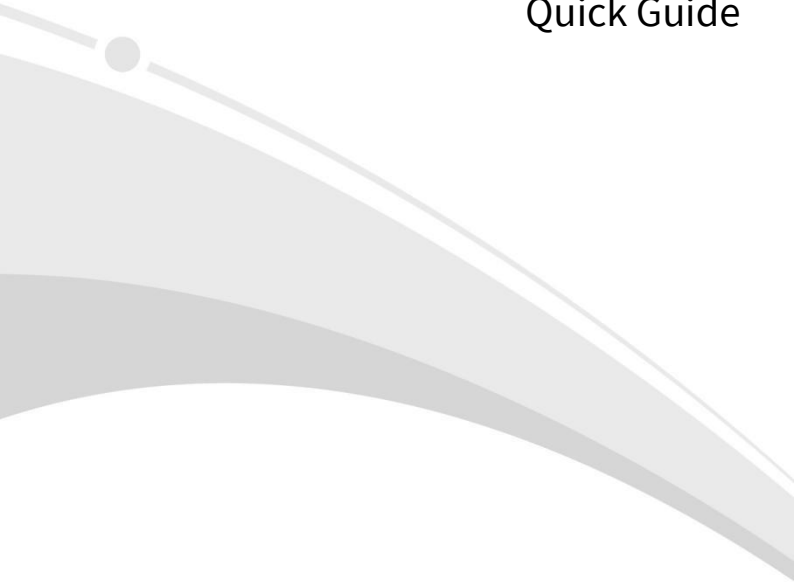


# Network Video Recorders

## Quick Guide

A decorative graphic on the left side of the page. It features a grey circle at the top left, with a thin grey line extending from it towards the right. Below this, there are two overlapping curved bands: a lighter grey band on top and a darker grey band on the bottom, both curving downwards and to the right.

# 1 Packing List

The package contents may vary with device model and version.

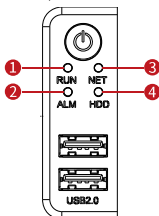
No.	Name	Qty	Unit
1	Device	1	PCS
2	Power cable	1	PCS
3	Grounding cable	1	PCS
4	Hard disk handle	1	Set
5	Phoenix terminal	6	PCS
6	Mouse	1	PCS
7	Screw	2	Set
8	Product documents	1	Set

# 2 Product Appearance

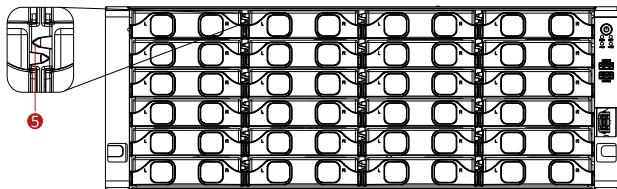
The product appearance may vary with device model and version.

## 2.1 Indicators

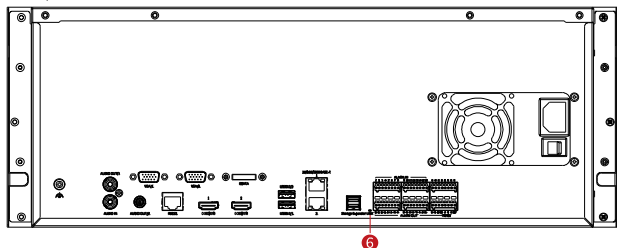
- Front panel



● Hard disk side



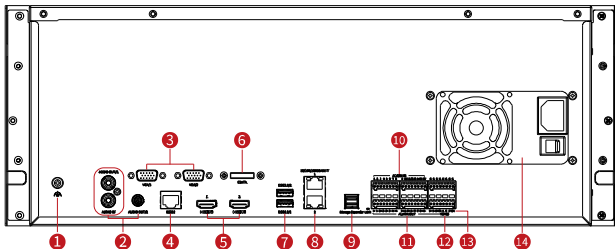
● Rear panel



No.	Indicator/Interface	Description
1	RUN (operation)	<ul style="list-style-type: none"> <li>● Steady on: Device is operating</li> <li>● Blinking: Device is starting up</li> <li>● Off: Device is shut down</li> </ul>
2	ALM (alarm)	<ul style="list-style-type: none"> <li>● Steady on: Device error occurred</li> <li>● Off: Device is normal</li> </ul>
3	NET (network)	<ul style="list-style-type: none"> <li>● Steady on: Network is connected</li> <li>● Off: Network is not connected</li> </ul>
4	HDD (hard disk)	<ul style="list-style-type: none"> <li>● Steady on: Disk is installed</li> <li>● Off: No disk</li> </ul>

No.	Indicator/Interface	Description
5	HDn (hard disk)	<ul style="list-style-type: none"> <li>Steady green: No data read/write</li> <li>Blinking green: Data read/write in progress</li> <li>Steady yellow: Hard disk error</li> <li>Blinking yellow: Rebuilding RAID</li> </ul>
6	Link (link)	<ul style="list-style-type: none"> <li>Steady on: Network device is connected</li> <li>Blinking: Transmitting data</li> <li>Off: Network device is not connected</li> </ul>

## 2.2 Interfaces



Interface	Description	Interface	Description
1	Grounding	2	Alarm input/output
3	VGA output	4	RS232
5	HDMI output	6	eSATA
7	USB	8	10M/100M/1000M network port
9	MiniSAS HD	10	Alarm input
11	Alarm output	12	RS485
13	12V power output	14	AC power module

## 3 Device Installation

The figures are for illustration purpose only and may be different from the actual device.

### 3.1 Check Before Installation

#### 1 Check device components

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

#### 2 Check installation tools

Please prepare the following tools:

- Phillips screwdriver
- ESD wrist strap or gloves

#### 3 Check the installation site

The device must be installed indoors with proper lightning protection and grounding.

- The environment must meet lightning protection requirements, with appropriate lightening protection devices if necessary.
- The device must be properly grounded through its grounding terminal.



#### **CAUTION!**

Disconnect the device from power before you start installation. Wear anti-static gloves throughout installation.

---

### 3.2 Install the Device

Install the device in a standard 19-inch rack or place it on a clean tabletop or workbench.

---



#### **CAUTION!**

Do not stack the device or place heavy items on it, as this will affect heat dissipation.

---

### 3.2.1 Install the Device in a Rack

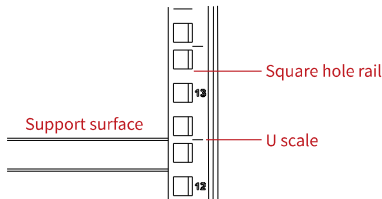


#### CAUTION!

- Keep the rack away from vibration sources such as an electric generator.
- For rack mount, a tray must be installed on the rack to hold the device. It is forbidden to hold the device only by rack mounting brackets.

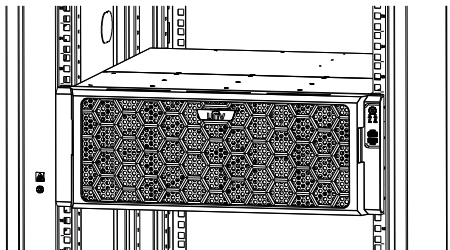
#### 1 Install the tray

Fix the tray that comes with the rack to the rack. Ensure that the tray's support surface aligns with the "U" scale on the rack's square hole rail.

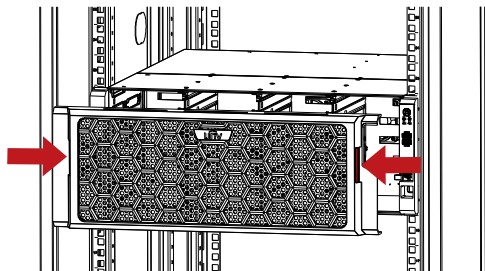


#### 2 Secure the device

1. Push the device along the tray into the rack, ensuring it is flush with the square hole rails.

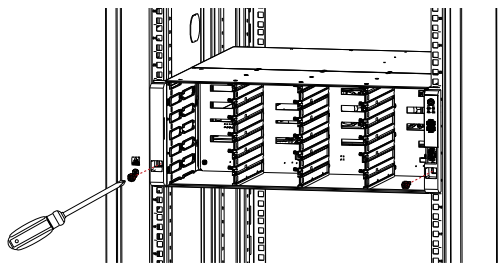


2. Remove the front panel. Press the clips on both sides of the front panel simultaneously and pull the front panel outward.



### 3. Secure the device

- (1) Locate the screw holes on the device's rack mounting brackets, and install the floating nuts included with the rack onto the corresponding holes on the rack's square hole rails.
- (2) Screw the supplied screws into the rack mounting brackets to secure the device to the rack.



### 3 Install hard disks

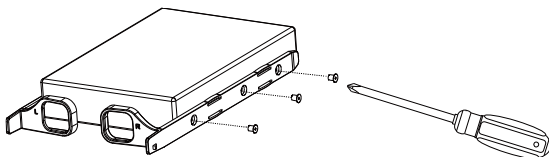
Consult our authorized dealers or technical support for the recommended HDD specifications.



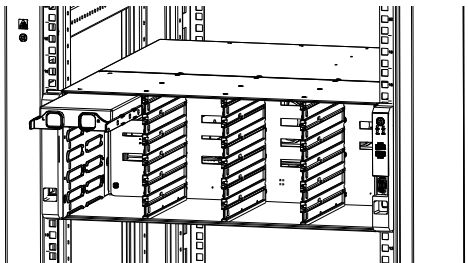
## CAUTION!

- You can install hard disks of different manufacturers in the device. The hard disks are hot swappable. However, hot-swapping is allowed only when the hard disk is not reading or writing data (HDD indicator is not blinking green).
- For devices with face related functionality, slot 1 and slot 2 cannot be left empty, as this will affect the functionality.

1. Distinguish left (L) and right (R) part of the handle based on the markings, then secure the hard disk to the handle.



2. Align the hard disk with the slot and gently and steadily insert it into the chassis. A "click" sound means the hard disk is successfully installed. Repeat the above steps to install the rest hard disks.



3. Press the clips on both sides simultaneously with both hands and reattach the front panel.



## 3.2.2 Install the Device on a Tabletop

The device can be placed on a clean tabletop or workbench if a standard 19-inch rack is not available. The installation of the hard disks is described in 3 Install the Hard Disk.

The tabletop or workbench shall meet the following requirements:

- The tabletop or workbench is firm enough to bear the weight of the device and cables.
- The tabletop or workbench is stable and well grounded.
- Allow at least 30cm space at the front and back sides and at least 10cm space at the left and right sides of the device for heat dissipation.
- Do not stack the device or place any items on it.

## 4 Startup

After completing the cable connection, connect the device to the mains power to start it up.

### 4.1 Startup

The device powers on as soon as it is connected to power.

### 4.2 Shutdown

Move the mouse to the bottom of the preview screen and click  > **Shutdown** on the bottom toolbar.



#### **CAUTION!**

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

## 5 Device Configuration

### 5.1 Prerequisite

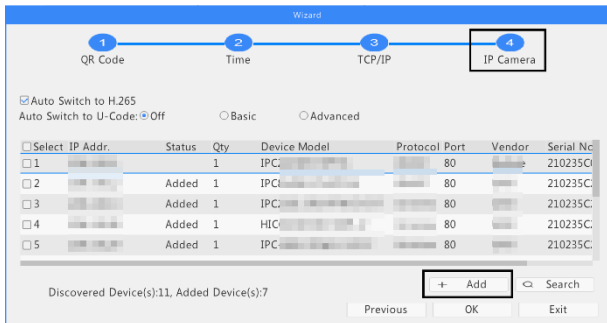
The IP camera must be connected to the network.

## 5.2 Add Device

### 5.2.1 Quick Add

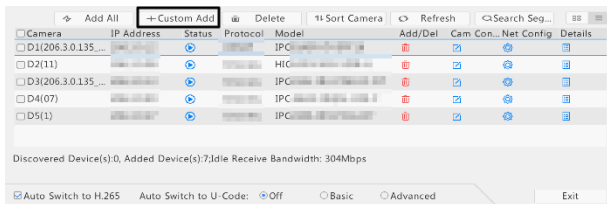
The wizard appears after you log in to the device. Follow the on-screen instructions to go to Step 4.

Click **Search**, select the IP camera to add, and then click **Add**.



### 5.2.2 Custom Add


Right-click on the preview screen, click **Menu > Camera > Camera**. On the **IP Camera** page, click **Custom Add**, and then enter the required information including the IP address to add the device.





---

**NOTE!**

If  is highlighted, it means the IP camera is online; if grayed out, hover the mouse over the status button to view the offline reason.

---

## 6 Web Login

**Default IP address**

192.168.1.30

**Default username/password**

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

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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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- 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.

## 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.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.
- **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.
- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **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.

### 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.

## **Avvertimento 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/](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.