✕ LEGEND NX

Network Video Recorder

Quick Start Guide

✕ inaxsys®

INSIDE THE BOX

- Network Video Recorder
- Hard Disk Drive Installation Screws
- Hard Disk Drive Power Cord
- Power Converter

- USB Mouse Controller
- Quick Start Guide
- Hard Drive Serial Wire

1. Network Architecture

- NVRs are designed as plug-and-play computer systems that record and store video footage on hard drives, extensive storage devices, or cloud storage, with improvements to facilitate the installation process.
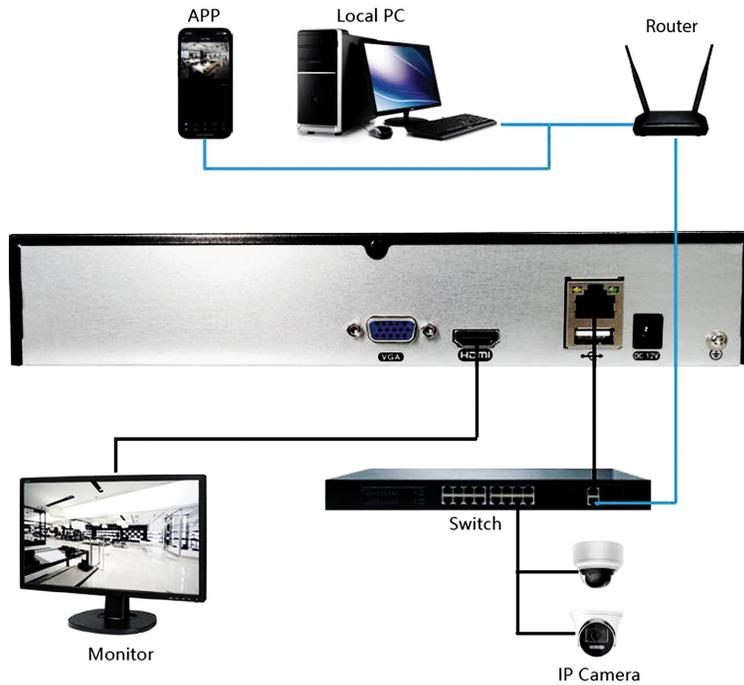
PoE NVR
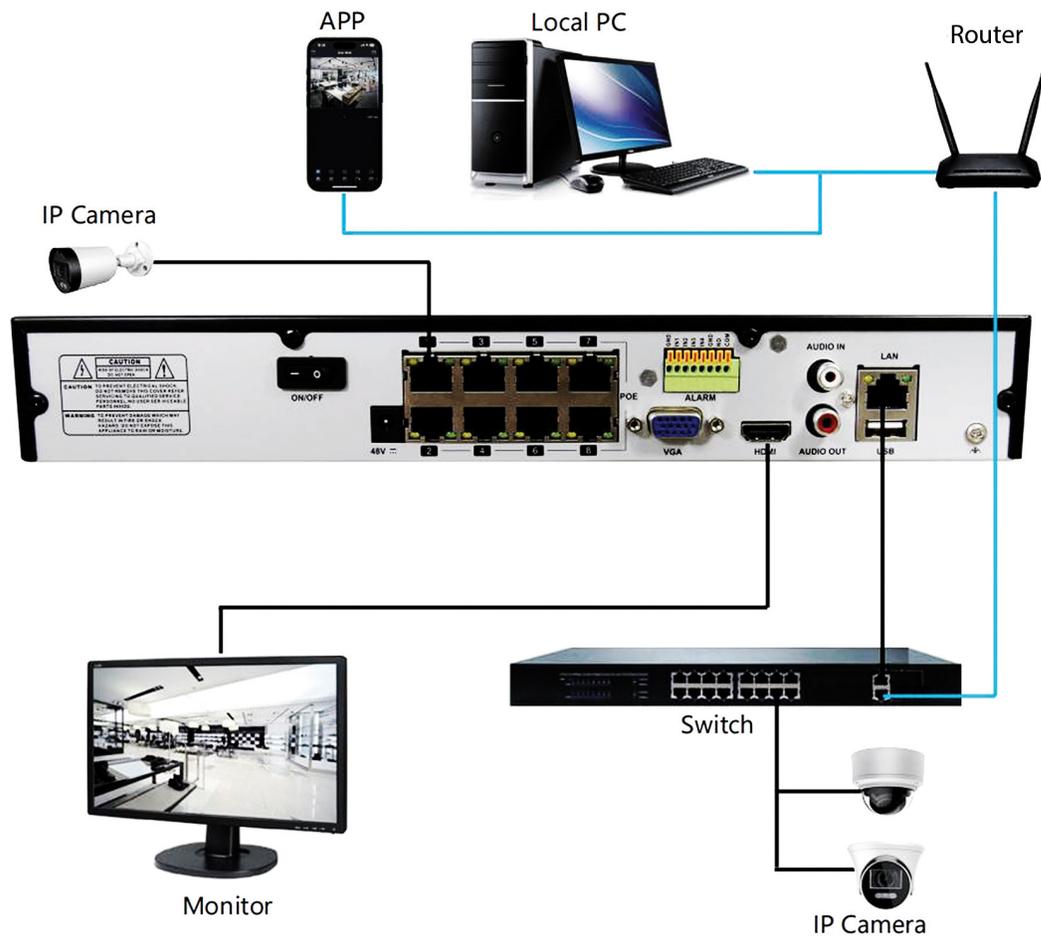
Plug the IP cameras into the PoE port of the NVR. The video feed will be shown, and recording will start once the configuration wizard is finished. Follow these guidelines to set up the system.

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

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Non PoE NVR

APP Local PC Router VGA HDMI DC 12V Monitor Switch IP Camera

Plug the IP cameras into the port on the switch. Video will be shown, and recording will commence after the configuration wizard is done. Use the instructions below to set up the system.

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

2. Hard Disk 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.

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.

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Legend NX : 4 or 8 Hard Disk Drive.

This range of products can accommodate 8 HDD(s). Please switch off the power before starting the HDD setup.

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] The images shown are for reference purposes. The actual product details are final.

3. Solid-State Drive Configuration

Specific NVR models are compatible with SSD drives. Turn off the power before proceeding with the SSD installation.

1. Glide to remove the cover

2. Mount the SSD and secure the screws.
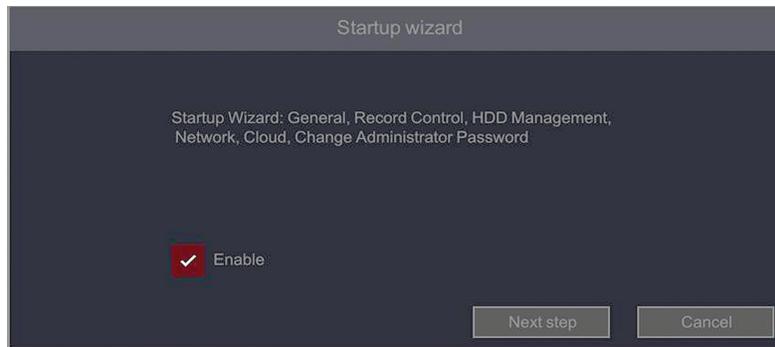

3. Attach the power and data cables.

4. Mount the cover and lock the screws.

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4. Startup 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.

System Access

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

5. 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.
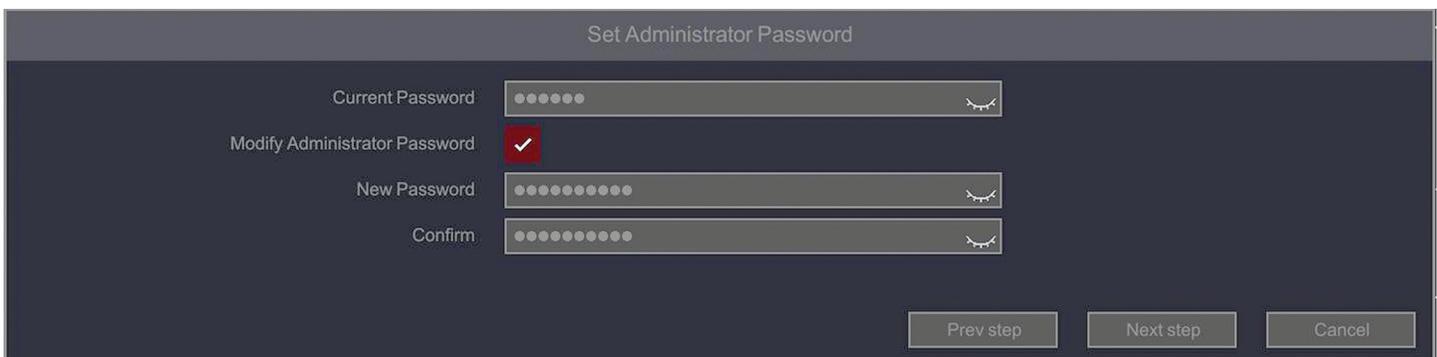
6. Startup Wizard: General Settings

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.

4

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

| General		
Language	English	˅
Time Zone	[GMT-05:00]Eastern Time(U.S. and Canada)	˅
System Time	07 / 01 / 2024	05 : 40 : 55 AM
Time Format	/ ˅ mm dd yyyy ˅	12-Hour ˅
DST	✓ Set	
Auto Logout	0 min	
Startup wizard	✓	
Host Name	LocalHost	
Smart Display	☐	
Smart Tracking Display	☐	
Preview Strategy	Real-time priority ˅	

Default   Prev step   Next step   Cancel

7. 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.

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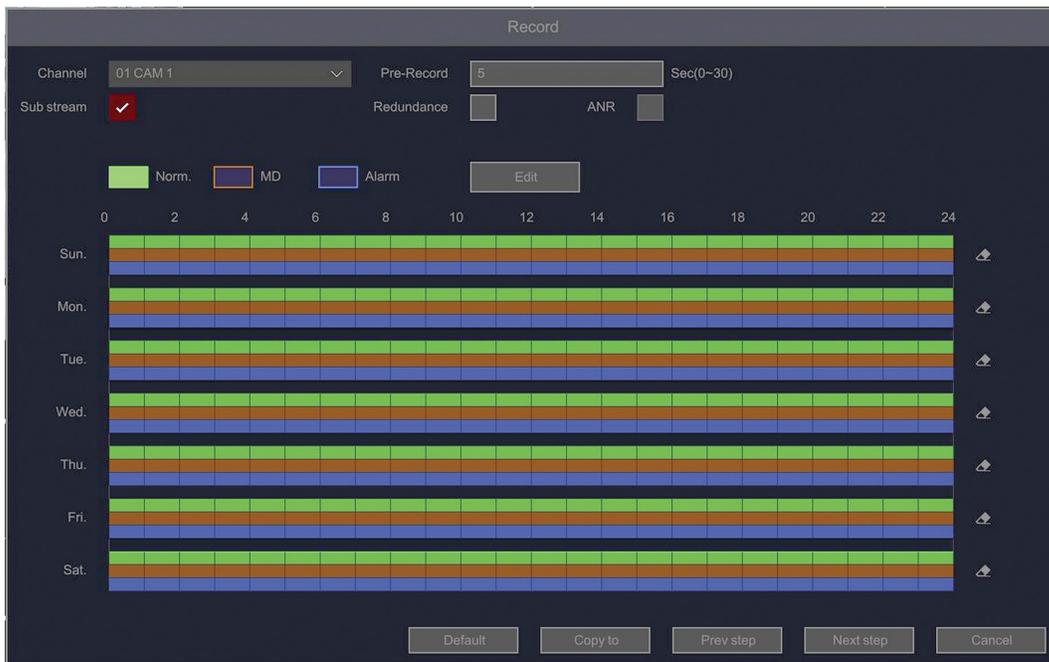
1. The "Normal" status indicates that the NVR is recording properly. If the hard disk status is not "Normal," inspect the issue to ensure uninterrupted recording.

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.

8. Startup Wizard: Hard Drive Disk Management

[NOTE] Ensure you format the hard disk before using it for the first time.
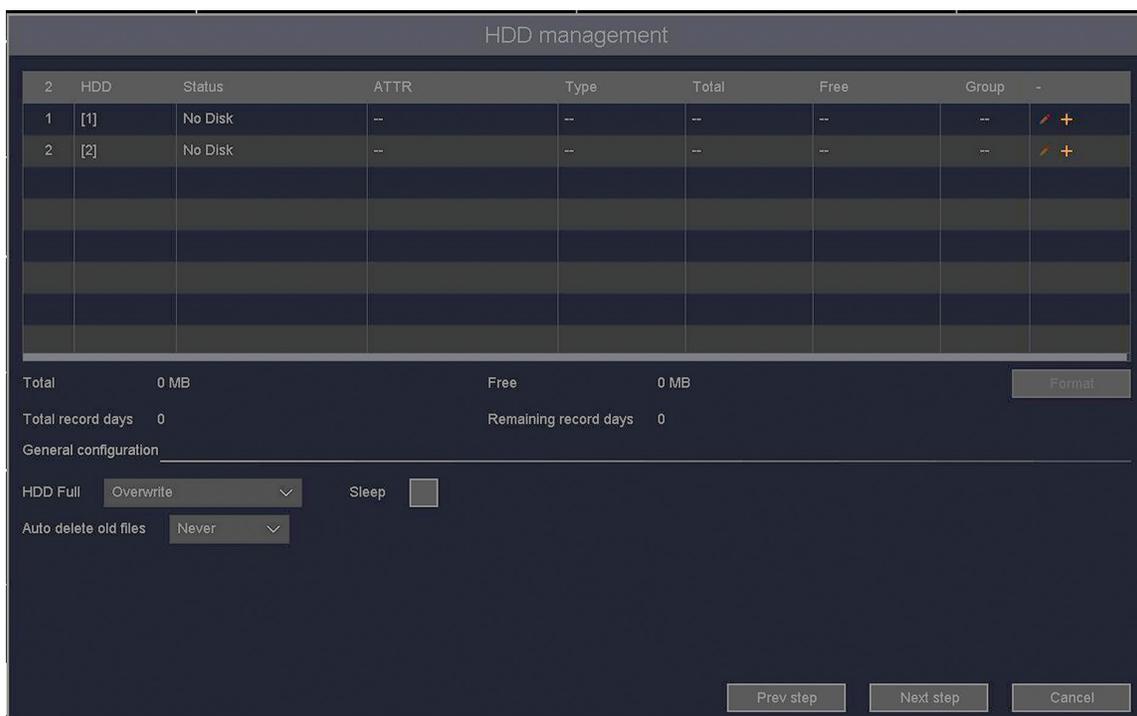
# 9. Startup Wizard: Network Parameters

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.
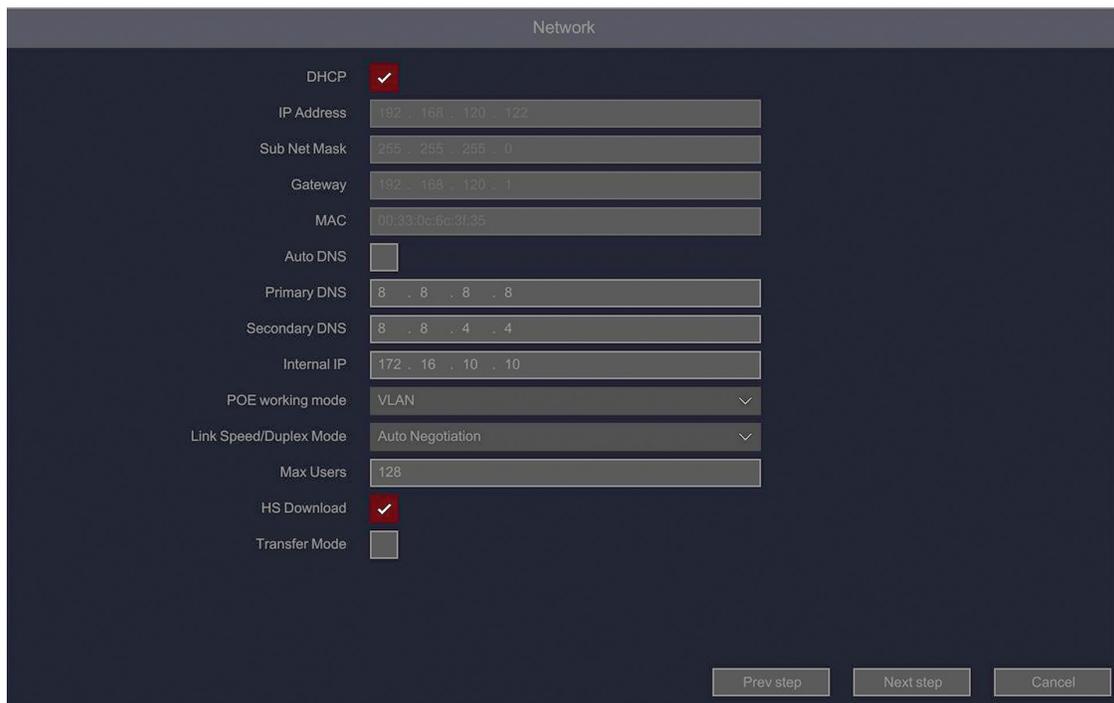
Network	
DHCP	☑
IP Address	192 . 168 . 120 . 122
Sub Net Mask	255 . 255 . 255 . 0
Gateway	192 . 168 . 120 . 1
MAC	00:33:0c:6c:3f.35
Auto DNS	☐
Primary DNS	8 . 8 . 8 . 8
Secondary DNS	8 . 8 . 4 . 4
Internal IP	172 . 16 . 10 . 10
POE working mode	VLAN
Link Speed/Duplex Mode	Auto Negotiation
Max Users	128
HS Download	☑
Transfer Mode	☐

Prev step — Next step — Cancel

10. Startup Wizard: P2P Connection

Cloud (P2P) Settings: Once connected successfully, you can access the NVR preview on your smartphone.

1. Select the Enable checkbox.
2. Wait for the Status to update to Connected (assuming your network connection is stable).
3. Use your smartphone to scan the QR code and download the mobile client (available for iOS or 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 on the added device in the mobile client to view a real-time preview of the cameras.
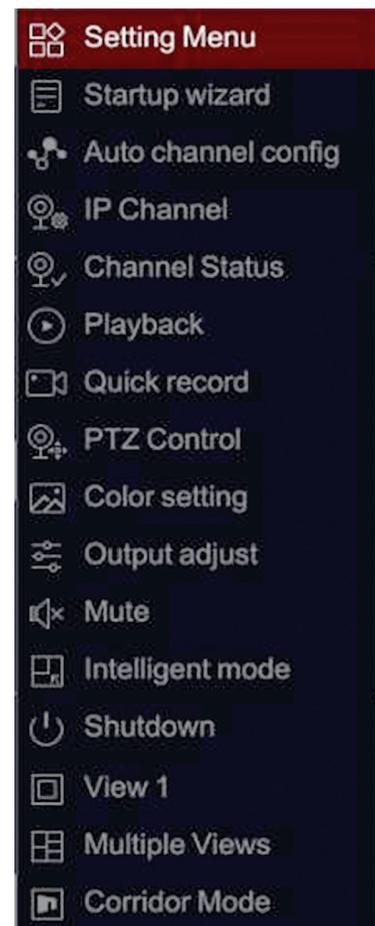
[NOTE] For detailed configuration instructions in the mobile client, please consult the app user manual. When viewing live previews in the app, it is recommended to use the sub-stream instead of the main stream to improve video display speed and reduce mobile data consumption.

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Cloud

Enable ☑

Status   Connected

IE Web   https://web.inaxhs.com

Operation   Unbind Account

Cloud ID

VerificationCode

Please scan the QR code below to download the mobile client.

Please use the mobile client to scan the code to add a device.

iPhone   Android   Cloud ID

Prev step   OK
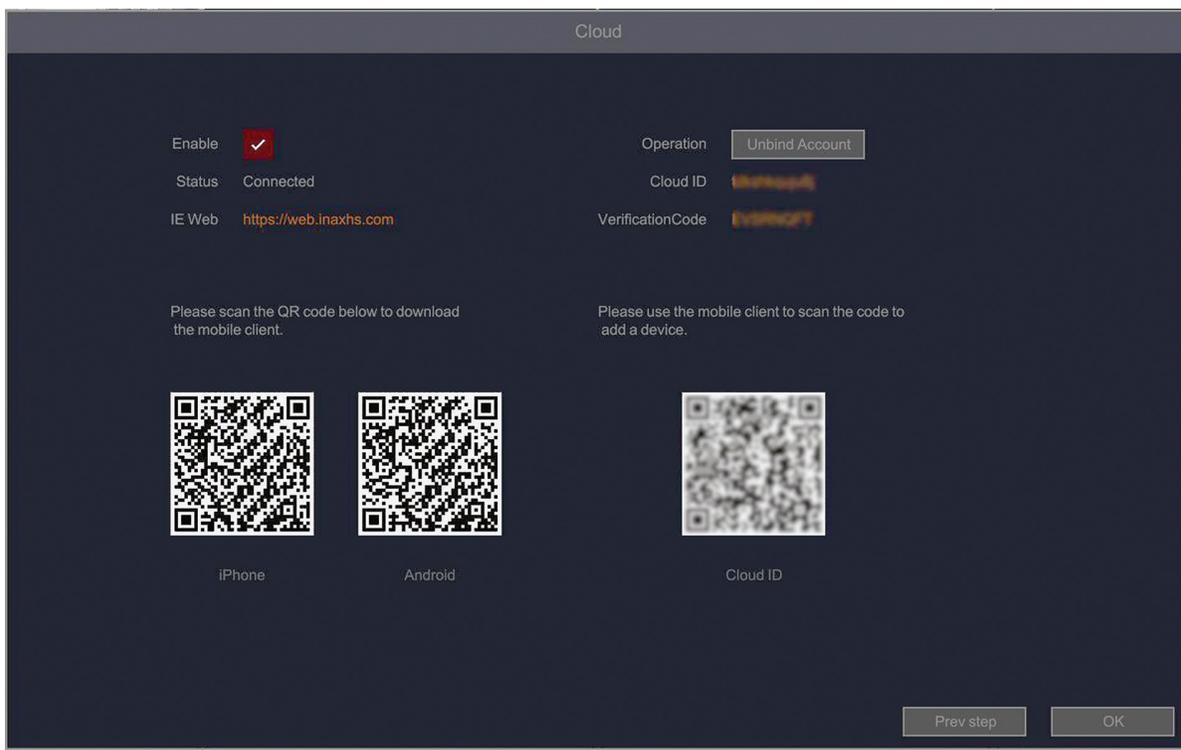
11. Shortcut Menu

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

- **Settings Menu:** Access all NVR functions and settings.
- **Startup Wizard:** Open the startup wizard.
- **Auto Channel Config:** Automatically search for and add compatible IP cameras.
- **IP Channel:** Configure IP camera connections.
- **Channel Status:** View the status of connected channels.
- **Playback:** Quickly access playback functions.
- **Quick Record:** Enable or disable recording with a single click.
- **PTZ Control:** Access pan-tilt-zoom (PTZ) controls.
- **Color Settings:** Adjust the camera's color settings.
- **Output Adjustment:** Modify display output settings.
- **Mute:** Turn off audio output.
- **Intelligent Mode:** Display captured images of faces, portraits, or vehicles on the right side of the preview interface when enabled.
- **Shutdown:** Shut down, restart, log out, or switch users.
- **View:** Switch between preview channels.
- **Multiple View:** Configure split-screen viewing modes.
- **Corridor Mode:** Switch to a corridor view layout.

Setting Menu
Startup wizard
Auto channel config
IP Channel
Channel Status
Playback
Quick record
PTZ Control
Color setting
Output adjust
Mute
Intelligent mode
Shutdown
View 1
Multiple Views
Corridor Mode

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12. Camera Connection

Option 1 : Connect Cameras via the PoE Port

The NVR's PoE ports are pre-configured with internal IP addresses to manage connections. When cameras are connected to the PoE ports, their video feeds will automatically populate in the order in which the cameras are connected.

Steps :

1. Connect the IP camera's network cable to the NVR's PoE port.

Option 2 : Connecting Cameras from the LAN

You can also connect cameras from the LAN if the IP cameras are within the same IP range as the NVR.

Steps:

1. Ensure the NVR is properly connected to the LAN, and verify that the IP cameras are in the same IP range as the NVR.

2. Navigate to Setting Menu > Camera > Cameras

3. Click the Search button to scan the network for compatible IP cameras.

4. Select the desired channel position from the top window.

5. Change the connection type by clicking the pencil icon, switch UPnP to Manual, and then click OK.

6. Double-click the IP camera address you want to add to assign it to the selected channel position.

[NOTE] If the camera does not load into the selected position after double-clicking, click the red 'X' to delete the connection information, then double-click the IP address again to add it.
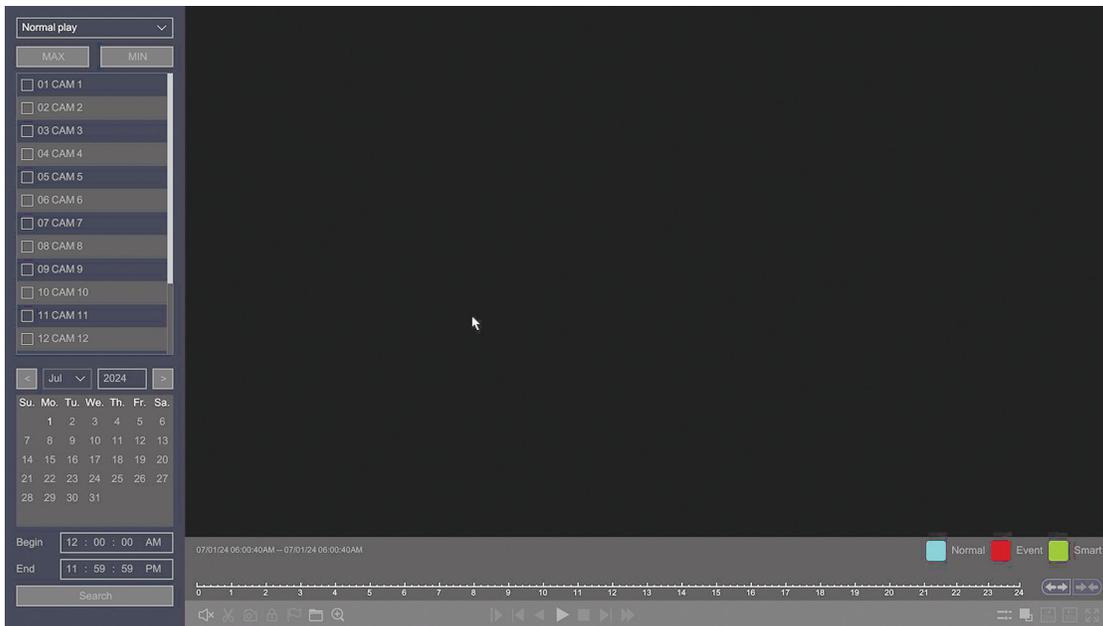
Open the Quick Menu and choose Playback to enter the playback interface.

Choose the playback type from the drop-down menu in the top left corner; six playback types are available.

- Smart Playback
- Normal Playback
- Segmented Playback
- Tagged Playback
- Event Playback
- Picture Playback

Select the desired channel and date.

Click the play icon to start video playback.

Use the control bar to pause, speed up, slow down, reverse and stop.
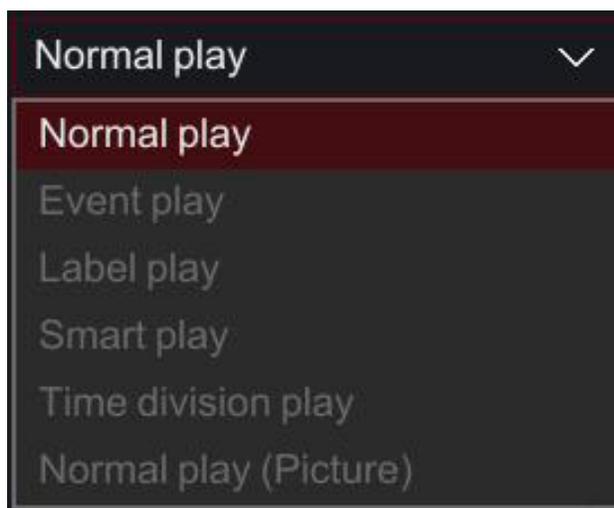
14. Backup Settings

Open the Settings menu and select the Backup option at the bottom. This allows you to back up videos, pictures, event videos, and event pictures.

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

2. Set the video File Format before initiating the search.

3. Connect a USB device with adequate free storage space.

4. Select the video files you wish to back up and click Start to begin the backup process.

[NOTE] If the USB device is not detected, click Detect to locate it.
[NOTE] If the USB device does not have enough free space, click Format to erase its contents.
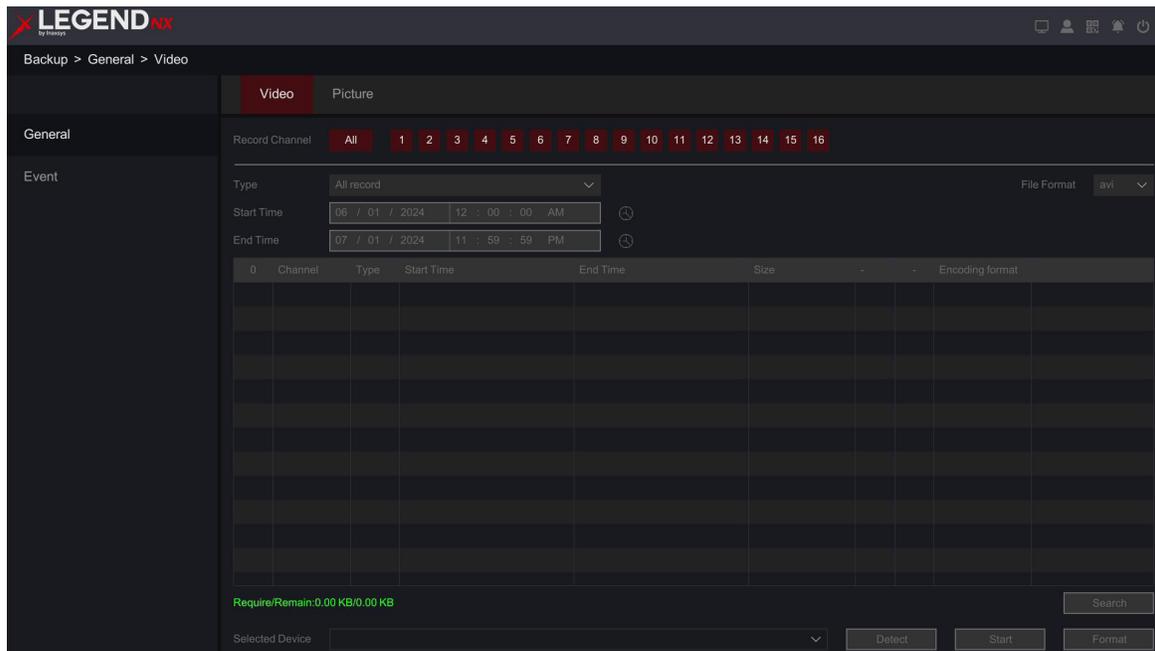
This symbol is meant to notify users of critical operations and maintenance instructions in the product documentation.

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 NVR's operating temperature and environmental conditions. Refrain from using the NVR 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 NVR 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 NVR'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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