

XikeStor 8x 2.5G|2x SFP+|PnP

XikeStor 10-Port 2.5G Unmanaged Ethernet Switch User Manual

Model: 8x 2.5G|2x SFP+|PnP

INTRODUCTION

This manual provides essential instructions for the installation, operation, maintenance, and troubleshooting of your XikeStor 10-Port 2.5G Unmanaged Ethernet Switch. Please read this manual thoroughly before using the device to ensure proper setup and optimal performance. Keep this manual for future reference.

PRODUCT OVERVIEW

The XikeStor 10-Port 2.5G Unmanaged Ethernet Switch is designed to provide high-speed network connectivity for various environments, including home networks, small offices, and dorms. It features a robust metal housing and a fanless design for silent operation.

Key Features:

- **High-Speed Ports:** Equipped with 8x 2.5G RJ45 ports (auto-negotiation for 100M/1G/2.5G) and 2x 10G SFP+ fiber ports (compatible with 1G/2.5G/10G modules, DACs, and AOC cables).
- **Unmanaged Plug-and-Play:** Requires no configuration; simply connect your devices.
- **Silent Operation:** Fanless design and full-metal housing ensure quiet and cool performance.
- **Versatile Compatibility:** Supports 100M/1G/2.5G devices for various network setups.
- **Robust Design:** Metal chassis engineered for durability and advanced thermal management.

10-Port 2.5G Unmanaged Network Switch

XikeStor

- 8x 2.5G RJ45
- 2x 10G SFP+
- Plug&Play, Fanless Design

Model:SKS1200-8E2X

Image: Front view of the XikeStor switch highlighting its 8x 2.5G RJ45 ports, 2x 10G SFP+ ports, 80Gbps switching capacity, and 59.52Mpps packet forwarding rate.

Ports & Performance

- 10GbE SFP+ Port x2**
Supports multi-type optical modules (DAC/AOC cables) with 1G/2.5G/10G compatibility
- 2.5GbE RJ45 Port x8**
Cat5e or higher-grade Ethernet cables recommended for maximum 2.5Gbps speeds
- 80Gbps**
Switching Capacity
- 59.52Mpps**
Packet Forwarding Rate



Image: Diagram illustrating the key advantages of the XikeStor switch, including its metal chassis, advanced thermal design with side ventilation, and lightning protection grounding.

SETUP

1. Unboxing and Package Contents:

Carefully unpack the switch and verify that all components are present:

- XikeStor 10-Port 2.5G Unmanaged Ethernet Switch
- Power Adapter
- User Manual (this document)

2. Physical Placement:

The switch offers flexible mounting options:

- **Desktop Placement:** Place the switch on a flat, stable surface. Non-slip rubber feet are included for stability.
- **Wall Mounting:** Use the integrated wall mounting holes (14.7cm spacing) to secure the switch to a wall.

- **Rack Mount:** The switch is 19-inch rack mountable. A rack mounting kit is not included in the package and must be acquired separately.



Image: Visual representation of the XikeStor switch's versatile mounting options, including desktop placement with rubber feet, wall mounting, and rack mounting (kit sold separately).

3. Connecting Power:

1. Connect the provided power adapter to the DC-IN port on the switch.
2. Plug the power adapter into a standard electrical outlet.
3. The power LED indicator on the switch will illuminate, indicating that the device is receiving power.

4. Connecting Network Devices:

Connect your network devices (e.g., computers, NAS, WiFi 6 APs, gaming consoles) to the switch using appropriate cables.

- **RJ45 Ports (2.5G):** Use Cat5e or higher-grade Ethernet cables for optimal 2.5Gbps speeds. Connect one end of the Ethernet cable to your device and the other end to any of the 8 RJ45 ports on the switch.
- **SFP+ Ports (10G):** For 10G fiber connections, insert compatible 1G/2.5G/10G SFP+ optical modules, DACs (Direct Attach Cables), or AOC (Active Optical Cables) into the 2 SFP+ slots. Connect the fiber cable to your SFP+ module and the other end to your fiber-enabled device.

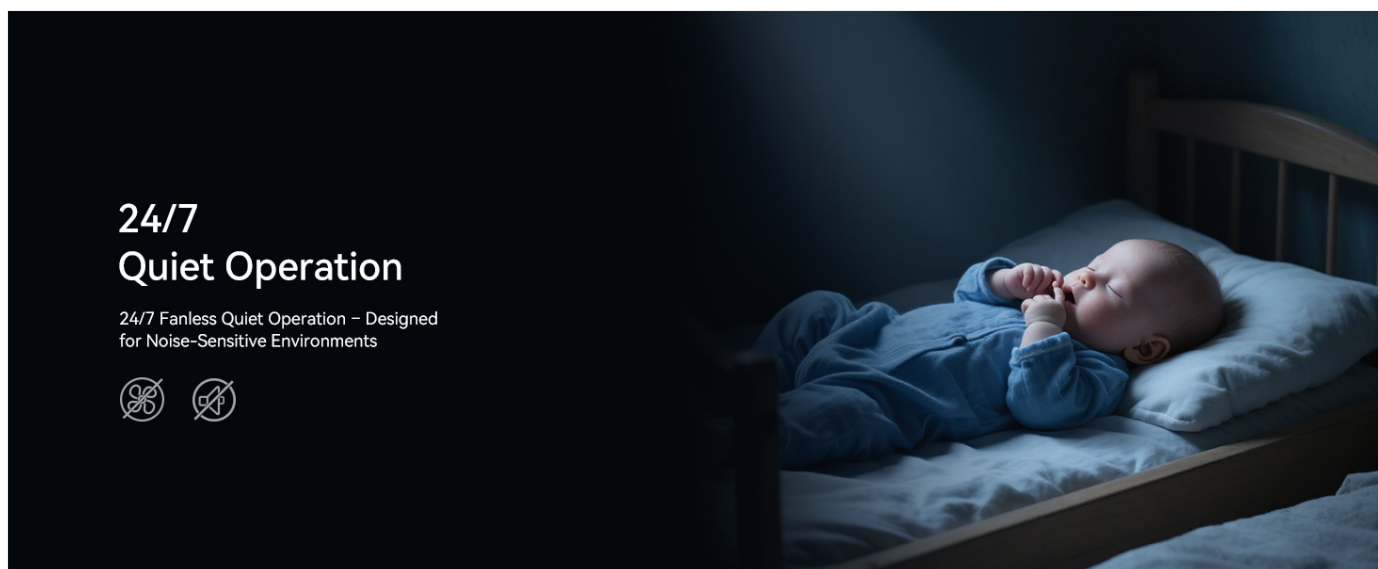


Image: The XikeStor switch with Ethernet cables connected to its RJ45 ports, demonstrating its plug-and-play, zero-configuration

requirement.

OPERATING INSTRUCTIONS

The XikeStor 10-Port 2.5G Unmanaged Ethernet Switch is designed for simple, plug-and-play operation. No software installation or complex configuration is required.

1. **Power On:** Once the power adapter is connected and plugged in, the switch will automatically power on.
2. **LED Indicators:** Observe the LED indicators on the front panel for status information. Typically, a solid green or amber light indicates a successful link and activity on the respective port. Refer to the product's specific LED guide (if available on the device itself) for detailed meanings.
3. **Automatic Negotiation:** The RJ45 ports automatically detect the speed (100M/1G/2.5G) and duplex mode of the connected device.
4. **Data Transmission:** Data transmission begins automatically once devices are connected and powered on.



Image: Diagram illustrating an efficient 2.5G/10G LAN setup, showing the XikeStor switch connecting routers, PCs, laptops, NAS, and other network devices for high-speed connectivity.

MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your switch.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners. Ensure the device is powered off before cleaning.
- **Ventilation:** Ensure that the ventilation holes on the sides of the switch are not obstructed to allow for proper heat dissipation.
- **Environmental Conditions:** Operate the switch within its specified temperature range (up to 40 degrees Celsius) and in a dry environment to prevent damage.
- **Cable Management:** Keep network cables organized and free from kinks or excessive bends to prevent signal degradation.



Image: A baby sleeping peacefully, illustrating the 24/7 fanless quiet operation of the XikeStor switch, making it ideal for noise-sensitive environments.

TROUBLESHOOTING

If you encounter issues with your XikeStor switch, refer to the following common troubleshooting steps:

- **No Power:**
 - Ensure the power adapter is securely connected to the switch and a working electrical outlet.
 - Verify the power outlet is functional by plugging in another device.
- **No Link/Connectivity:**
 - Check that Ethernet cables are securely plugged into both the switch and the connected device.
 - Ensure the connected device is powered on and its network adapter is enabled.
 - Try using a different Ethernet cable to rule out cable issues.
 - If using SFP+ ports, ensure the SFP+ module and fiber cable are correctly installed and compatible.
 - Restart the connected device and the switch.
- **Slow Network Speed:**
 - Ensure you are using Cat5e or higher-grade Ethernet cables for 2.5G connections.
 - Verify that your connected devices (e.g., network cards, NAS) support 2.5G or 10G speeds.
 - Check for excessive network traffic or bottlenecks elsewhere in your network.
- **Intermittent Connection:**
 - Inspect cables for damage.
 - Ensure the switch is placed in a well-ventilated area and not overheating.
 - Check for sources of electromagnetic interference.

SPECIFICATIONS

Feature	Specification
Model Number	8x 2.5G 2x SFP+ PnP
Number of Ports	10 (8x 2.5G RJ45, 2x 10G SFP+)
RJ45 Interface Type	RJ45 (Auto-negotiation 100M/1G/2.5G)
SFP+ Interface Type	SFP+ (Compatible with 1G/2.5G/10G modules, DACs, AOC cables)
Data Transfer Rate	2.5 Gigabits Per Second (per RJ45 port), 10 Gigabits Per Second (per SFP+ port)
Switching Capacity	80Gbps
Packet Forwarding Rate	59.52Mpps
Case Material	Metal
Color	Silver
Product Dimensions (L x W x H)	8.15" x 5.35" x 1.38"
Item Weight	2.2 pounds

Feature	Specification
Upper Temperature Rating	40 Degrees Celsius
Included Components	Power Adapter, User Manual
Compatible Devices	Camera, Desktop, Gaming Console, NAS, Printer
UPC	640486884987

WARRANTY INFORMATION

Specific warranty details for this product are not provided in the available information. Please refer to the product packaging or the manufacturer's official website for the most current warranty policy and registration procedures.

SUPPORT

For technical assistance or further inquiries, please visit the XikeStor official website or contact their customer support channels. Contact information is typically available on the product packaging or the manufacturer's website.

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

