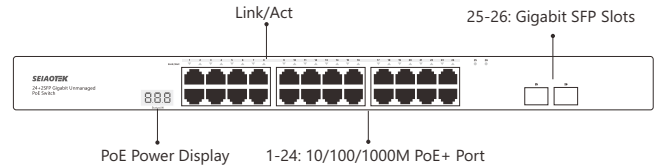# SEIAOTEK®

User Manual

24-Port Gigabit PoE+ Switch with 2 SFP Slots
(PoE Power Display Function)
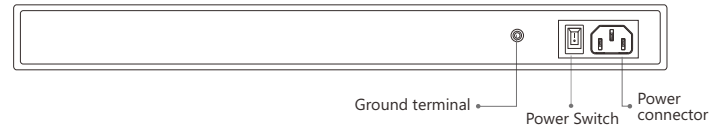
ST-G2402PS

Packing List

- PoE+ Switch
- User Manual
- Power Cable
- Bracket kits

■ Product description

Link/Act
25-26: Gigabit SFP Slots
PoE Power Display
1-24: 10/100/1000M PoE+ Port

Indicator light	Status	Description
PWR	ON	Switch power supply is normal
	OFF	The switch is not powered on or the power supply is abnormal
PoE Power Display	ON	Switch power supply is normal
	OFF	The switch is not powered on or the power supply is abnormal
1~26	ON	Port is connected
	Flashing	Port is transmitting data
	OFF	The port is not connected, or the connection is abnormal

Ground terminal
Power Switch
Power connector

Interface/button	Description		
PoE ports	1-24: 10/100/1000M PoE+ ports, supporting Auto-MDI/MDIX function.		
Uplink ports	25-26: Gigabit SFP Slots		
Status/W	Display Current Total PoE Power Consumption		
Ground terminal	Connect the protective ground wire to prevent lightning strikes.		
Power connector	Connect the power cable with the switch.		
DIP Button	Switch	Default Mode, switch all ports can communicate with each other.	
	VLAN	Enable Vlan, and the access ports isolated from each other and only can communicate with uplink port.	
	Extend	Switch to Extend, Port 1~16 rate down to 10M, the maximum transmission distance reach upto 250m.	

■ Device Installation

Installation Precautions

To avoid damage to the switch or personal injury caused by improper use, please follow up the below precautions:

1. During the installation procedure, wear an anti-static wristband, keep the switch powered off. Ensure that the input voltage under the input voltage range.
2. Ensure that the heat dissipation holes of the switch are well ventilated.
3. Do not disassemble the switch.
4. Do not supply power to the switch before cleaning it. Do not use any liquid to scrub the switch.
5. Keep the switch far away from power lines, lights, and power grids.

◯ Note

A tamper-evident seal is sealed on a mounting screw of the switch chassis. When the agent maintains the switch, the maintenance switch is required The seal remains intact. If the user needs to open the switch case, please obtain the permission of the local agent. Otherwise, due to all consequences caused by opening the cabinet will be borne by the user himself.
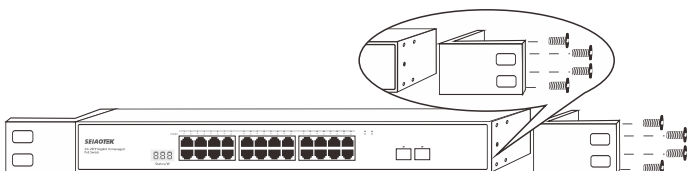
Prepare the installation tools

1. Static bracelet
2. Screw driver
3. Optional: flat-blade screw driver, needle-nose pliers, diagonal pliers
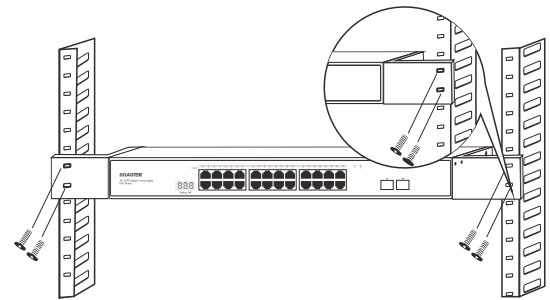
Install the switch into a 19-inch standard cabinet

Step 1: Check the grounding and stability of the rack-mountable.

Step 2: Use the screws to fix the two L-shaped brackets on both sides of the switch.
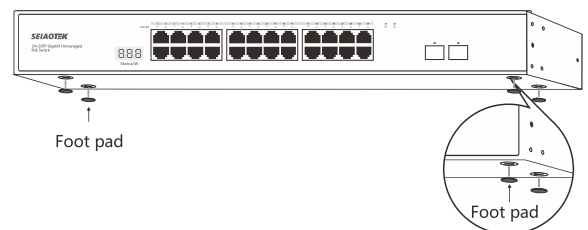

Step 3: Place the switch in a proper position in the rack, and fix the L-shaped brackets on the guide grooves at both ends of the rack with screws (if users required) to ensure that the switch is installed on the rack smoothly

Install the switch to the desktop

After sticking the foot pads on the four corners of the bottom surface of the switch, please place and keep the switch face up on the stable desktop.
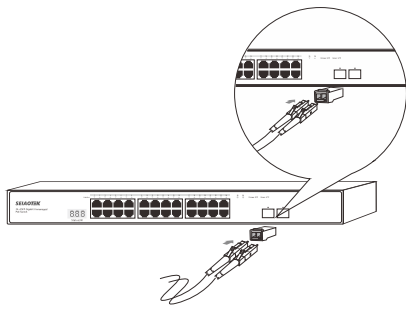
Foot pad

Foot pad

■ Hardware connection

Connect SFP Slots

Step 1: Grab the handle end of the optic fiber module, confirm that the handle of the optic fiber module facing upwards, and then insert the optical module into the 17~18 SFP Slots of the switch.

Step 2: After confirming the Rx and Tx ports on the optic fiber module, insert the two fiber connectors at one end of the fiber into the Rx and Tx ports of the optical module respectively, and then plug the two fiber connectors at the other end of the fiber into the opposite device. Tx and Rx ports.
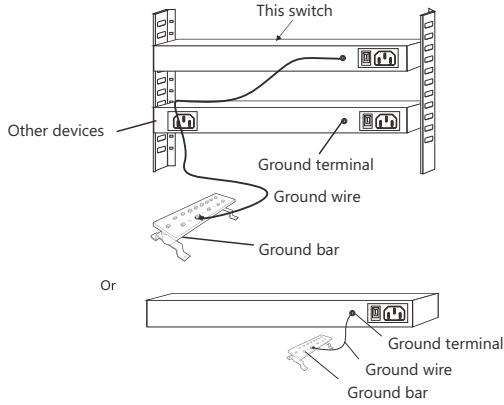
Connect Rj45 port

Connect one end of the network cable to the Rj45 port of the switch, and the other end to the Rj45 Ethernet port of the opposite network device.

Connect to the Switch

Step 1: Connect one end of the ground wire to the ground terminal of the switch.
Step 1: Connect the other end of the ground wire to other equipment that has been grounded or directly connect it to the ground bar of the equipment room engineering Terminal.

This switch
Other devices
Ground terminal
Ground wire
Ground bar
Or
Ground terminal
Ground wire
Ground bar

Note

The ground wire of the switch should be connected to the engineering ground of the equipment room. The grounding of the fire water pipe and the lightning rod of the building are not properly grounded.

■ Specifications

Name	24-port Gigabit PoE+ Switch with 2 SFP Slots (PoE Power Display Function)	
Model	ST-G2402PS	
Interface	PoE Ports	1~16: 10/100/1000M PoE+ Ports
	Uplink Ports	25~26: Gigabit SFP Slots
PoE Power	Max PoE Output (Channel)	30W
	PoE Power Budget	250W (450W Optional)
LED	PWR , Link / Act	
Processing Types	Store-and-forward	
	Half-duplex back pressure and IEEE802.3x full-drplex flow control	
Performance Specification	Bandwidth	52Gbps
	Packet Forwarding Rate	38.68Mpps
	MAC Address	8K
Network Standards	IEEE802.3i 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802.3ab 1000BASE-T, IEEE802.3z 1000BASE-LX, IEEE802.3x Flow Control, IEEE802.3az EEE, IEEE802.3af Power over Ethernet, IEEE802.3at Power over Ethernet	
Power Input	AC 100~240V 50~60Hz	
Dimension	440mm (L) x 220mm (W) x 44mm (H)	
Cables	UTP Cat 5 or above	
Environment Specification	Working Temperature: 0°C ~ 45°C, Humidity: 10% ~ 90% RH non-condensing	
	Storage Temperature: 20°C ~ 70°C, Humidity: 5% ~ 95% RH non-condensing	

■ Warranty Card

Model NO.	
Serial NO.	
Purchase Date	
RMA Number	
Return Reason	
Customer Name	
Customer Address	
Customer Email	

Note: Please refer to the User Manual for Detail Warranty policy