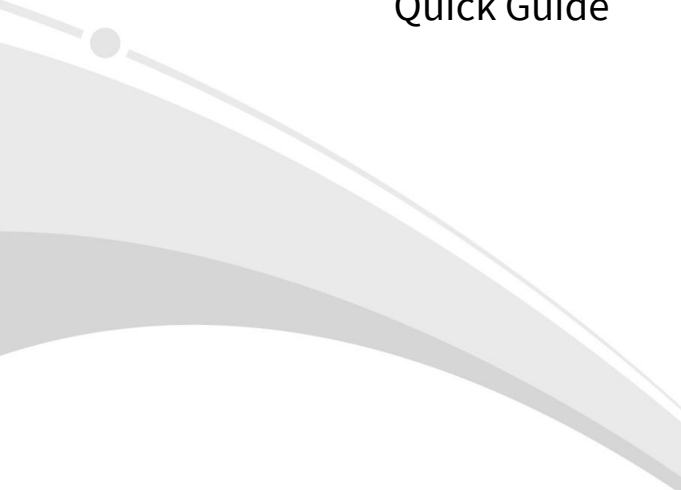




PoE Switch Quick Guide

V1.01

1 Packing List

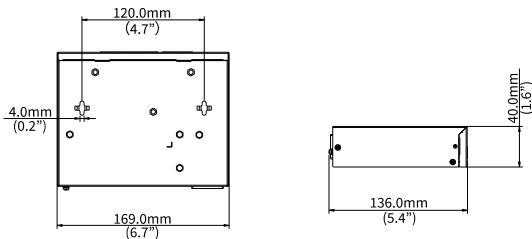
The package contents may vary with device model and version.

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

2 Product Appearance

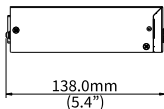
The actual appearance may vary with device model.

2.1 Dimensions



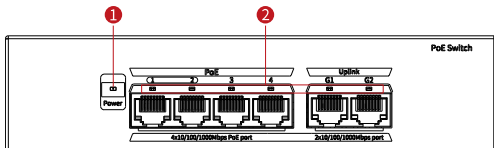
NOTE!

For models with an optical module interface, the depth is 138.0 mm.

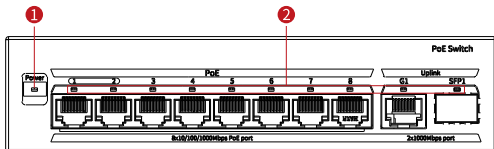


2.2 Indicators

Type A



Type B

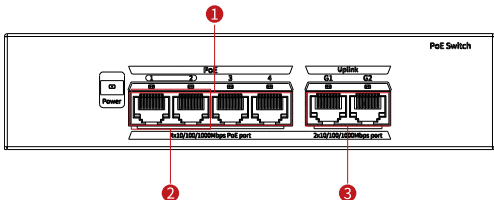


No.	Indicator	Description
1	POWER/PoE-MAX	Off: The device is not connected to power.
		Steady green: The device is connected to power.
		Steady yellow: The total PoE output power exceeds 85% of the total power. NOTE! When the LED turns yellow, the device activates overload protection and stops power output on ports in a high-to-low order to ensure power supply on priority ports.
2	Link/Act	Off: Not connected with a network device.
		Steady green: Connected with a network device.
		Blinking green: Transmitting data.

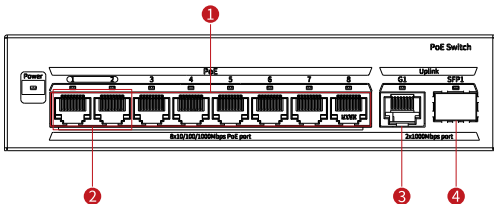
2.3 Interfaces

- Front panel

Type A



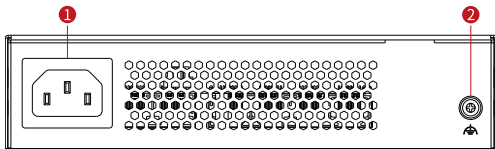
Type B



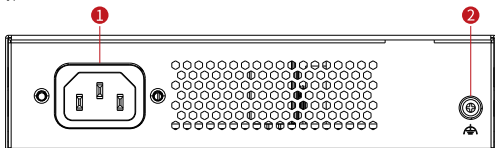
No.	Description
1	PoE ports, used to transmit data and supply power through a single network cable.
2	Priority port. In the event of congestion or when PoE power reaches the limit, the device ensures traffic forwarding and power supply on the priority ports first.
3	1000Mbps Ethernet port.
4	Optical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

- Rear panel

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 the installation site

- The environment shall meet lightning protection requirements, with appropriate lightning 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.

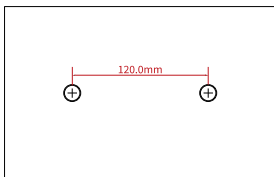
3.2 Installation

3.2.1 Wall Mount

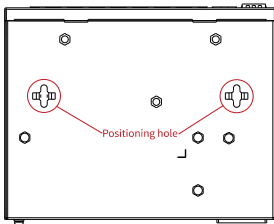
1. Leave sufficient space (at least 169mm long, 211mm/213mm wide) at the installation position.
2. Fix two screws according to the positioning holes at the bottom of the device (see the figure below). The screws are prepared by the user.

**CAUTION!**

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



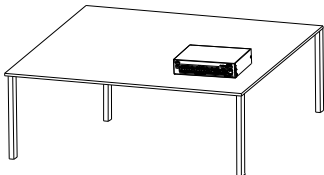
3. Align the two positioning holes and hang the device steadily on the two screws.



3.2.2 Workbench Installation

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.



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



NOTE!

- Due to reasons such as app updates and differences in mobile operating systems, the actual steps may differ from those in this manual. Please follow the instructions provided within the app.
- If the UNV-Link Pro app is already installed, please update it to the latest version for optimal use.

1 Download app

Search UNV-Link Pro in an app store to download and install the app.



2 Log in to the device

- For first time use, please follow the on-screen instructions to register an account and log in.
- If you already have an account, please log in directly.

3 Add device

Tap **Quick Create**, or tap  > **Scan QR Code**, and then scan the QR code on the device body to add the device. You may also enter the register code manually.



6 Device Management

Default IP address

192.168.0.200

Default

username/password

admin/admin

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.

Disclaimer and Safety Warnings

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- 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.
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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.
- **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.

Safety Warnings

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 Use Caution

- When battery is used, avoid:
 - Extremely high or low temperature and air pressure during use, storage and transportation.
 - Battery replacement.
- Use the battery properly. Improper use of the battery such as the following may cause risks of fire, explosion or leakage of flammable liquid or gas.
 - Replace battery with an incorrect type;
 - Dispose of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery;
- Dispose of the used battery according to your local regulations or the battery manufacturer's instructions.

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.