps 6-Port Switch x 1
- DC 12V Power Adapter x 1
- Instruction Manual x 1
- Rubber Feet (with double-sided tape)
- Cable Labels (Green and Orange)



Figure 3.1: The package includes the Ethernet switch, a DC 12V power adapter, and an instruction manual. (Optical transceiver module sold separately).

3.2 Basic Connection (Plug & Play)

1. Connect the DC 12V power adapter to the switch's power input port and then plug it into a power outlet.
2. Connect your network devices (e.g., router, PC, NAS, game console) to the RJ45 ports (1-5) on the switch using Ethernet cables.
3. For 10Gbps connectivity, insert a compatible SFP+ module (sold separately) into the SFP+ port (6) and connect your device.

The switch supports full-duplex and half-duplex modes automatically. No complex configuration is required for basic operation.



Figure 3.2: Demonstrates the simple plug-and-play setup of the switch in a professional workstation environment, connecting to a NAS and multiple monitors.

3.3 Wall Mounting

The switch features integrated mounting holes on its underside, allowing for convenient wall-mounted installation. This helps save space and organize your network cables efficiently.



Figure 3.3: Shows the integrated mounting holes on the switch, allowing for flexible wall-mounted installation to save space.

4. Operating Modes

The UGREEN 2.5Gbps 6-Port Switch offers three operating modes, selectable via a physical switch on the front panel:



Figure 4.1: A close-up of the physical switch for selecting between Standard, Link Aggregation, and VLAN modes, located on the front panel.

4.1 Standard Mode

In Standard Mode, all ports (1-6) can communicate with each other. This is the default mode and suitable for most general networking needs, allowing all connected devices to share the network resources.

4.2 VLAN Mode (Port Isolation)

In VLAN Mode, ports 1-4 are isolated from each other but can communicate with ports 5 and 6. This mode enhances network security by preventing broadcast storms and isolating traffic between specific devices. It is an unmanaged VLAN feature.

4.3 Link Aggregation Mode

In Link Aggregation Mode, ports 4 and 5 are combined into a single logical link, expanding the bandwidth up to 5Gbps. This is ideal for multi-port devices like NAS systems, providing increased throughput and network redundancy.

4.4 LED Indicators

The LED indicators on the switch provide visual feedback on the status of each port:

- **Green LED:** Indicates a 2.5Gbps Ethernet connection.
- **Yellow LED:** Indicates a 10/100/1000Mbps Ethernet connection.



Figure 4.2: The LED indicators on the switch display connection status and speed: Green for 2.5Gbps and Yellow for 10/100/1000Mbps.

5. Maintenance

5.1 Heat Dissipation

The UGREEN 2.5Gbps 6-Port Switch features a robust metal casing designed for superior heat dissipation. This fanless design ensures silent operation while maintaining optimal performance and stability.



Figure 5.1: The durable metal casing with ventilation slots ensures efficient heat dissipation, contributing to stable and reliable operation without a fan.

5.2 Cleaning

To clean the device, gently wipe it with a soft, dry cloth. Do not use liquid or aerosol cleaners, as they may damage the device.

6. Troubleshooting

6.1 No Power

- Ensure the power adapter is securely connected to both the switch and a working power outlet.
- Verify that the power outlet is functional.

6.2 No Link/Connection

- Check that Ethernet cables are securely connected to both the switch and the network device.
- Ensure the connected device is powered on and functioning correctly.

- Try using a different Ethernet cable to rule out cable issues.
- Verify that the LED indicator for the connected port is lit, indicating an active link.

6.3 Slow Network Speed

- Ensure all connected devices and cables support 2.5Gbps or 10Gbps speeds to achieve maximum performance.
- Check the LED indicators to confirm the actual connection speed (Green for 2.5Gbps, Yellow for 1Gbps or lower).
- Consider using Link Aggregation mode for compatible NAS devices to increase bandwidth.

6.4 Surge Protection

The switch is equipped with 4KV surge protection to protect your network devices from lightning strikes and power surges. In case of a power event, ensure all devices are properly grounded and check for any damage.



Figure 6.1: An illustration depicting the 4KV surge protection feature, safeguarding connected devices from lightning strikes and power fluctuations.

7. Specifications

Brand	UGREEN
Model Number	35048JP
Port Count	6 (5x 2.5Gbps RJ45, 1x 10Gbps SFP+)

Data Transfer Rate	2.5 Gigabits per second (RJ45), 10 Gigabits per second (SFP+)
Interface	RJ45, SFP+
Compatible Devices	Game Consoles, Laptops, Routers, PCs, NAS, Smart TVs, Network Cameras
Voltage	5 Volts (DC)
Rated Current	1 Ampere
Operating Temperature	Up to 40 °C
Material	Metal Casing
Dimensions (L x W x H)	16 x 10.5 x 2.8 cm
Weight	520 grams
Origin	China

8. Warranty and Support

UGREEN is committed to providing high-quality products and excellent customer service.

8.1 Product Warranty

This UGREEN product comes with a **24-month manufacturer's warranty** from the date of purchase. The warranty covers natural failures that occur under normal use, such as product malfunction, charging issues, or connection problems.

8.2 Customer Support

For any inquiries or assistance regarding your UGREEN product, please contact our dedicated customer support team. We offer prompt support to ensure your satisfaction.

- **Expert Support:** Our knowledgeable staff are ready to assist you.
- **Quick Response:** We aim to respond to all inquiries within 24 hours.
- **Reliable Service:** We are dedicated to providing trustworthy support.



Figure 8.1: UGREEN offers a 24-month product warranty and dedicated customer support for assistance.

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

Open the live page

https://manuals.plus/asin/B0G5L73H17

More documents and user manuals: **https://manuals.plus/**