Manuals+ — User Manuals Simplified.

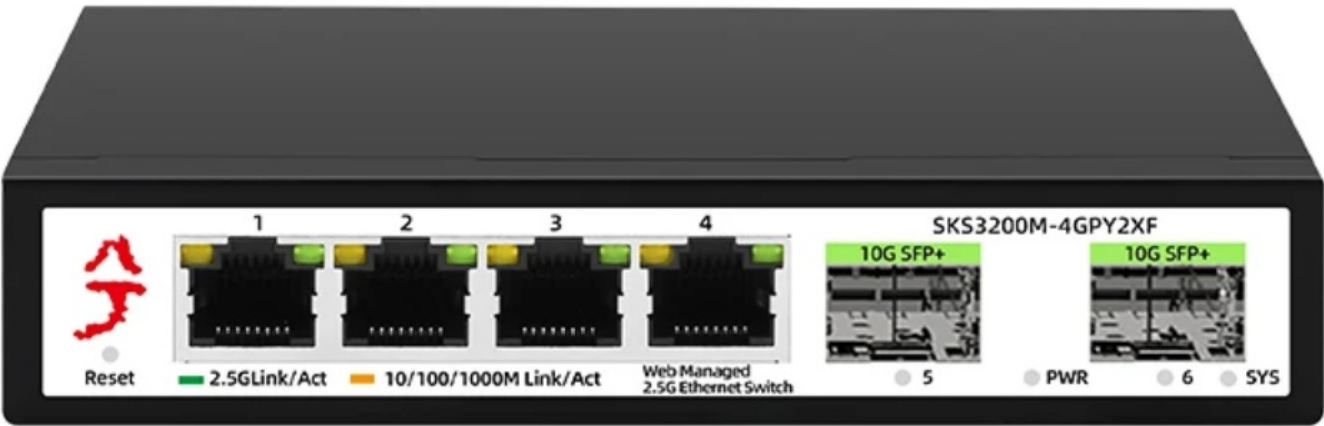# XikeStor SKS3200M-4GPY2XF Simple Managed Switch Instructions

Contents

XikeStor SKS3200M-4GPY2XF Simple Managed Switch

Product Information

Specifications

- **Product Name:** SKS3200M-4GPY2XF managed network switch
- **Standard:** IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3z, IEEE 802.3ae
- **Network Media:**
    - 10 MB: Cat 3,4,5 UTP (250m)
    - 100 MB: Cat5 or Later UTP (150 m)
    - 1000 Megabit: Cat6 or Later UTP (150 m)
    - 2500 MB: Cat6 or Later UTP (100 m)
    - SFP: Support 100M/1G/2.5G/10G single-mode multi-mode optical module, maximum distance 120km (depending on the optical module)
- Transmission Mode: store-and-forward
- MAC Address Table: 4K
- Switching Capacity: 60Gbps
- Jumbo Frame: 12Kbyte
- Packet Forwarding Rate: 44.64Mpps
- Dimensions (L * W * H): 140(L) x 93(W) x 28(H)mm
- Power Input: DC12V 2A
- Operating Temperature: 10%~90% non-condensing
- Storage Temperature: 5% to 95% non-condensing
- Working Humidity: 10%~90% non-condensing
- Storage Humidity: 5% to 95% non-condensing

Product Usage Instructions

Chapter 1: Product Appearance Description

Front Panel
The front panel consists of four 100/1000/2500Mbps adaptive RJ45 ports, two 10Gbps SFP+ ports, and related indicators.

Figure 1-1: Front panel of the switch

Front panel of the switch

LED Indicator
The LED indicator of the switch provides information about the working and running status of the switch. The following table describes the different indicators:

Indicator	Color	Description
PWR	Green	Off: The switch is powered off Steady on: The switch is powered on
10M, 100M, 1000M	Green	Left orange right green Off: The network is disconnected Blinking slowly: The 10/100/1000 MBPS network device is connected Quick blinking: Data is being transferred
2.5G	Green	Off: The network is disconnected Blinking slowly: A 2.5G network device is connected Quick blinking: Data is being transferred
SFP+ 2.5G 10G	Green	Off: The network is disconnected Blinking slowly: A 10 Gbit/s /2.5 Gbit/s network device is connected Quick blinking: Data is being transferred

Rear Panel
The rear panel of the switch includes a DC power socket and a lightning protection terminal.

Figure 1-2: Rear panel of the switch

Rear panel of the switch

Chapter 2: Product Setup
To set up the SKS3200M-4GPY2XF Simple Managed Switch, follow these steps:

1. Carefully open the packaging box.
2. Check if the following accessories are included:
   - SKS3200M-4GPY2XF Switch x1
   - User Manual x1
   - Certificate x1
   - Power cord x1
3. Connect the DC power socket of the switch to the AC power supply using the provided power cord.
4. Connect your network devices to the RJ45 ports or SFP+ ports on the front panel of the switch.
5. Monitor the LED indicators to ensure the switch is powered on and the network devices are connected properly.

FAQ

- **Q: What is the maximum distance supported by the SFP ports?**

  A: The SFP ports support a maximum distance of 120km, depending on the optical module used.
- **Q: How many RJ45 ports are there in the switch?**

  A: The switch has four 100/1000/2500Mbps adaptive RJ45 ports.

INSTRUCTIONS
SKS3200M-4GPY2XF Simple Managed Switch

This handbook is applicable to SKS3200M-4GPY2XF Simple L2 managed switch. If there is no special description in this document , SKS-3200M-4GPY2XF is used as an example.

PRODUCT DETAILS

SKS3200M-4GPY2XF switch is our self-developed simple management switch products, providing 4 10M/100M/1000M/2.5Gbps adaptive RJ45 ports and 2 1000M/2.5G/10Gbps SFP+ optical fiber module expansion slots, flexible expansion of your network. Each RJ45 port supports MDI/MDIX automatic flipping and line-speed forwarding. The store-and-forward technology ensures that the bandwidth is effectively allocated to each port, and is powerful and flexible enough to deploy wireless access points or IP-based network surveillance cameras for users. It is widely used in small and medium-sized enterprises, hotels and parks, network convergence, core and other application scenarios.

PACKAGE LIST
When using the switch for the first time, carefully open the packaging box, which should contain the following accessories:

- SKS3200M-4GPY2XF Switch x1
- User Manual x1
- Certificate x1
- Power cord x1

WARRANTY CARD

Product purchase date	
Serial number(SN)	
Dealer name	
User name	
Telephone	
Note:	

1. This product warranty card is the only proof of product warranty;
2. The product warranty regulations are subject to(Product warranty terms)
3. When purchasing this product ,the user must fill in the warranty card in detail, so as to check whether the serial number ,product trademark and model of the main body are consistent in the future maintenance.

- **AnHui Seeker Electronics Technology Co.Ltd**
- **Address:** Room 501-502, North Tower, Baili Center, No. 888, Qianshan Road, Hefei, Anhui, China
- **Official website: www.seekswan.com**
- **After-sales hotline:** 400-8570075

TECHNICAL SPECIFICATION

- **Product Name** SKS3200M-4GPY2XF managed network switch
- **Standard**
    - IEEE 802.3
    - IEEE 802.3u
    - IEEE 802.3x
    - IEEE 802.3ab
    - IEEE 802.3bz
    - IEEE 802.3z
    - IEEE 802.3ae
- **Network Media**
    - **10 MB:** Cat 3,4,5 UTP(≤250m)
    - **100 MB:** Cat5 or Later UTP (150 m)
    - **1000 Megabit:** Cat6 or Later UTP (150 m)
    - **2500 MB:** Cat6 or Later UTP (100 m)
    - **SFP:** Support 100M/1G/2.5G/10G single-mode multi-mode optical module, maximum distance ≤120km (depending on the optical module)
- **Transmission Mode** store-and-forward
- **MAC Address** Table 4K
- **Switching Capacity** 60Gbps
- **Jumbo Frame** 12Kbyte
- **Packet Forwarding** Rate 44.64Mpps
- **Dimensions** (L * W * H) 140(L)x93(W)x28(H)mm
- **Power Input** DC12V 2A
- **Operating Temperature** -10°C~50°C
- **Storage Temperature** -40°C to 70°C
- **Working Humidity** 10%~90% non-condensing
- **Storage Humidity** 5% to 95% non-condensing

Chapter 1 Product appearance description

front panel

The front panel consists of four 100/1000/2500Mbps adaptive RJ45 ports, two 10Gbps SFP+ ports and related indicators, as shown below:
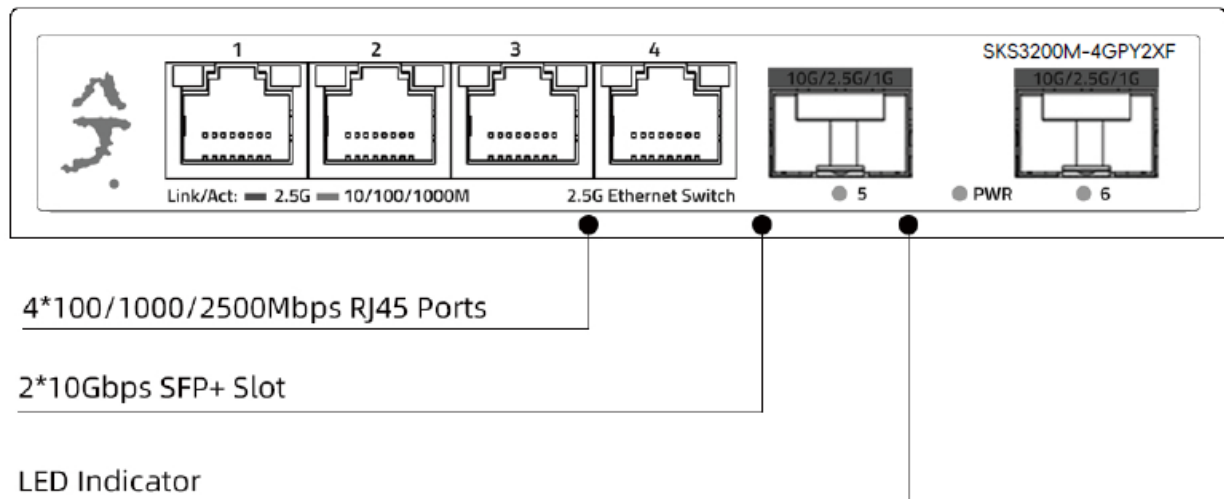

Figure 1-1 Front panel of the switch

Port Description:

- **100/1000/2500Mbps adaptive RJ45 port**

  Support 100 Mbps, 1000 Mbps, 2500 Mbps rate adaptive function, support Auto-MDI/MDIX function, and each port has a corresponding to the two lights, namely the 1 to 4 ports as shown on above panel light.

- **10Gbps SFP+**

  The SFP+ port is an independent 10G optical module slot on the right side of the panel. It uses 10G/2.5G/1G optical modules and supports SR/LR/LRM/ER/ZR, and has a 10Gbps indicator on the right side of the port, that is, port 5-6 indicators shown in the panel above.

LED Indicator

The LED indicator of the switch is shown in the following table. Users can easily and quickly monitor the working and running status of the switch through the following indicators:

Indicator	Color	Description
PWR	**Green**	• **Off:** The switch is powered off • **Steady on:** The switch is powered on
10M **100M** **1000M**	**Green**	• **Off:** The network is disconnected • **Blinking slowly:** The 10/100/1000 MBPS network device is connected • **Quick blinking:** Data is being transferred
2.5G	**Left orange rig ht green**	• **Off:** The network is disconnected • **Blinking slowly:** A 2.5G network device is connected • **Quick blinking:** Data is being transferred
SFP+ 2.5G 10G	**Green**	• **Off:** The network is disconnected • **Blinking slowly:** A 10 Gbit/s /2.5 Gbit/s network device is connected • **Quick blinking:** Data is being transferred

Rear panel

Figure 1-2 rear panel of the switch

- **DC power interface**

  This is a DC power socket where the negative plug of the power cord is connected to the switch and the positive plug is connected to the AC power supply.

- **Lightning protection power port**

  It is located on the right side of the power port. Please ground with a wire to prevent lightning strikes.

Chapter 2 Installation Guide

The purpose of this section is to help you properly install and securely use the switch.

Installation notes
To avoid equipment damage and personal injury caused by improper use, follow the following precautions:

- The switching equipment room should be dry, ventilated, and free from corrosive gases and strong electromagnetic interference.

- The humidity in the switching equipment room must be less than 90%.Install related devices when conditions permit.
- The grounding of the switch shall follow the grounding requirements described in this manual and shall be individually and well grounded.
- The voltage of the switch shall be stable to prevent abnormal operation of the switch due to sudden change and fluctuation of the power supply voltage.
- Keep a proper distance between the switches and other devices, Do not stack switches with other devices.
- The connection cable between the switch and the distribution frame should be standardized and reasonable; The jumper of the distribution frame(box) should be concise and clear to prevent the phenomenon of parallel lines and double lines.
- In order to avoid the danger of electric shock, do not open the case without authorization; In case of failure, please contact professional repair.

Safety tips
Ensure that the PGND cable of the power socket is reliably grounded. Ensure that the switch has space for heat dissipation and ventilation. Do not place heavy objects on the switch.

Installation environment
Before installation, it is necessary to confirm that there is a suitable working environment, including power requirements, sufficient space. Ensure proximity to other devices to be connected and that other devices are in place.

Please confirm the following installation requirements:

- Ensure that the workbench is stable and well grounded.
- Check whether cables and connectors are available. Check whether cables are properly installed based on proper configuration requirements.
- **Environment requirements:** Operating temperature is -10℃ to 50℃;Relative humidity is 10% to 90%.
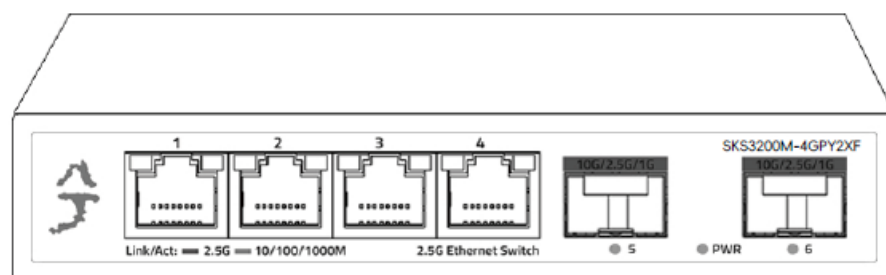
Installation mode

Figure 2-1 Desktop installation diagram

- **Desktop installation**

  Carefully place the switch directly on the workbench, making sure there is sufficient space around for heat dissipation.
- **Wall-mounted**

  Fix the hook (purchased by yourself) on the wall according to the distance between the connecting holes of the switch, place the bottom of the switch parallel to the wall on the hook, and ensure that the switch has enough

space for heat dissipation.

Starting a Switch

After the switch is powered on, the switch automatically initializes. If all port indicators are on and off, it indicates that the system is reset successfully and the power PWR indicator is always on.

Note: Before powering on the device, ensure that the voltage is correct; otherwise, the device will be damaged.

Documents / Resources

XikeStor SKS3200M-4GPY2XF Simple Managed Switch [pdf] Instructions
SKS3200M-4GPY2XF Simple Managed Switch, SKS3200M-4GPY2XF, Simple Managed Switch, Managed SwitchSwitch

References

- ⚡ **NAS, NAS - NAS**
- **User Manual**