

# Cloud Managed PoE Switch

## Quick Guide



V1.02

# 1 Packing List

Contact your local dealer if the package is damaged or incomplete. The package contents may vary with device model.

No.	Name	Qty	Unit
1	Switch	1	PCS
2	Power cable	1	PCS
3*	Rubber foot	4	PCS
4*	Screw	4	PCS
5*	Mounting bracket	1	Pair
6	Product documents	1	PCS

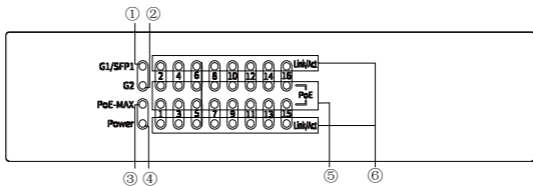
Remarks: \* means optional and supplied with certain models only.

# 2 Appearance

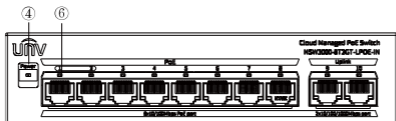
The appearance may vary with device model. The figures below are for illustrative purpose only.

## 2.1 Indicator

- 16/24-Port



- 8-Port



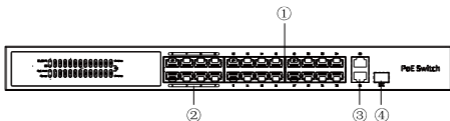
## Indicators

No.	Indicator	Color	Description
1	G1/SFP1	Green	Off: Not connected with a network device.
			Steady on: Connected with a network device.
			Blinking: Transmitting data.
2	G2	Green	Off: Not connected with a network device.
			Steady on: Connected with a network device.
			Blinking: Transmitting data.
3	PoE-MAX	Green/Yellow	Off: The total PoE output power is less than 80% of the total power of the device.
			Steady on: The total PoE output power is higher than 85% of the total power of the device.
4	POWER	Green	Off: The switch is disconnected from power.
			Steady on: The switch is powered on normally.
5	PoE	Green	Off: The PoE port is not supplying power.
			Steady on: The PoE port is supplying power normally.
6	Link/Act	Green	Off: Not connected with a network device.
			Steady on: Connected with a network device.
			Blinking: Transmitting data.

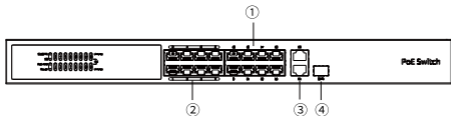
## 2.2 Port

### 2.2.1 Front Panel

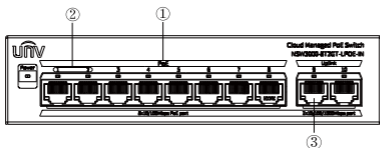
- 24-Port



- 16-Port



- 8-Port



#### Front Panel

1. PoE port	2. Priority port
3. 1000Mbps Ethernet port	4. Optical module slot
5. Power status indicator	6. Link/Act status indicator

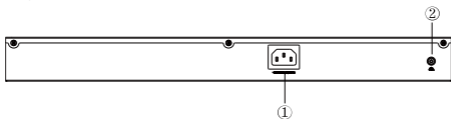


#### NOTE!

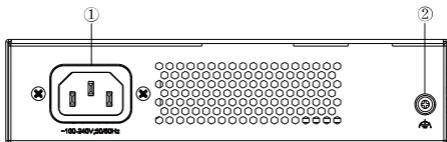
- Among PoE ports, the 16/24-port switch are priority ports.
- Priority port: When congestion occurs or PoE power reaches the limit, the device will prioritize these ports to ensure PoE power supply and data forwarding.

## 2.2.2 Rear Panel

- 16/24-Port



- 8-Port



Rear Panel

1. AC power interface	2. Grounding screw
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**NOTE!**

The number of screws on the rear panel and the location of the AC power interface are different between the 16-port switch and the 24-port switch. Please refer to the actual device.

## 3 Installation

### 3.1 Installation Preparations

#### 3.1.1 Environment Preparations

Install the device in a place with lightning protection measures.

- Make sure the cabinet or workbench is reliably grounded and is strong enough to hold the weight of the device and mount accessories.
- Make sure the cabinet or workbench has a good ventilation system.
- Allow enough space (more than 10cm) around the vents of the device for heat dissipation.
- Make sure the operating environment of the device is dry and prevent water and moisture from entering the device chassis.
- Make sure the operating environment of the device is clean. The dust around the device can be absorbed by static electricity, which may affect the lifetime of the device and result in communication failure.



#### CAUTION!

- Before cleaning, be sure to disconnect the device from power. Do not wipe the device with wet cloths or 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 yourself. Seek professional assistance if necessary.

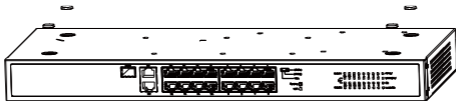
#### 3.1.2 Tool Preparations

- ESD gloves
- Screwdriver
- Screws

### 3.2 Device Installation

#### 3.2.1 Place the Device on a Workbench (For 16/24-port Switch)

1. Place the device with the bottom up on a large and stable workbench.
2. Remove the adhesive backed papers from the rubber feet and attach the rubber feet to the recessed areas on the bottom of the device.
3. Turn the device over and place it on the workbench.

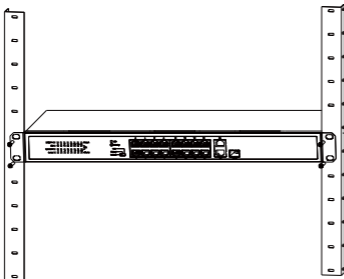


### 3.2.2 Mount the Device in a Rack (For 16/24-port Switch)

1. Verify that the rack is stable and reliably grounded.
2. Secure the mounting brackets to both sides of the device with 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. Make sure the power supply meets the requirements indicated on the device.
2. Connect one end of the power cable to the power connector of the device, and the other end to the AC power outlet.
3. Check if the power indicator is on. When the power indicator is on, it indicates that the power supply is connected correctly.

### 4.2 Connect the Network Cable

Connect one end of a network cable to one of the Ethernet ports of the device, and the other end to a computer or other network devices.

## 5 Add Device to App



### NOTE!

- The actual operations may be slightly different, please follow the instructions in the app.
- If you have installed the UNV-Link Pro app, please update the app to version 1.3.0 or later.

### 1 Download the App

Use your mobile phone to scan the QR code below or search UNV-Link Pro in app stores to download and install the app.



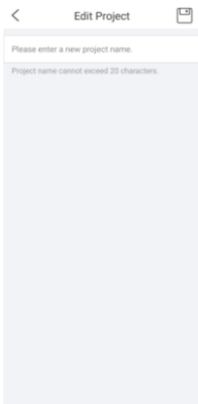
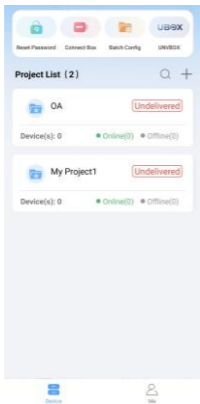
### 2 Register and Log in

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

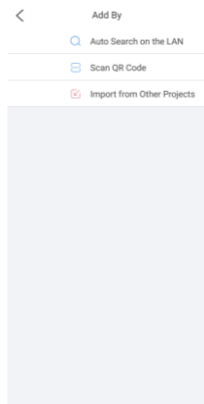
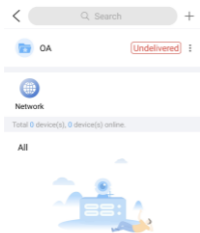
### 3 Add Device


1. Tap  in the upper right corner or **Add Project**. Enter the project name and tap  to save.

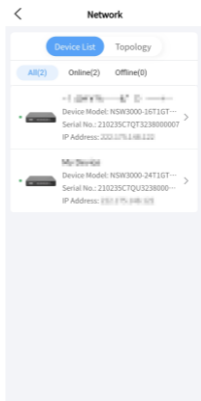
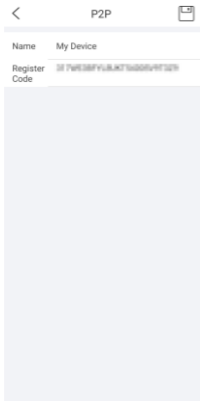




2. Tap  in the upper right corner or **Add Device**, and then choose **Scan QR Code**. Scan the QR code on the device.



3. Check if the register code is correct, and then tap . Now you can view the device details on the **Network** screen.



## 6 Web Login

**Default IP Address**

10.6.6.6/24

**Username/Password**

admin/123456

**NOTE:**

To ensure security, please change the password after your first login. You are strongly recommended to set a strong password of at least nine characters including all three elements: digits, letters, and special characters. Change your device password on a regular basis and keep the password safe to ensure that only the authorized user can log in to the device.

If you forgot your password, you need to provide device SN, device time, and dynamic factor to the technical support to generate a temporary password, and then use the temporary password to reset the password.

## 7 Download the Management Software

1. Visit our company's official website and choose an option to find the software.
  - Option 1: Find the software in **Support > Download Center > Maintenance Tools**.
  - Option 2: Enter [Cloud Managed Switch Management Software] in the search bar and press **Enter**. Select the **Type** as **Supports** to find the software.
2. Select [Cloud Managed Switch Management Software] and download and install the software according to the on-screen instructions.

**NOTE!**

The actual operations may be slightly different, please follow the instructions in the website.

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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 [http://en.uniview.com/Support/Download\\_Center/Product\\_Installation/Declaration/](http://en.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.