✗LEGEND NX

Universal Video Recorder

Quick Start Guide

✗inaxsys®

INSIDE THE BOX

- Network Universal Recorder
- Hard Disk DrivePower Mounting Screws
- Hard Disk Drive Power Cable
- Power Adapter

- USB Mouse
- Quick Start Guide
- Hard Drive Serial Cable

1. Network Architecture

UVRs are pre-configured computer systems built to record and store video footage on hard drives, mass storage devices, or cloud platforms. They are optimized to simplify and streamline the installation process.
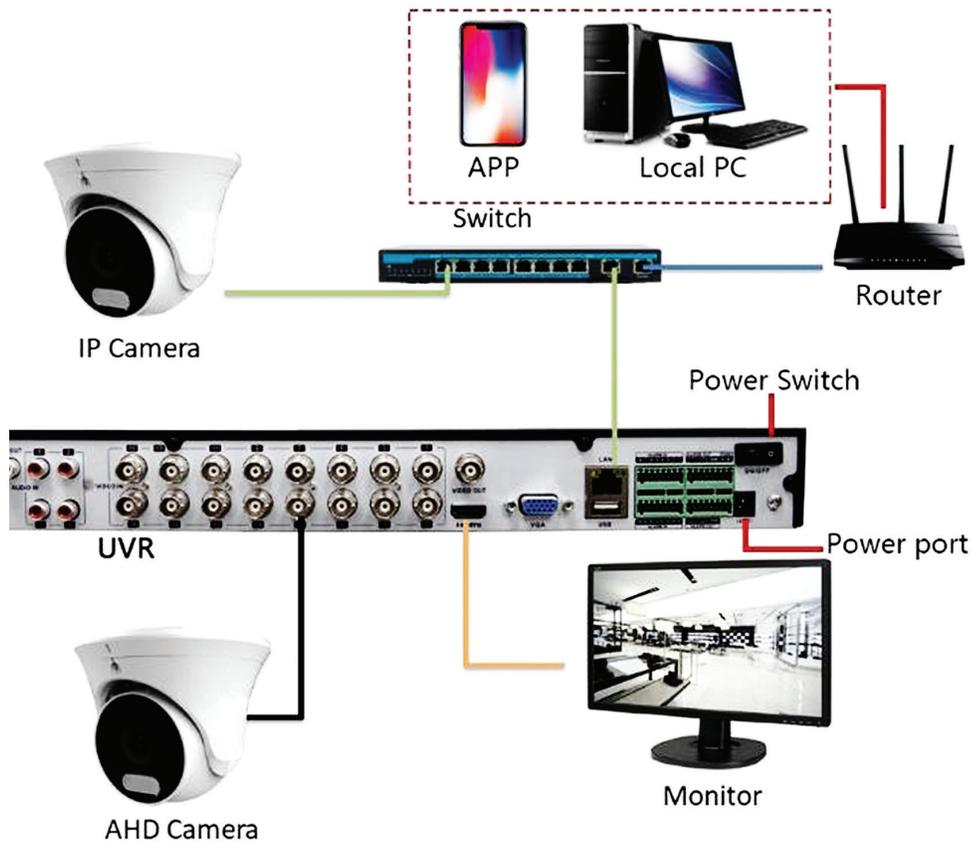
To set up the system, connect the AHD cameras to the UVR's BNC ports. After completing the configuration wizard, the video feed will display, and recording will begin automatically. Refer to the instructions below for setup details.

[NOTE] This may not be relevant in all installation scenarios.

2. Hard Drive Configuration

Legend NX : 1 or 2 Hard Disk Drive.

This range of products can accommodate 1 or 2 HDD(s). Power off the system prior to the HDD installation. The installation visuals are for guidance only.

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1. Glide to remove the cover

2. Mount the HDD and secure the screws

3. Attach the power and data cables
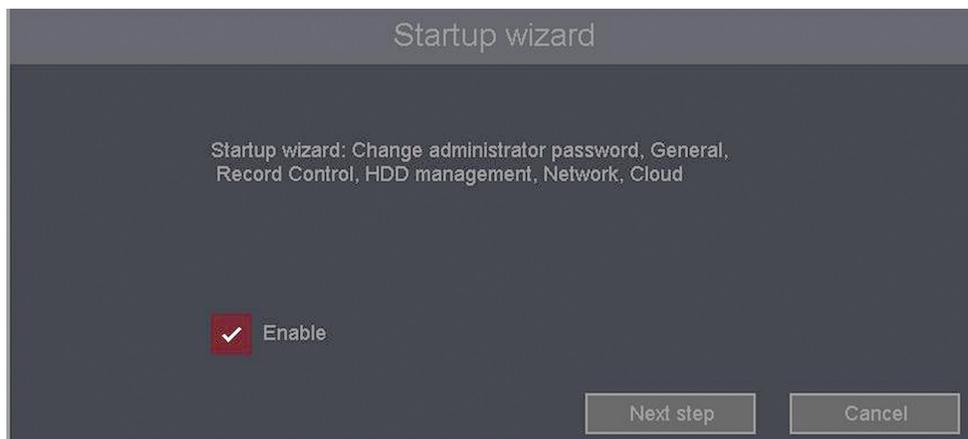
4. Mount the cover and lock the screws

[NOTE] This image is for reference purposes only, the actual product may vary
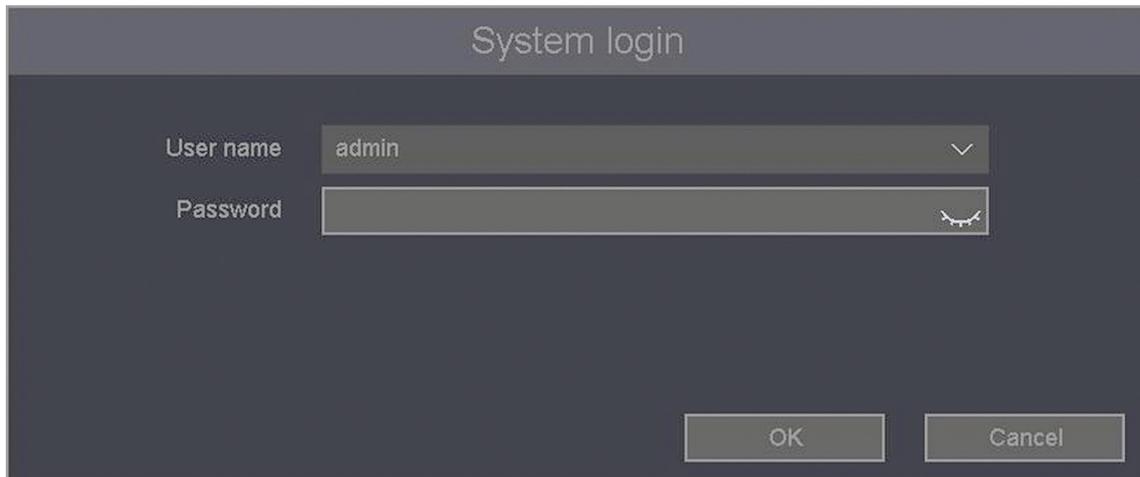
3. Setup Wizard

After the device is powered on or rebooted, the setup wizard window will appear, assisting the user in the initial configuration.

1. Use the checkbox to configure whether the startup wizard will open during future launches.

2. Press Next Step.

Startup wizard

Startup wizard: Change administrator password, General, Record Control, HDD management, Network, Cloud

✔ Enable

Next step   Cancel

System Access

1. The default username is "admin," and the default password is "123456.

2. Press OK.

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4. Startup Wizard: Set Administrator Password

It is recommended to reset your password weekly or monthly. If you prefer to skip this step, click "Next Step."

1. Enter your current password in the designated field.
2. Enable the "Modify Administrator Password" option.
3. Create a new password by entering it in the provided field.
4. Enter the new password to confirm it.

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5. Startup Wizard: General Settings

You have the possibility to adjust key settings such as Language, Time Zone, System Time, Time Format, Daylight Saving Time (DST), Auto Logout, Startup Wizard, and Smart Display for optimal configuration.

1. Select your preferred language.
2. Set the appropriate time zone.
3. Configure any additional parameters as required.
4. Click "Next Step" to proceed.

> **[NOTE]** Certain device models will automatically reboot after changing the language. It is recommended to keep other parameters at their default settings.

6. Startup Wizard: Recording Settings

All channels are set to record all event types by default. Up to six time periods can be configured for the recording profile.

1. Select a channel, specify the pre-record time, and choose the stream type (main or sub) for recording.
2. Choose the recording mode: Norm (Normal), MD (Motion Detection), or Alarm (External Alarm).
3. Use the mouse to click and drag on the timeline to enable or disable recording and set up a recording schedule.
4. To apply these settings to other channels, click the "Copy to" button, or repeat steps 1-3 for each channel individually.
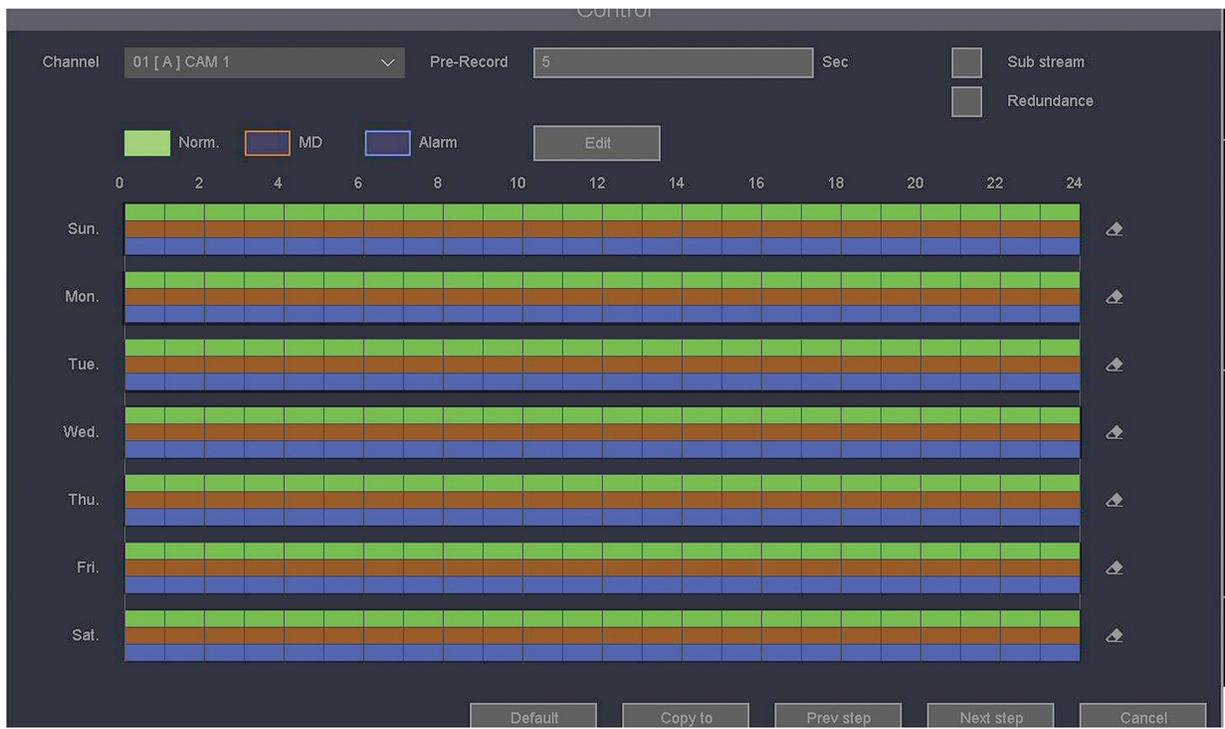
Certain devices support the recording of sub-streams. Recording sub-streams can enhance playback performance and efficiency, especially when using high-resolution cameras. To enable this feature, check the box labeled "Sub Stream" located in the upper-left corner of the window, if supported by your device.

7. Configuration Guide : Hard Drive Disk Management

1. The "Normal" status indicates that the UVR is recording properly. If the hard disk status is not "Normal," inspect the issue to ensure uninterrupted recording.

2. When the hard disk status is "Normal," select "Edit" to open the "HDD Set" pop-up window, where you can adjust the read/write mode and assign the hard disk to a group.

[NOTE] Ensure you format the hard disk before using it for the first time.

8. Startup Wizard: Hard Drive Disk Management

DHCP Settings

DHCP is enabled by default. To use a static IP address, uncheck DHCP and ensure the network is configured correctly to maintain a stable connection and enable remote access to IP cameras within the same range.

DNS Settings

DNS can be set to automatic or manual. It is generally recommended to use automatic DNS to ensure a stable network connection.

[NOTE] Use the mouse to click on the field, which will open the on-screen keyboard. Enter the numbers to configure the network settings.

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Network

DHCP	☑
IP Address	192 . 168 . 120 . 174
Sub Net Mask	255 . 255 . 255 . 0
Gateway	192 . 168 . 120 . 1
MAC	00:32:77:6f:47:61
Primary DNS	221 . 12 . 1 . 227
Secondary DNS	192 . 168 . 1 . 1
DHCP_IPV6	☐
IPv6 Address	2001:0db8:0:f101::a/64
IPv6 Gateway	2001:0db8:0:f101::
IPv6 Primary DNS	
Link Speed/Duplex Mode	Auto Negotiation ⌄
Max Users	32
HS Download	☑
Transfer Mode	☐

[Default] [Prev step] [Next step] [Cancel]

9. Startup Wizard: Cloud Settings

Once successfully connected, you can access the UVR preview on your smartphone.

1. Check the Enable box.
2. Wait for the Status to update to Connected (if your network connection is functioning correctly).
3. Scan the QR code with your smartphone to download the app (available for iOS and Android).
4. Install and open the LEGEND NX app, then scan the QR code labeled Cloud ID in the startup wizard.
5. Tap the play button for the added device in the app to view the real-time camera preview.

[NOTE] For more detailed configuration options in the app, refer to the app user manual. When using the app for live preview, it is recommended to select the sub-stream instead of the main stream to enhance video display speed and minimize mobile data consumption.

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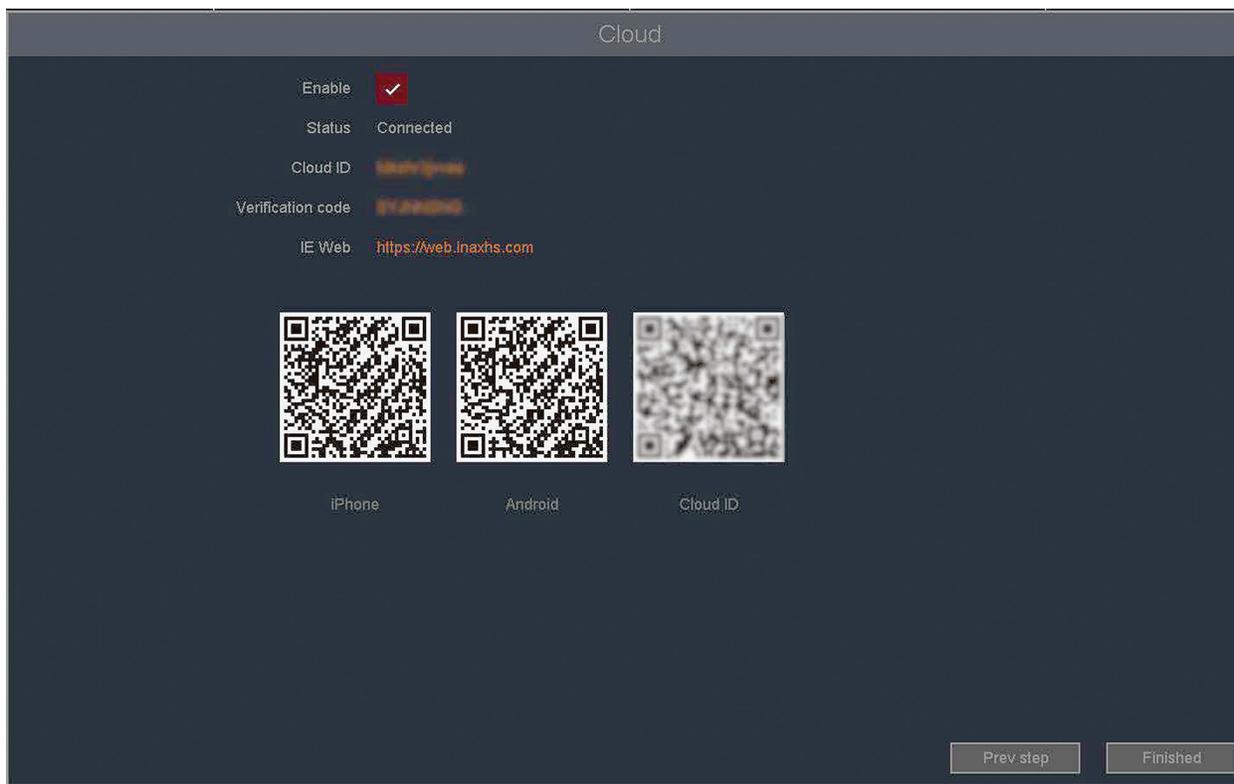
10. Shortcut Menu

In Live View mode, right-click using the mouse to access the shortcut menu.

- **Main Menu:** Access all UVR functions and settings.
- **Startup Wizard:** Launch the startup wizard.
- **Auto Channel Config:** Search for and add all compatible IP cameras.
- **IP Channel:** Configure connections to IP cameras.
- **Channel:** View channel status.
- **Record Playback:** Shortcut to playback functions.
- **Quick Record:** Enable or disable recording quickly.
- **PTZ Control:** Open PTZ controls.
- **Coaxial Control:** Adjust the video output signal.
- **Color Setting:** Modify camera color settings.
- **Output Adjust:** Adjust the display output settings.
- **Mute:** Disable sound.
- **DISARM:** Quickly enable or disable the alarm system.
- **Check Version:** View system version information.
- **Logout:** Log out of the system

11. Camera Connection

Turn on the AHD camera and connect it to the BNC ports on the UVR to automatically display the video feed. You can also connect the camera via the local network by configuring the network IP camera to match the UVR's IP range.
To change the HD channel to IP, follow these steps:

1. Open the Quick Menu and select IP Channel, then go to Channel Type - Channel Set.

2. Use the checkboxes to select the channels you want to switch to IP.

3. Click Execute, and the UVR will reboot to apply the changes.

To add IP cameras from the network, follow these steps:
Ensure that the UVR is correctly connected to the local network.

4. Open the Quick Menu, click IP Channel, and select IP Channel at the top of the screen.

5. Click Search at the bottom of the window to scan for compatible IP cameras on the network.

6. Select a channel position from the top window.

7. Double-click the desired IP address to assign the camera to the selected channel.

   [NOTE] If the camera fails to load to the selected position after double-clicking, delete the connection information by clicking the red 'X.'
   Then, double-click the IP address again to assign the camera to the selected position

# 12. Live View: Modifying Video Output Signal

If your AHD camera is properly connected to the UVR, the screen will display a preview corresponding to the connected channel, as shown below.
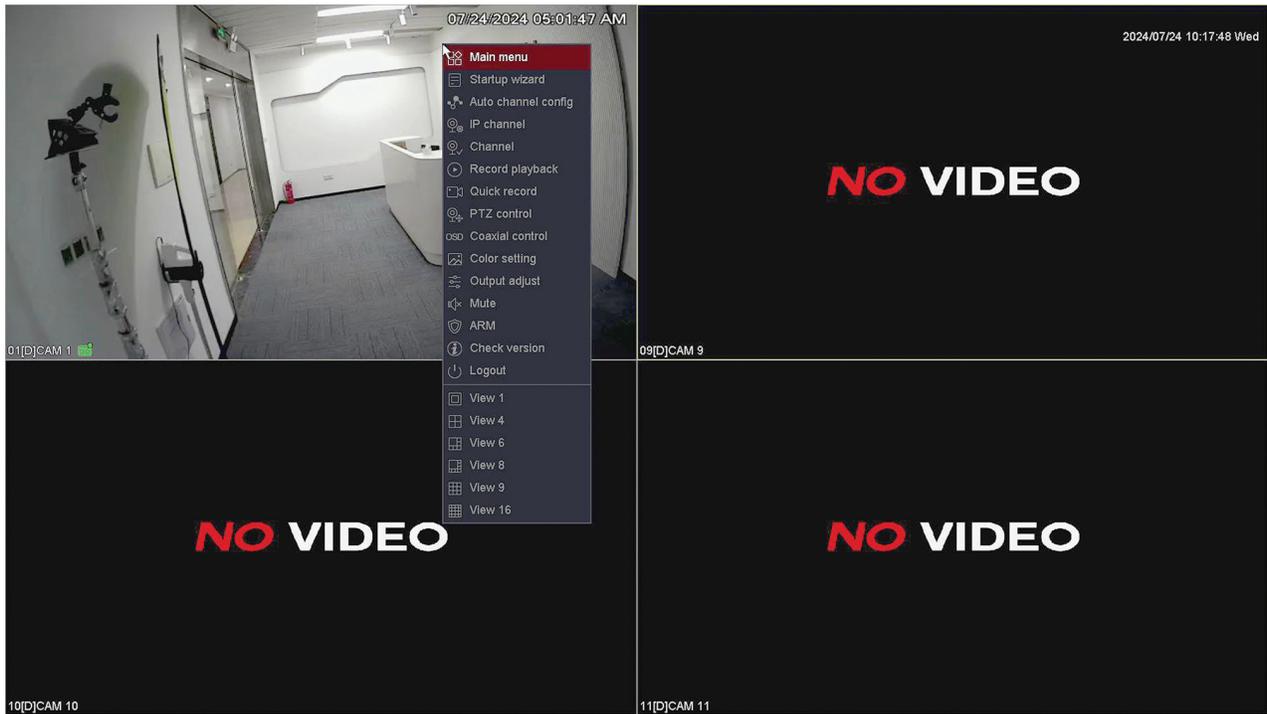
To adjust the video output signal, use the UVR's Coaxial Control feature:

1. In the preview interface, select the camera for which you want to modify the video output signal.

2. Right-click and select OSD Coaxial Control.

13. Playback Settings
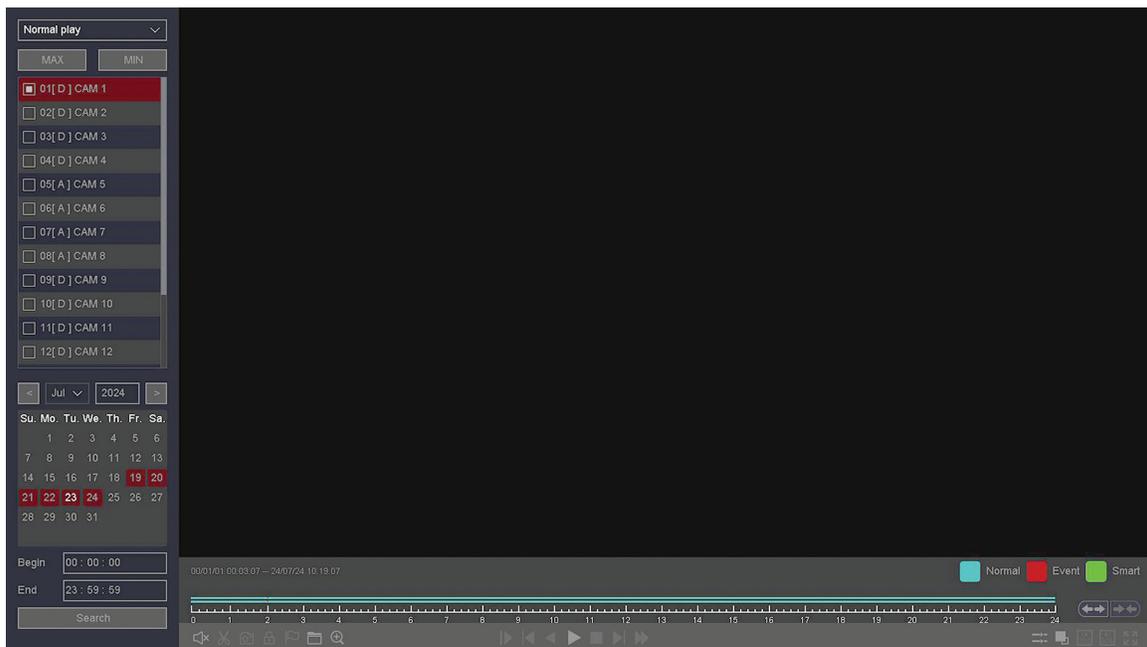
14. Backup Settings

To back up videos, pictures, event videos, and event pictures:

1. Open the Main Menu from the Quick Menu and click the Backup menu at the bottom.

2. Select the Record Channel, Type, Start Time, and End Time to search for the desired video files.

3. Set the File Format for the backup before performing the search.

4. Connect a USB device with enough free space to store the backup.

5. From the search results, select the video files you want to back up and click Start to initiate the backup process.

[NOTE] If the USB device is not detected, click Detect to locate it.
[NOTE] If there is insufficient free space on the USB device, click Format to erase its contents.

This symbol is meant to notify users of critical operations and maintenance instructions in the product documentation.

This symbol is meant to warn users of exposed 'dangerous voltage' within the product enclosure, which could pose an electric shock risk to untrained individuals.

Warning: RISK OF ELECTRIC SHOCK. DO NOT OPEN

CAUTION SHOCK: To minimize the risk of electric shock, do not remove the cover or rear panel. There are no parts inside that can be serviced by the user. Contact Inaxsys for product assistance.

CAUTION: To avoid electric shocks and reduce the risk of fire, do not use an unspecified power source.

CAUTIONS:

Please be mindful of the UVR's operating temperature and environmental conditions. Refrain from using the UVR in excessively high or low temperatures. The recommended operating range is -10°C to 50°C. To prevent damage to the image sensor (CMOS), avoid exposing the camera lens to direct sunlight or other intense light sources.

Avoid placing the UVR near radiators or heat sources.

The power supply must meet the camera's specifications. Make sure the output voltage, current, voltage polarity, and operating temperature are within the required range for the UVR's power supply.

The use of Ethernet surge protectors is highly recommended to protect against lightning and other causes of electrical surges.

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