

Digital Video Recorders

Quick Guide

V2.00

1 Indicators

The indicators may vary device model.

Figure 1-1 Front Panel Indicator

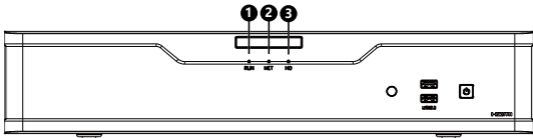


Table 1-1 Indicator Description

| No. | Indicator | Status | Description |
|-----|-----------------|-----------|---------------------------------|
| 1 | RUN (Operation) | Steady on | Normal |
| | | Blinking | Starting up |
| 2 | NET (Network) | Steady on | Connected to network |
| 3 | HD (Hard disk) | Steady on | No disk; or disk is abnormal |
| | | Blinking | Normal, reading or writing data |

2 Interfaces

The actual interfaces may vary with device model.

2.1 Front Panel

Figure 2-1 Front Panel Interface

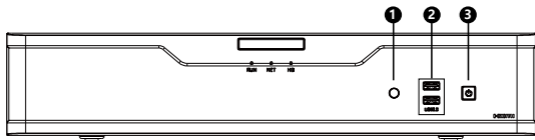


Table 2-1 Interface Description

| No. | Description | No. | Description |
|-----|-------------------------------------|-----|---------------|
| 1 | IR module (receive infrared signal) | 2 | USB interface |
| 3 | Power button | - | - |

2.2 Rear Panel

Figure 2-2 Real Panel Interface

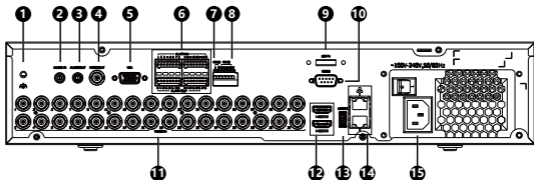


Table 2-2 Interface Description

| No. | Description | No. | Description |
|-----|--------------------|-----|--------------------|
| 1 | Grounding terminal | 2 | Audio input |
| 3 | Audio output | 4 | Video output |
| 5 | VGA video output | 6 | Alarm input/output |
| 7 | RS485 | 8 | RS422 |
| 9 | eSATA | 10 | RS232 |
| 11 | Video input | 12 | HDMI video output |
| 13 | USB interface | 14 | Network interface |
| 15 | Power input | - | - |

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.

3.2 Install Device

1. Loosen the screws on the upper cover and mounting plate on the side panels.

Figure 3-1 Rear Panel

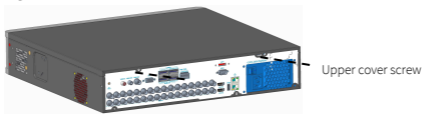
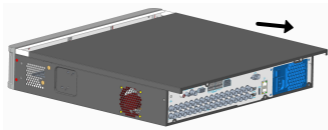


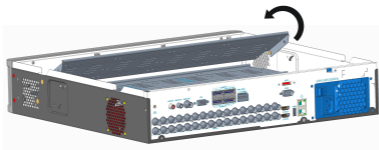
Figure 3-2 Side Panel



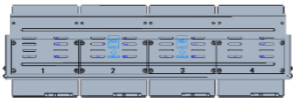
2. Slide the upper cover backward, and lift it up to remove the cover.



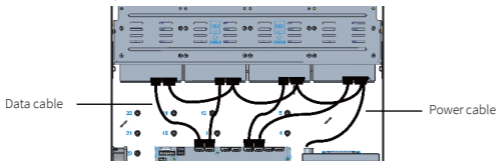
3. Turn the upper mounting plate in the shown direction, and then remove the plate. Repeat the steps to remove the lower mounting plate. 4-HDD devices only have the upper mounting plate.



4. Secure the disks on the mounting plate. Fix the screws according to the figure below to avoid disk damage.



5. Put the mounting plate back in place. Connect the power cables and data cables as shown in the figure. Repeat the steps to connect all the disks.



6. Put the cover back in place, and secure it and the mounting plates with screws.


4 Startup and Shutdown

Make sure all 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 to start it up.

4.2 Shutdown

Click  > **Shutdown** on the screen toolbar at the bottom of the live view page.



NOTE!

Do not disconnect power when the device is operating or shutting down. Otherwise, it may cause data loss or device damage.

5 Local Operations

5.1 Add Cameras

Before you begin, make sure the cameras are connected to your DVR via network.

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

| Camera | Address | Status | Protocol | Model | Add/Del | Cam Config | Configure | Details |
|---|---------------|--------|----------|---------------------|---------|------------|-----------|---------|
| <input type="checkbox"/> D1(D115) | 192.168.1.115 | | Private | IPC-HFW1219-010-010 | | | | |
| <input type="checkbox"/> D2(D118222) | 192.168.1.118 | | Private | IPC-HFW1219-010-010 | | | | |
| <input type="checkbox"/> D3(01) | 192.168.1.1 | | Private | IPC-HFW1219-010-010 | | | | |
| <input type="checkbox"/> D4(02) | 192.168.1.2 | | Private | IPC-HFW1219-010-010 | | | | |
| <input type="checkbox"/> D5(IP Camera 12) | 192.168.1.12 | | Private | IPC-HFW1219-010-010 | | | - | |
| <input type="checkbox"/> D7(07) | 192.168.1.7 | | Private | IPC-HFW1219-010-010 | | | | |
| <input type="checkbox"/> D9(09) | 192.168.1.9 | | Private | IPC-HFW1219-010-010 | | | | |
| <input type="checkbox"/> D10(1) | 192.168.1.1 | | Private | IPC-HFW1219-010-010 | | | | |
| <input type="checkbox"/> D12(157-SP51) | 192.168.1.157 | | Private | IPC-HFW1219-010-010 | | | | |
| <input type="checkbox"/> | 192.168.1.1 | | Private | IPC-HFW1219-010-010 | | - | | |
| <input type="checkbox"/> | 192.168.1.1 | | ONVIF | IPC-HFW1219-010-010 | | - | | |



NOTE!

- Click **Search Segment** to search for cameras in a specified network segment.
- 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.

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 24/7 recording schedule is enabled by default. You can go to **Menu > Storage > Recording Schedule**, and set recording type and time as needed.
- 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, make sure that your PC is connected to the DVR through network.

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 all three elements: uppercase and lowercase letters, digits, and special characters. You are strongly recommended to regularly change the device password and keep it secure to ensure that only authorized users can log in.

Disclaimer and Safety Warnings

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- 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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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 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.