Lite Cloud Managed Switch

Quick Guide

V2.00

Preface

The content of this section is designed to ensure that users use the product correctly to prevent dangers or property loss caused by improper operation. Before using this product, be sure to read this manual carefully. Please keep this manual properly for future reference.

About This Manual

- We recommend that you use this manual under the guidance of a professional.
- This manual is designed for use with multiple product models, and it is not possible to list the appearance and functions of each product individually. Please refer to the actual product for use.
- This manual is intended for multiple software versions, and the illustrations and descriptions in this manual may be different from the actual GUI and functions of the software.
- Despite our best efforts, technical or typographical errors may exist in this manual. Uniview cannot be held responsible for any such errors and reserves the right to change the manual without prior notice.
- Users are fully responsible for the damages and losses that arise due to improper operation.
- Uniview reserves the right to change any information in this manual without any prior notice or indication. Due to such reasons as product version upgrade or regulatory requirement of relevant regions, this manual will be periodically updated.
- This manual will be updated in real time according to the laws and regulations of the relevant regions. For specific details, please refer to the product's paper copy, QR code, or official website. In case of any discrepancy between the paper copy and the electronic version, the electronic version shall prevail.

About This Product

If the product you have chosen is a video product, please strictly adhere to the applicable laws and regulations. You can visit our official website to inquire about the relevant content.

Instructions for Use

- This document serves as a guide for use only. All statements, information, and suggestions contained in this document do not constitute any express or implied warranty.
- We assume no responsibility for any special, incidental, consequential, or indirect damages resulting from the use of this manual or the use of our products, including but not limited to losses due to loss of business profits, data or document loss, and product malfunction or information leakage caused by cyber-attack, hacker attack, and virus infections.
- Due to uncertain factors such as the physical environment, there may be discrepancies between the actual values of some data and the reference values provided in the manual. In case of any questions or disputes, the company's final interpretation shall prevail.

Formatting Conventions

The UI formatting conventions used in this document are as follows:

Format	Meaning
Bold	Bold means UI elements (button names, menu names, window names, etc.), e.g., Click **Save**.
>	Indicate a sequence of actions, e.g., click Device Management > Add Device, which means first click Device Management, and then click Add Device.

Symbol Conventions

This document uses various distinctive symbols to highlight areas that require special attention during the operation process. The meanings of these symbols are as follows:

Symbol	Meaning
	NOTE: Provides tips and additional information related to the operation and use of the product.
	CAUTION: Alerts to matters that requires attention during operation, as improper handling may lead to product damage, data loss, or functional abnormalities.
	WARNING: The annotations following this symbol demand extra attention, as improper handling could potentially cause personal injury.

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EU Authorised Representative

UNV Technology EUROPE B.V. Treubstraat 1, 2288 EG, Rijswijk, The Netherlands.

If you have any feedback, please contact us at service@uniview.com.

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- The product described in this manual is provided on an "as is" basis. Unless required by applicable law, this manual is only for informational purpose, and all statements, information, and recommendations in this manual are presented without warranty of any kind, expressed or implied, including, but not limited to, merchantability, satisfaction with quality, fitness for a particular purpose, and noninfringement.
- Users must assume total responsibility and all risks for connecting the product to the Internet, including, but not limited to, network attack, hacking, and virus. Uniview strongly recommends that users take all necessary measures to enhance the protection of network, device, data and personal

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- To the extent allowed by applicable law, in no event shall Uniview's total liability to you for all damages for the product described in this manual (other than as may be required by applicable law in cases involving personal injury) exceed the amount of money that you have paid for the product.
- When using this product, please strictly adhere to the applicable laws and regulations to avoid infringing upon the rights of third parties, including but not limited to intellectual property rights, data rights, or other privacy rights. You must also not use this product for the purposes of developing or facilitating the use of weapons of mass destruction, biological or chemical weapons, nuclear weapons, or for any other purposes that violate international norms and regulations.

Privacy Protection Reminder

Uniview complies with appropriate privacy protection laws and is committed to protecting user privacy. You may want to read our full privacy policy at our website and get to know the ways we process your personal information. Please be aware, using the product described in this manual may involve the collection of personal information such as face, fingerprint, license plate number, email, phone number, GPS. Please abide by your local laws and regulations while using the product.

Safety Precautions

The device must be installed, serviced and maintained by a trained professional with necessary safety knowledge and skills. Before you start using the device, please read through this guide carefully and make sure all applicable requirements are met to avoid danger and loss of property.

Storage, Transportation, and Use

- Store or use the device in a proper environment that meets environmental requirements, including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.
- Make sure the device is securely installed or placed on a flat surface to prevent falling.
- Unless otherwise specified, do not stack devices.
- Ensure good ventilation in the operating environment. Do not cover the vents on the device. Allow adequate space for ventilation.
- Protect the device from liquid of any kind.
- Make sure the power supply provides a stable voltage that meets the power requirements of the device. Make sure the power supply's output power exceeds the total maximum power of all the connected devices.
- Verify that the device is properly installed before connecting it to power.
- Do not remove the seal from the device body without consulting Uniview first. Do not attempt to service the product yourself. Contact a trained professional for maintenance.
- Always disconnect the device from power before attempting to move the device.
- Take proper waterproof measures in accordance with requirements before using the device outdoors.

Power Requirements

- Install and use the device in strict accordance with your local electrical safety regulations.
- Use a UL certified power supply that meets LPS requirements if an adapter is used.
- Use the recommended cordset (power cord) in accordance with the specified ratings.

- Only use the power adapter supplied with your device.
- Use a mains socket outlet with a protective earthing (grounding) connection.
- Ground your device properly if the device is intended to be grounded.

Battery Safety

Please use batteries properly; otherwise, there is a risk of fire or explosion.

- Warning: Using incorrect battery models can lead to explosion.
- If you need to replace the battery, it is recommended that you go to an authorized service center or have it replaced under professional supervision. We shall not be held responsible for any issues arising from unauthorized battery replacement.
- When replacing the battery, be sure to use a battery of the same type as the original! Using the wrong model for replacement (such as certain types of lithium batteries) may cause safety protection to fail.
- Batteries must not be exposed to overheat environments such as sunlight, fire, as this may lead to fire, explosion, or combustion.
- Do not dispose of batteries in fire or heating appliances. Do not squeeze, bend, or cut batteries, as it may cause explosion.
- Do not expose batteries to extremely high or low temperatures, or to very low-pressure environments, as this may cause explosion or leakage of flammable liquid/gas.
- Dispose of the used battery according to your local regulations or the battery manufacturer's instructions.
- For products or the included remote control containing a button cell battery: Do not ingest the battery - chemical burn hazard! If swallowed, a button cell battery can cause severe internal burns within 2 hours and may be fatal. Precautions (including but not limited to):
  - Keep new and used batteries away from children.
  - Stop using the product and keep it away from children if the battery compartment is not securely closed.
  - If you suspect that a battery may have been swallowed or inserted inside any part of the body, seek immediate medical attention.

Network Security

Please take all necessary measures to enhance network security for your device.

The following are necessary measures for the network security of your device:

- Change default password and set strong password: You are strongly recommended to change the default password after your first login and set a strong password of at least nine characters including all three elements: digits, letters and special characters.
  - Do not include the account name or the reverse of the account name.
  - Avoid using consecutive characters, such as 123, abc, etc.
  - Do not use overlapping characters, such as 111, aaa, etc.
- Keep firmware up to date: It is recommended that your device is always upgraded to the latest version for the latest functions and better security. Visit Uniview's official website or contact your local dealer for the latest firmware.

The following are recommendations for enhancing network security of your device:

- Change password regularly: Change your device password on a regular basis and keep the password safe. Make sure only the authorized user can log in to the device.
- Enable HTTPS/SSL: Use SSL certificate to encrypt HTTP communications and ensure data security.
- Enable IP address filtering: Allow access only from the specified IP addresses.
- Minimum port mapping: Configure your router or firewall to open a minimum set of ports to the WAN and keep only the necessary port mappings. Never set the device as the DMZ host or configure a full cone NAT.
- Disable the automatic login and save password features: If multiple users have access to your computer, it is recommended that you disable these features to prevent unauthorized access.

- **Choose username and password discretely:** Avoid using the username and password of your social media, bank, email account, etc., as the username and password of your device, in case your social media, bank and email account information is leaked.
- **Restrict user permissions:** If more than one user needs access to your system, make sure each user is granted only the necessary permissions.
- **Disable UPnP:** When UPnP is enabled, the router will automatically map internal ports, and the system will automatically forward port data, which results in the risks of data leakage. Therefore, it is recommended to disable UPnP if HTTP and TCP port mapping have been enabled manually on your router.
- **Multicast:** Multicast is intended to transmit video to multiple devices. If you do not use this function, it is recommended you disable multicast on your network.
- **Check logs:** Check your device logs regularly to detect unauthorized access or abnormal operations.
- **Isolate video surveillance network:** Isolating your video surveillance network with other service networks helps prevent unauthorized access to devices in your security system from other service networks.
- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.

Learn More

You may also obtain security information under Security Response Center at Uniview's official website.

Avertissement de l'utilisation de la batterie

- Lorsque utiliser la batterie, évitez:
  - Température et pression d'air extrêmement élevées ou basses pendant l'utilisation, le stockage et le transport.
  - Remplacement de la batterie.
- Utilisez la batterie correctement. Mauvaise utilisation de la batterie comme celles mentionnées ici, peut entraîner des risques d'incendie, d'explosion ou de fuite liquide de gaz inflammables.
  - Remplacer la batterie par un type incorrect;
  - Disposer d'une batterie dans le feu ou un four chaud, écraser mécaniquement ou couper la batterie;
- Disposer la batterie utilisée conformément à vos règlements locaux ou aux instructions du fabricant de la batterie.

Regulatory Compliance

FCC Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Visit https://global.uniview.com/Support/Download_Center/Product_Installation/Declaration/ for SDoC.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LVD/EMC Directive

This product complies with the European Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

WEEE Directive–2012/19/EU



The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

Battery Regulation- (EU) 2023/1542



Battery in the product complies with the European Battery Regulation (EU) 2023/1542. For proper recycling, return the battery to your supplier or to a designated collection point.

1 Packing List

The package contents may vary with device model and version.

- 4-Port/8-Port Switch

No.	Name	Qty	Unit
1	Device	1	PCS
2	Power cable	1	PCS
3	Product documents	1	Set

- 16-Port/24-Port Switch

No.	Name	Qty	Unit
1	Device	1	PCS
2	Power cable	1	PCS
3	Foot pad	4	PCS
4	Mounting bracket	1	Set
5	Product documents	1	Set

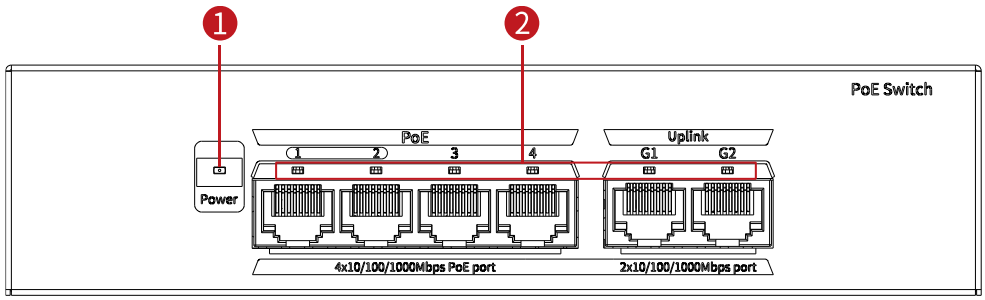
2 Product Appearance

The actual appearance may vary with device model.

2.1 Indicators

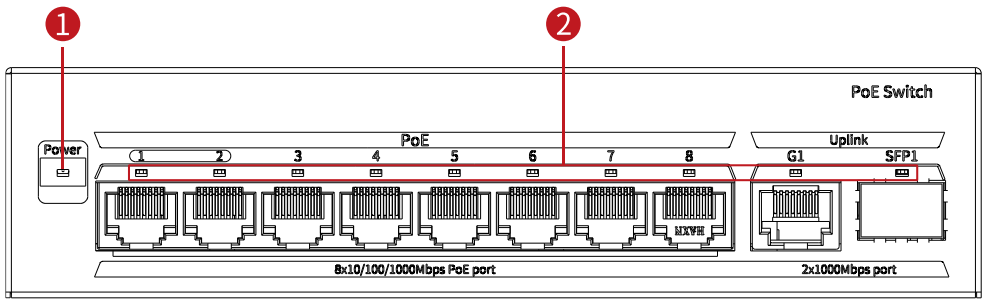
1 4-Port Switch

- 1000Mbps

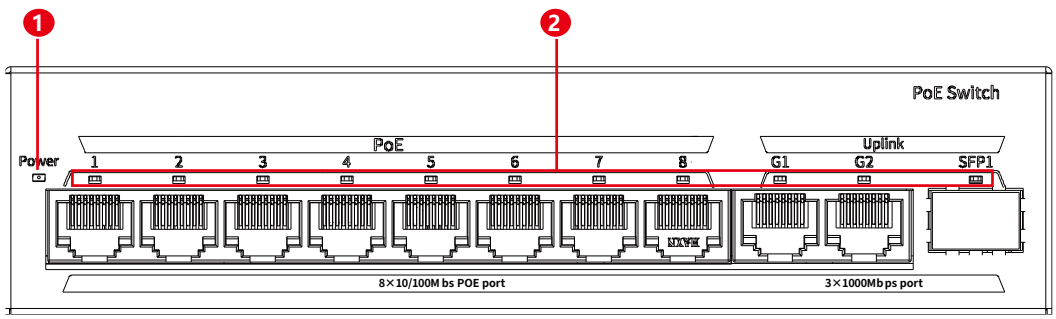


2 8-Port Switch

- 1000Mbps



- 100Mbps

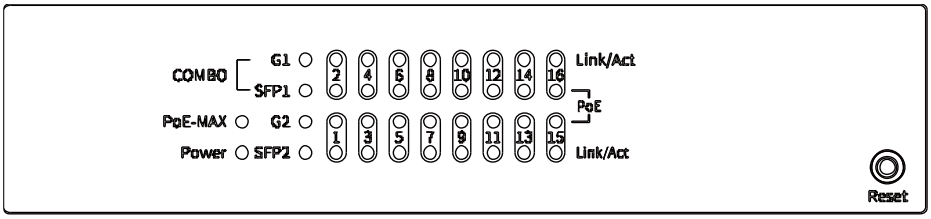


No.	Indicator	Description
1	POWER/PoE-MAX	Off: The device is disconnected from power.
		Steady green: The device is connected to power.
		Steady yellow: The total PoE output power exceeds 85% of the total power. Note:

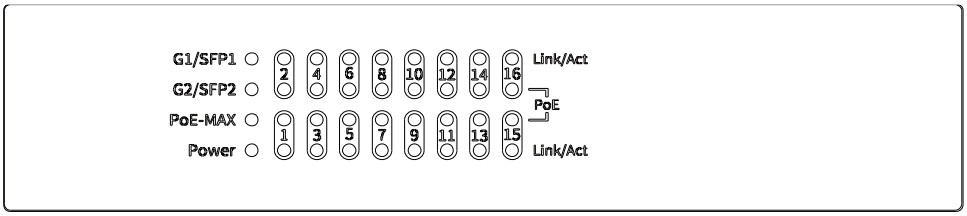
		When the LED turns yellow, the device activates overload protection and stops power output on ports in a high-to-low order to ensure power supply on priority ports.
2	Link/Act	Off: Disconnected from a network device.
		Steady green: Connected to a network device.
		Blinking green: Transmitting data.

3 16-Port Switch

- 1000Mbps
  - PoE Switch

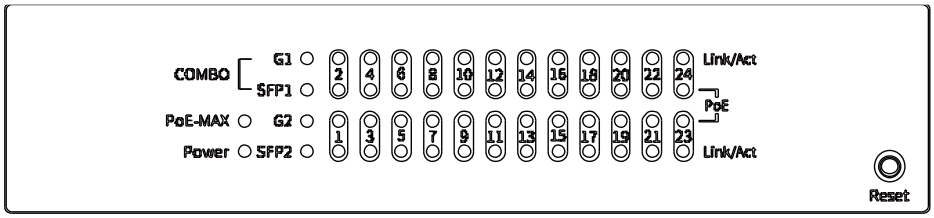


- 100Mbps
  - PoE Switch

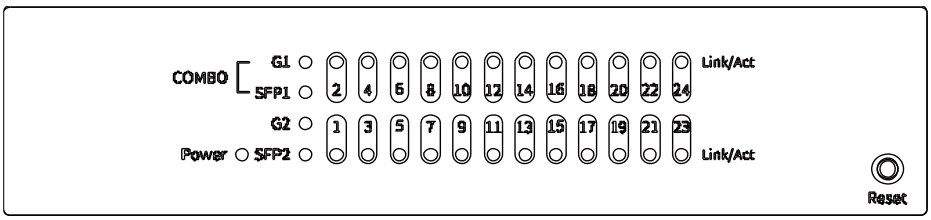


4 24-Port Switch

- 1000Mbps
  - PoE Switch

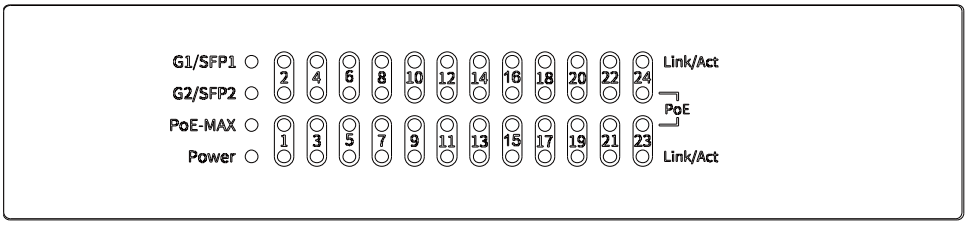


  - Non-PoE Switch



- 100Mbps

➢ PoE Switch



Indicator	Description
G1/SFP1/ G2/SFP2	Off: The port is disconnected from the network device.
	Steady green: The port is connected to the network device.
	Blinking green: The port is transmitting data.
PoE-MAX (only for PoE switch)	Off: The total PoE power is less than 80% of the total power of the device.
	Steady green: The total PoE power is higher than 85% of the total power of the device.
POWER	Off: The switch is powered off.
	Steady green: The switch is powered on normally.
PoE (only for PoE switch)	Off: The PoE port is not supplying power.
	Steady green: The PoE port is supplying power normally.
Link/Act	Off: The port is disconnected from the network device.
	Steady green: The port is connected to the network device.
	Blinking green: The port is transmitting data.

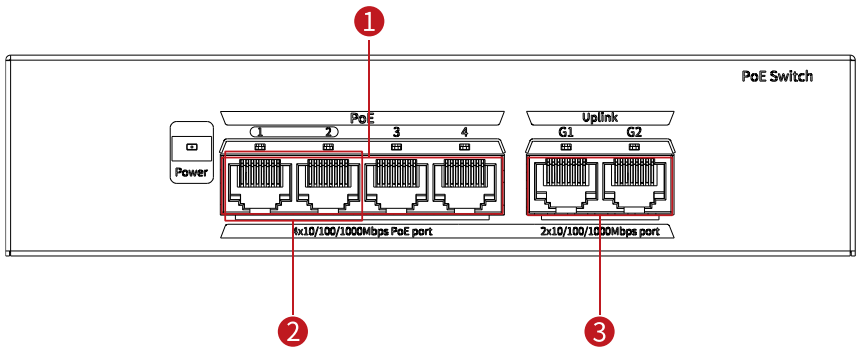
NOTE!

To reset the device to the factory default settings, press and hold the Reset button for over 10 seconds.

2.2 Interfaces

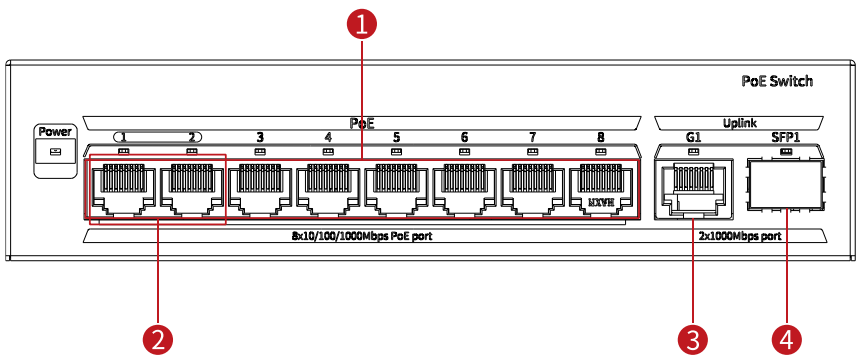
2.2.1 Front Panel

1 4-Port Switch

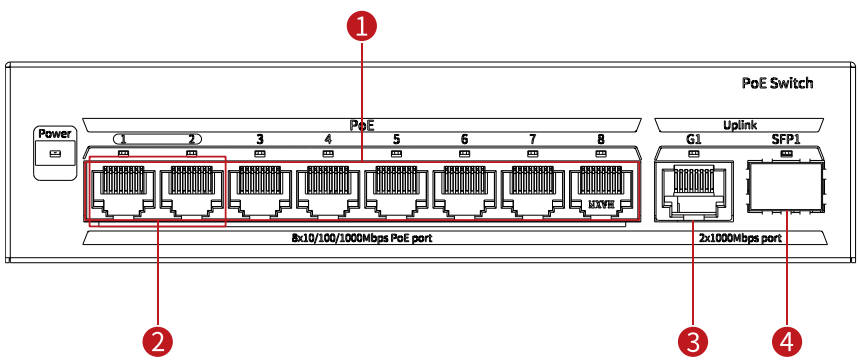


2 8-Port Switch

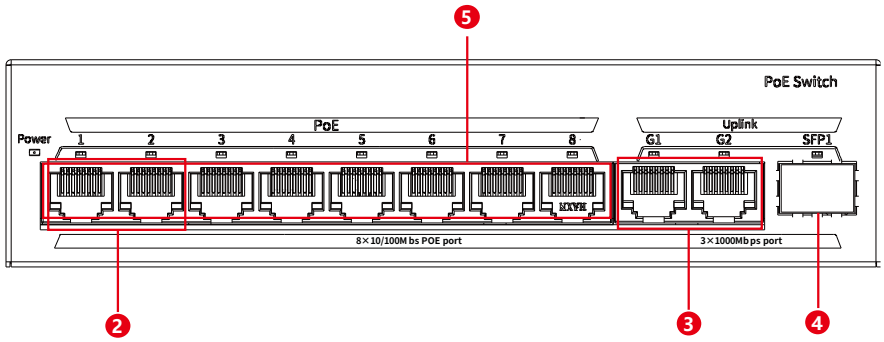
- 1000Mbps



- 100Mbps
  - Type A



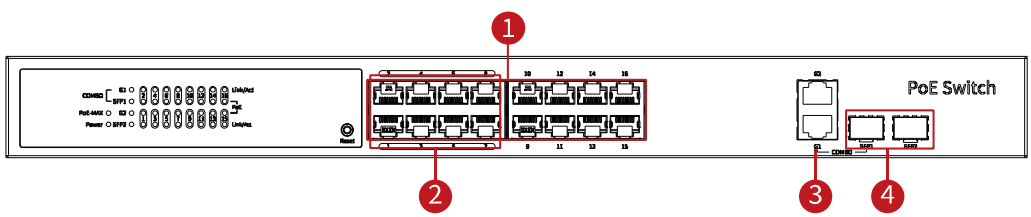
  - Type B



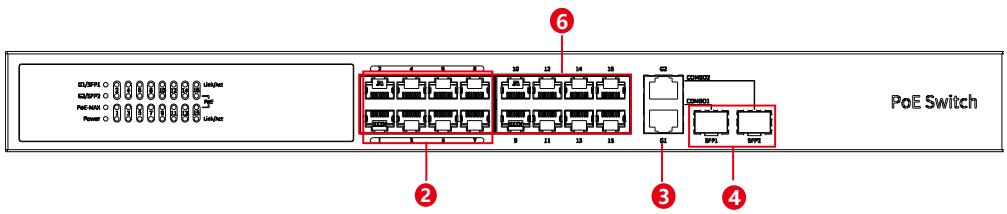
No.	Description
1	1000 Mbps PoE ports, supporting 1 Gbps data transmission. Used to transmit data and supply power through a single network cable.
2	Priority port. In the event of congestion or when PoE power reaches the limit, the device ensures traffic forwarding and power supply on the priority ports first.
3	1000Mbps Ethernet port.
4	Optical module interface (SFP).
5	100 Mbps PoE ports, supporting 100 Mbps data transmission. Used to transmit data and supply power through a single network cable.

3 16-Port Switch

- 1000Mbps
  - PoE Switch

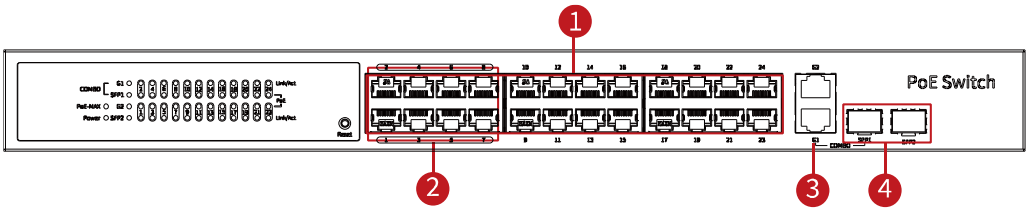


- 100Mbps
  - PoE Switch

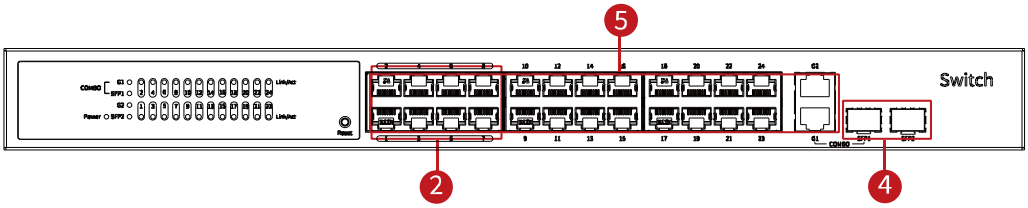


4 24-Port Switch

- 1000Mbps
  - PoE Switch

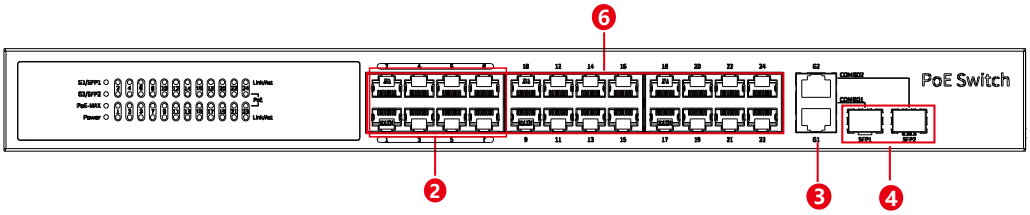


➢ Non-PoE Switch



- 100Mbps

➢ PoE Switch

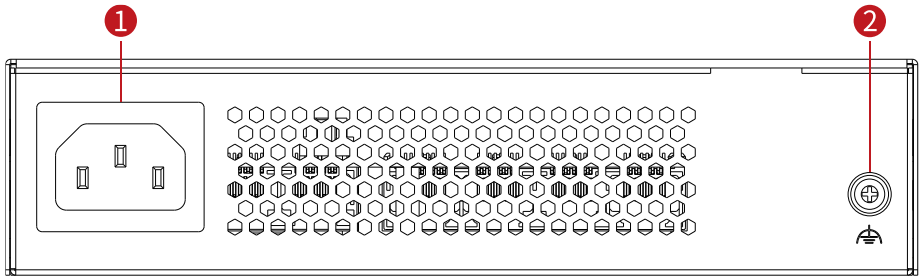


No.	Description
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2	Priority port. In the event of congestion or when PoE power reaches the limit, the device ensures traffic forwarding and power supply on the priority ports first.
3/5	1000Mbps Ethernet port.
4	Optical module interface (SFP).
6	100 Mbps PoE ports, supporting 100 Mbps data transmission. Used to transmit data and supply power through a single network cable.

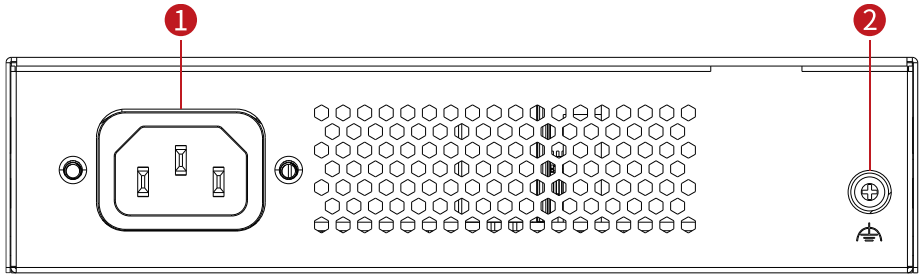
2.2.2 Rear Panel

- 4-Port/8Port Switch

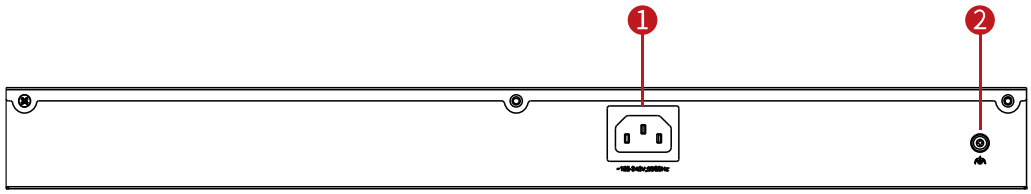
➢ Type A



➢ Type B

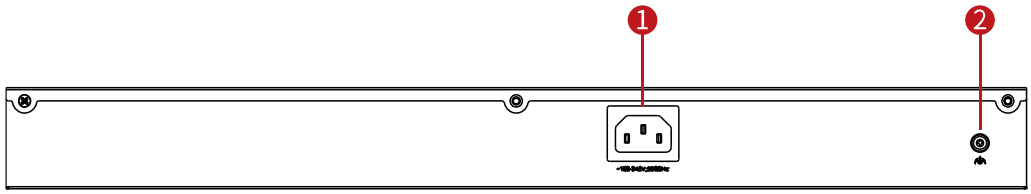


- 16-Port Switch

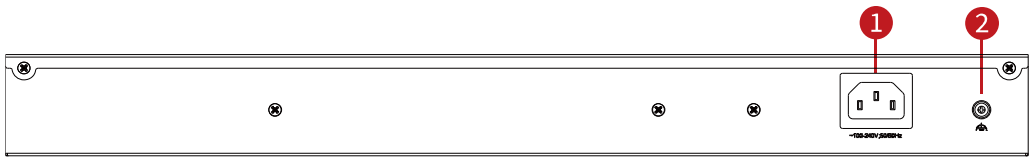


- 24-Port Switch

➢ Type A



➢ Type B



No.	Description
1	AC power interface, used to connect to an external power source.
2	Grounding terminal, used to ground the device to prevent electric shock and other electrical safety hazards.

3 Device Installation

The illustrations in this manual are for reference only.

3.1 Preparation

1 Check Device Components

Check against the packing list to ensure all components are complete.

2 Check Installation Tools

The following tools are required: ESD gloves, screwdriver, screws.

3 Check Installation Site

- The environment shall meet lightning protection requirements, with appropriate lightening protection devices if necessary.
- The device must be properly grounded through its grounding terminal.
- Allow enough space (more than 10cm) around the vents of the device for heat dissipation. Do not stack devices.
- Maintain a dry operating environment. Prevent liquid of any kind and moisture from entering the device.
- Maintain a clean operating environment. Avoid excessive dust accumulation, which may lead to electrostatic attraction, causing a shortened lifespan and communication failures.

CAUTION!

- Before cleaning, be sure to disconnect the device from power. Do not wipe the device with a wet cloth or use liquids.
- Make sure the operating voltage meets the requirements indicated on the device.
- To avoid the risk of electric shock, do not open the chassis. Seek professional assistance if necessary.

3.2 Installation

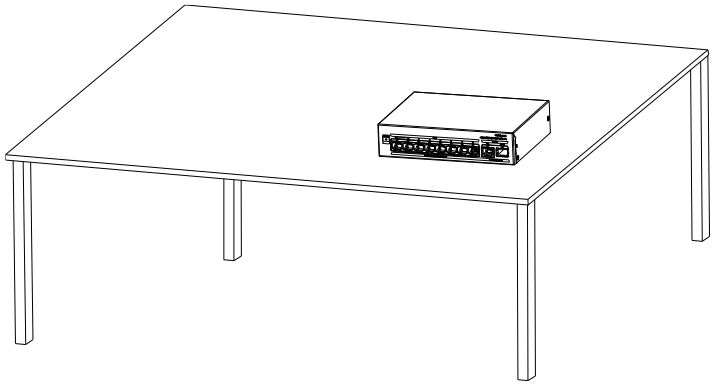
3.2.1 Workbench Mount (for 4/8/16/24-Port Switches)

You can simply place the device on a clean workbench that meets the following requirements:

- The workbench is firm enough to bear the weight of the device and cables.
- The workbench is stable and properly grounded.
- Do not stack devices or put anything on the device.

NOTE!

For 16-port and 24-port models, you may place the device directly on a workbench. For better stability, attach the four supplied foot pads to the recessed areas on the bottom of the switch, and then place it upright on the workbench.

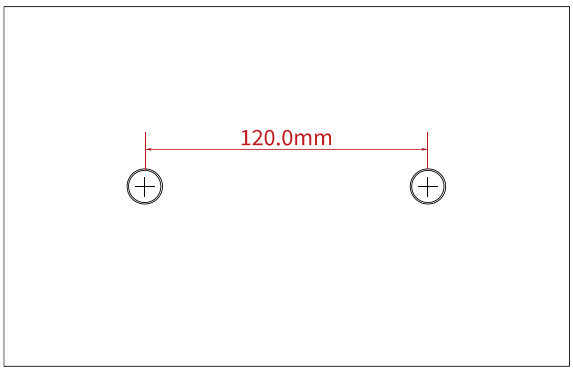


3.2.2 Wall Mount (for 4-Port/8-Port Switches)

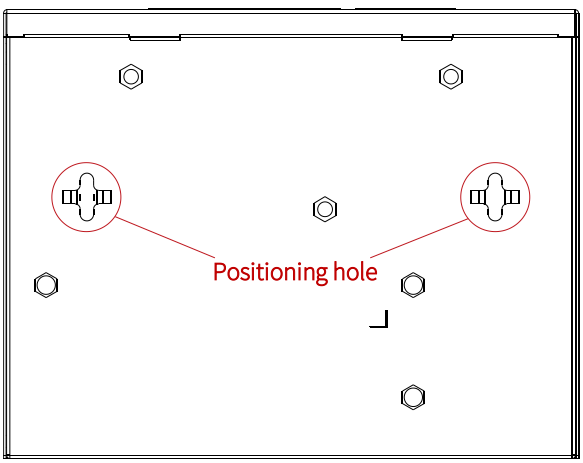
1. Leave sufficient space (at least 169mm long, 211mm/213mm wide) at the installation position.
2. Fix two screws according to the positioning holes at the bottom of the device (see the figure below). The screws are prepared by the user.

CAUTION!

Make sure the screws can securely support the weight of the device.

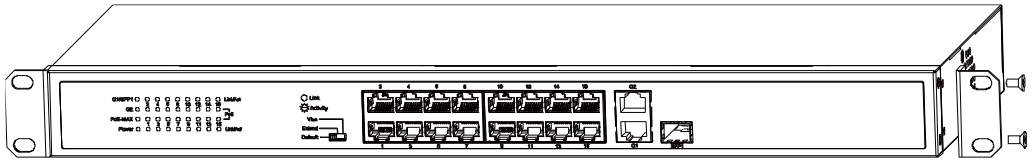


3. Align the two positioning holes and hang the device steadily on the two screws.

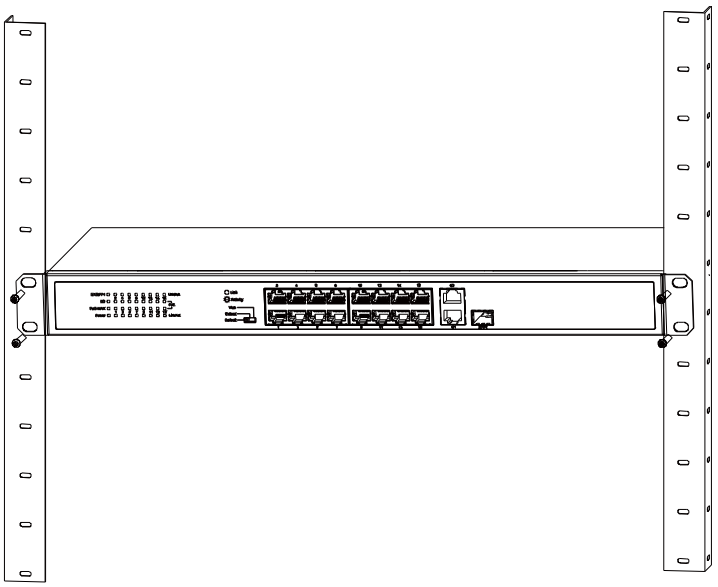


3.2.3 Rack Mount (for 16-Port /24-Port Switches)

1. Verify that the rack is stable and reliably grounded.
2. Secure the two mounting brackets to both sides of the device with four supplied screws.



3. Choose an appropriate location and secure the brackets to the rack with screws (user-supplied).



4 Cable Connection

4.1 Connect the Power Cable

Before connecting, ensure that the device is reliably grounded. Follow the steps to connect the power cable.

1. Ensure that the power cable meets the requirements specified on the device's power interface.
2. Connect one end of the power cable to the power interface on the device, and the other end to the AC power outlet.
3. Check the power indicator on the device. When the power indicator is on, it means the power is properly connected.

4.2 Connect the Network Cable

Connect one end of the network cable to an Ethernet port on the device, and the other end to the computer or network device.

5 Add Device to App

Scan the QR code below to download and install the app.

NOTE!

For detailed instructions, refer to the user manual of the app.

6 Device Management

Default IP address：	192.168.0.200	or	10.6.6.6
Default username/password：	admin/admin		admin/123456

Note:

For security, please set a strong password of at least nine characters including uppercase and lowercase letters, digits, and special characters after your first login. It is recommended to change the device password on a regular basis and keep it secure to ensure that only authorized users can access the device.