Network Video Recorders

Quick Guide

V2.02

1 Indicators

1.1 Front Panel

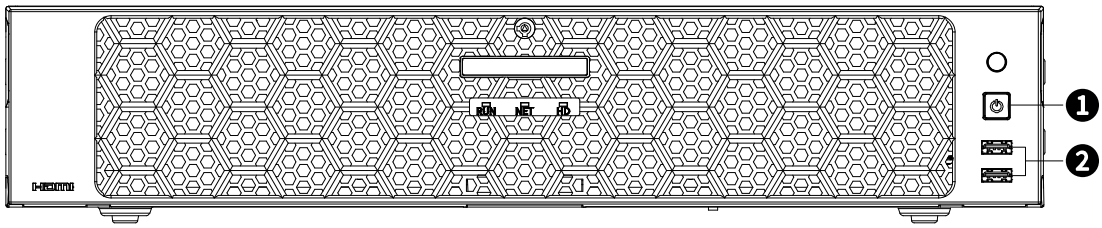
LED	Status	Description
RUN(Operation)	Steady on	Normal.
	Blinking	Starting up.
NET(Network)	Steady on	Connected to network.
HD(Hard disk)	Steady on	No disk; or disk is abnormal.
	Blinking	Reading or writing data.

1.2 Rear Panel

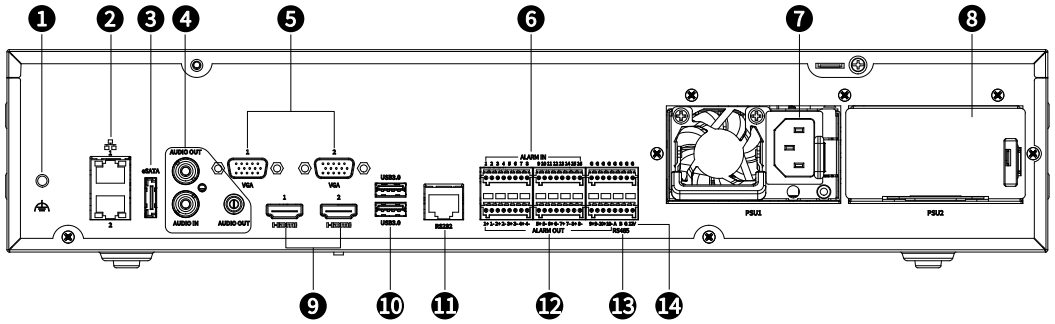
LED	Status	Description
PWR (Power)	AC OK: Off DC OK: Off	The device is connected to power, but it is turned off and does not operate.
	AC OK: Steady on DC OK: Off	The device is connected to power and turned on, but it does not operate normally.
	AC OK: Steady on DC OK: Steady on	The device is connected to power and turned on, and it is operating normally.

2 Interfaces

The figure below shows the rear panel interfaces. The actual interfaces may vary with device model.



Interface	Description
①	Power on/off **NOTE:** Press this button to power off. Do not power off device by disconnecting power; it may damage the device.
②	2 USB interfaces



Interface	Description	Interface	Description
①	Grounding	②	Network
③	eSATA interface	④	Audio out/Audio in
⑤	VGA output	⑥	Alarm input
⑦	AC power	⑧	Blank panel (supports installing a power supply user-purchased)
⑨	HDMI output	⑩	USB
⑪	RS232	⑫	Alarm output
⑬	RS485	⑭	12V DC output

3 Disk Installation

The illustrations are for reference only. The actual device may vary.

3.1 Preparation

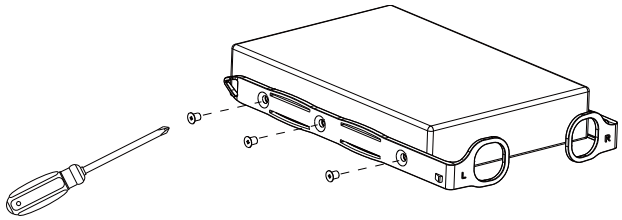
- Prepare a 1# or 2# Philips screwdriver, a pair of antistatic gloves or a wrist strap.
- Disconnect power before installation.

CAUTION!

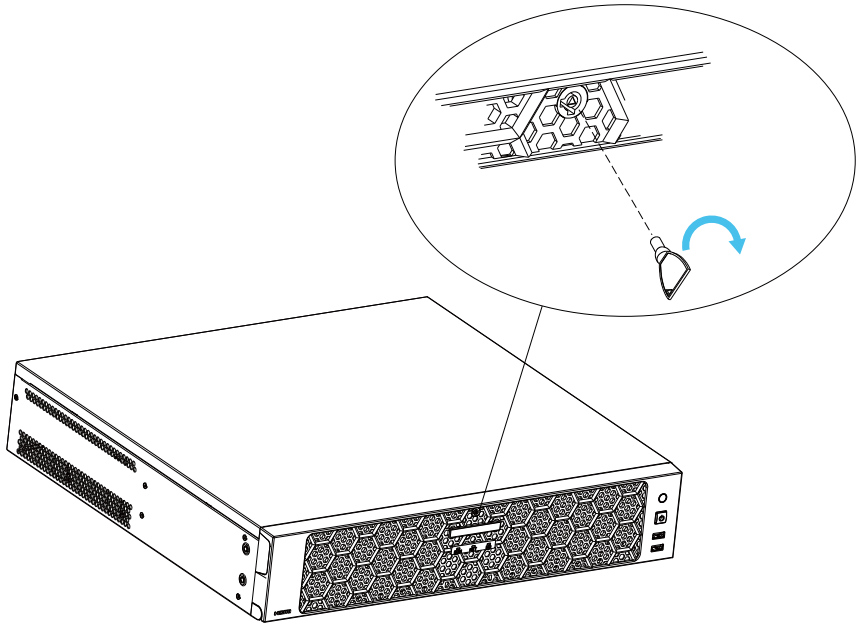
For NVR supports the face library function, the function may be unavailable if there are no disks in slot 1 and slot 2.

3.2 Installation

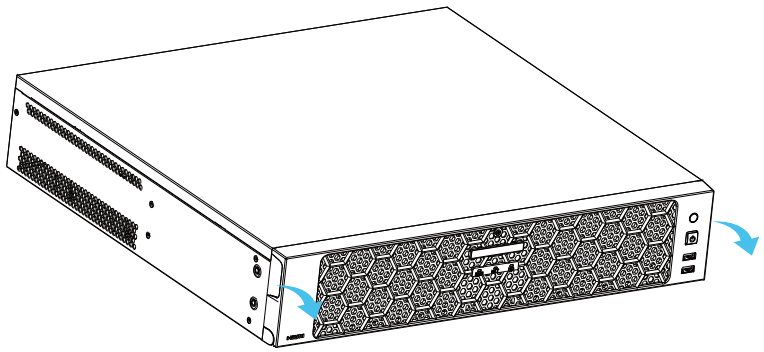
1. Fix the mounting brackets to the disk with screws (L for left and R for right).



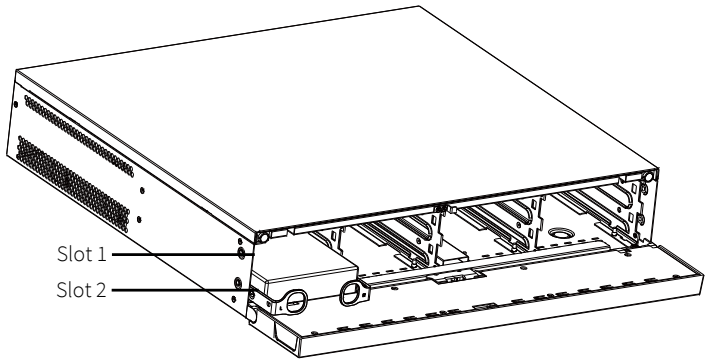
2. Insert the key into the keyhole and rotate it by 90° in clockwise direction to unlock the front panel.



3. Press the snap buttons on both sides of the front panel, and pull down by 90°.



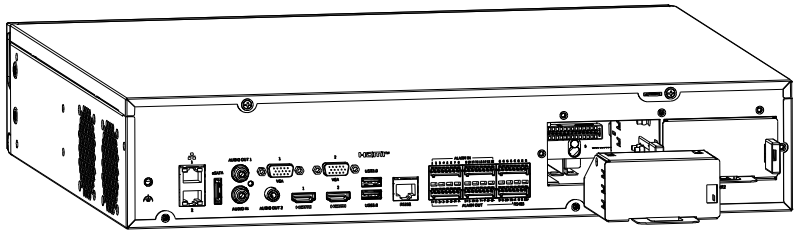
4. Align the disk with the slot and push it gently until it clicks into place. Repeat this step to install the rest of hard disks.



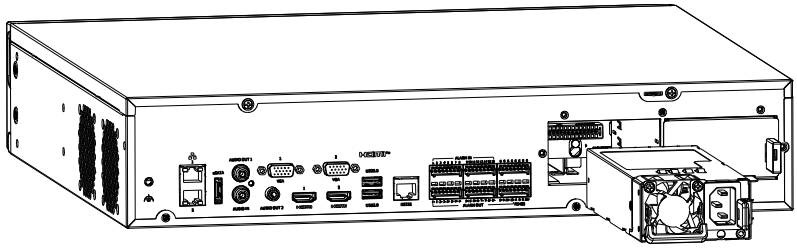
5. After all hard disks are installed, reinstall the front panel and lock it with the key.

3.3 Install Power Module

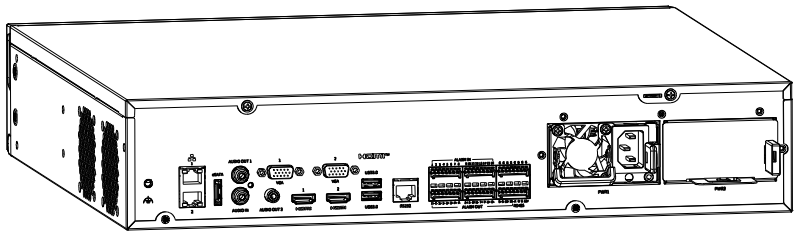
1. With your palm facing up, press and hold the spring snap with your thumb, insert your index and middle fingers into the handle, and then pull out the power panel.



2. If there is a power silkscreen on the device, you can confirm the direction of the power interface according to the silkscreen. If there is no silk screen, insert the power module in the direction as shown in the figure below.



3. Complete the power module installation.



4 Startup and Shutdown

Make sure the cables are connected correctly and the device is grounded properly. Use a power supply that meets requirements.

4.1 Startup

Connect the device to power and turn on the power switch (if applicable).

4.2 Shutdown

Click > Shutdown on the screen toolbar in live view page.

CAUTION!

Do not disconnect power when the NVR is operating or shutting down.

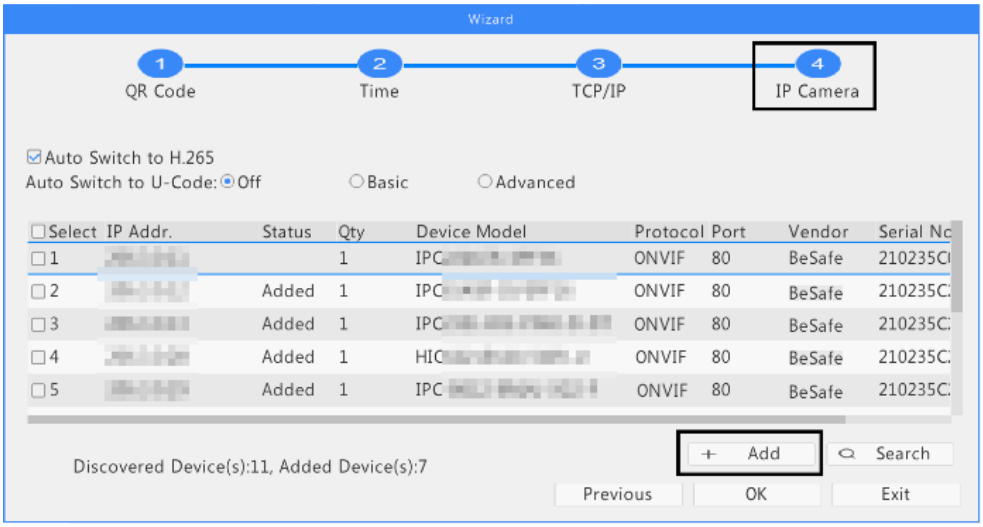
5 Local Operations

5.1 Add IP Devices

Before you begin, make sure the devices are connected to your NVR via network.

5.1.1 Quick Add

Follow the wizard to the fourth step. Select the devices to add in the discovered device list, and then click Add.

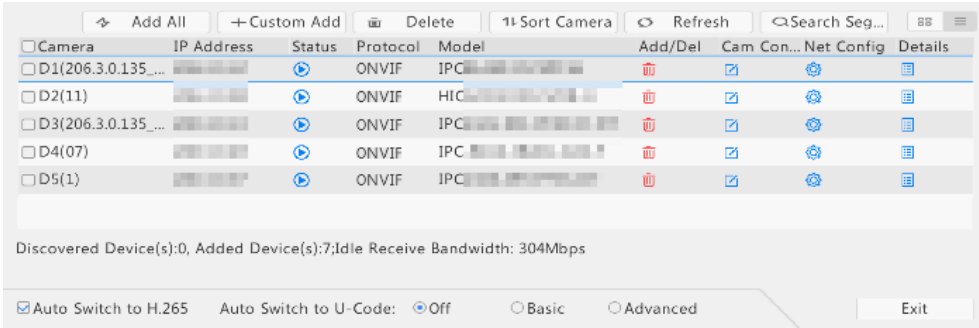


NOTE!

After the device is added, if wrong username or password message shows in the preview window, click in the window toolbar and enter the correct username and password.

5.1.2 Custom Add

1. Right click in the preview page, click Menu > Camera > Camera.
2. Click Custom Add, enter the IP address and other required information.



3. Check the status of camera. means the camera gets online successfully. If the status icon is grayed out, place your mouse cursor over the icon to view the cause of error. Click the edit button to modify device information.

NOTE!

- You can also click to add a device.
- Click Search Segment to search for devices in a specified network segment.

5.2 Playback

In the preview page, select the desired window, then right click and select Playback to play the recording of the current day.

NOTE!

- A 7*24 recording schedule is enabled by default. To set a recording schedule manually, right click and select Menu > Storage > Recording and then set recording type and time based on your needs.
- If you choose Event type recording, you need to enable the corresponding alarm function and configure alarm-triggered recording/snapshot first.

6 Web Login

Before you begin, check that your PC is connected to your NVR through network.

1. Open the browser on your PC, enter the IP address(192.168.1.30) in the address bar, then press Enter.

NOTE!

Install the plugin as required at first login. Close your browser during the installation.

2. In the login page, enter the correct username(admin) and password(123456), then click Login.

Disclaimer and Safety Warnings

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EU Authorised Representative

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About This Manual

- This manual is intended for multiple product models, and the photos, illustrations, descriptions, etc, in this manual may be different from the actual appearances, functions, features, etc, of the product.
- 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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- Users are fully responsible for the damages and losses that arise due to improper operation.
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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.
- Personal safety warnings:
  - Chemical Burn Hazard. This product contains a coin cell battery. Do NOT ingest the battery. It can cause severe internal burns and lead to death.
  - Keep new and used batteries away from children.
  - If the battery compartment does not close securely, stop using the product and keep it away from children.
  - If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Avertissements de sécurité personnelle:
  - Risque de brûlure chimique. Ce produit contient une batterie de cellules. N'ingérer pas la batterie. Si la batterie de cellule est avalée, elle peut causer de graves brûlures internes en seulement 2 heures et peut entraîner la mort.
  - Gardez les batteries nouvelles ou utilisées à l'écart des enfants.
  - Si le compartiment de la batterie ne se ferme pas en toute sécurité, cessez d'utiliser le produit et gardez-le à l'écart des enfants.
  - Si vous pensez que des piles ont pu être avalées ou placées à l'intérieur d'une partie du corps, consultez immédiatement un médecin.

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

CE

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.