Manuals+ — User Manuals Simplified.

Zintronic NVR Network Recorder

Zintronic NVR Network Recorder User Manual

Contents

Zintronic NVR Network Recorder

Product Information

Specifications

- **Model:** Zintronic NVR
- **Input Voltage:** 12V or 48V
- **Support Email:** support@zintronic.pl
- **Phone Number:** +48 (85) 677 70 55
- **Address:** K. Modzelewskiego 2 15-535 Bialystok, Poland

Product Usage Instructions

Product Precautions

1. Use an appropriate power source with input voltage of 12V or 48V.
2. Handle the equipment with care and avoid improper handling or storage.
3. Use recommended hard disks for storage media to prevent irregularities.
4. Protect the recorder from weather conditions to avoid damage.
5. Avoid using strong or abrasive cleaners on the recorder housing.
6. Avoid overloading the power supply by connecting several devices.
7. Avoid placing the recorder near devices emitting strong electromagnetic fields.
8. Ensure the plug is well connected to the electrical outlet.

Startup of the Recorder
Use a suitable power adapter and connect it to the device's power plug. Wait a few minutes for the startup process to complete.

Restore Factory Settings
To restore factory settings, connect the power supply, start the recorder, go to Configuration, then System, and select Restore factory settings.

Drive Installation

1. Ensure the recorder is disconnected from the power source.
2. Remove the screws from the case and locate the pod bag with disk screws from the accessory box.
3. Screw the drive into the designated place and connect it using SATA cables.

FAQ

- **Q: How can I access cloud services on the NVR interface?**

    - A: To set up cloud access, navigate to the NVR interface and follow the instructions provided in the user manual section on setting up cloud access.
- **Q: Can I clean the recorder housing with strong cleaners?**
    - A: Avoid using strong or abrasive cleaners on the recorder housing. Clean it with a damp cloth, and if necessary, use a mild detergent gently.

User manual version 1.1

This manual relates to Zintronic NVR. The latest version of the manual is available for download at: www.zintronic.com

✉ **support@zintronic.pl**

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15- 535 Bialystok, Poland

Introduction

Thank you for choosing Zintronic NVR, which provide high quality CCTV surveillance service through the use of the latest technologies. In this user's manual you will find full instructions for the NVR and their dedicated programs and applications.

Product precautions

1. Use an appropriate power source.

   The input voltage of the recorders is 12V or 48V. Be sure to use only the original power supply included with the product or another with the above parameters. The device must be connected to a suitable power source. Improper connection of the equipment risks failure or damage.
2. Handle the equipment with care.

   Use according to the instructions. Avoid hitting the device, shaking it, etc. Improper handling or storage of the NVR may damage it.
3. Use of storage media – hard disk.

   Use only disks recommended for use with recorders. The use of other media may lead to irregularities in the recording of material on the hard disk.
4. Protection from the weather.

   The connection cables of the recorder, as well as the recorder itself, should be protected from the weather, i.e. rain, snow or moisture. Improper protection can lead to permanent damage to the equipment and loss of service warranty.
5. Recorder operating environment.

   The recorders are designed for use in environments with temperatures between -10°C-+55°C and humidity of 10%-90% without condensation.
6. Don't use strong or abrasive cleaners to clean the recorder housing.

   If the case is dirty, clean it with a damp cloth. If the dirt is resistant, use a mild detergent and wipe gently.
7. Don't connect several devices to one power supply.

   Overloading the power supply may cause overheating leading to damage or even cause a fire hazard.
8. Don't place the recorder in areas of interference.

   If the NVR is installed near devices that emit strong electromagnetic fields, such as wireless communication devices, it may lead to the occurrence of some irregularities in the operation of the camera.
9. Make sure the plug is well connected to the electrical out let.

Startup of the recorder
Use a suitable power adapter and connect it to the device's power plug, then wait a few minutes for the startup process to complete.

Restore the recorder to factory settings
Connect the power supply. Start the recorder, go to "Conservation", then "Resume" and select "Restore factory settings".

Drive Installation

Make sure the recorder is disconnected from the power source. Remove the screws from the case. From the accessory box, remove the pod bag with the disk screws.
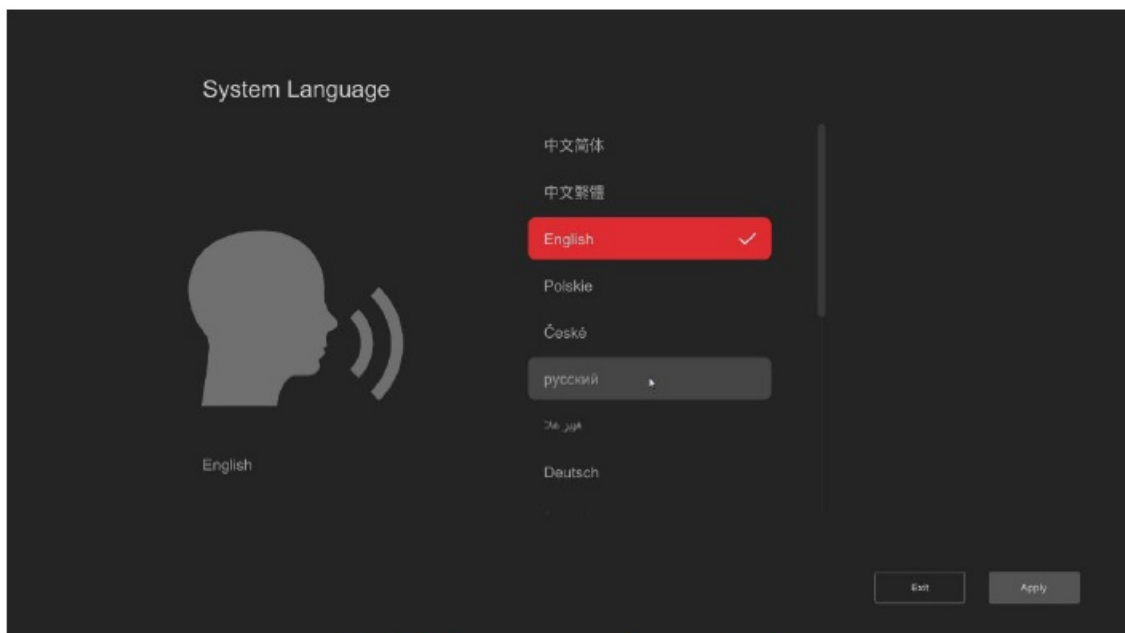

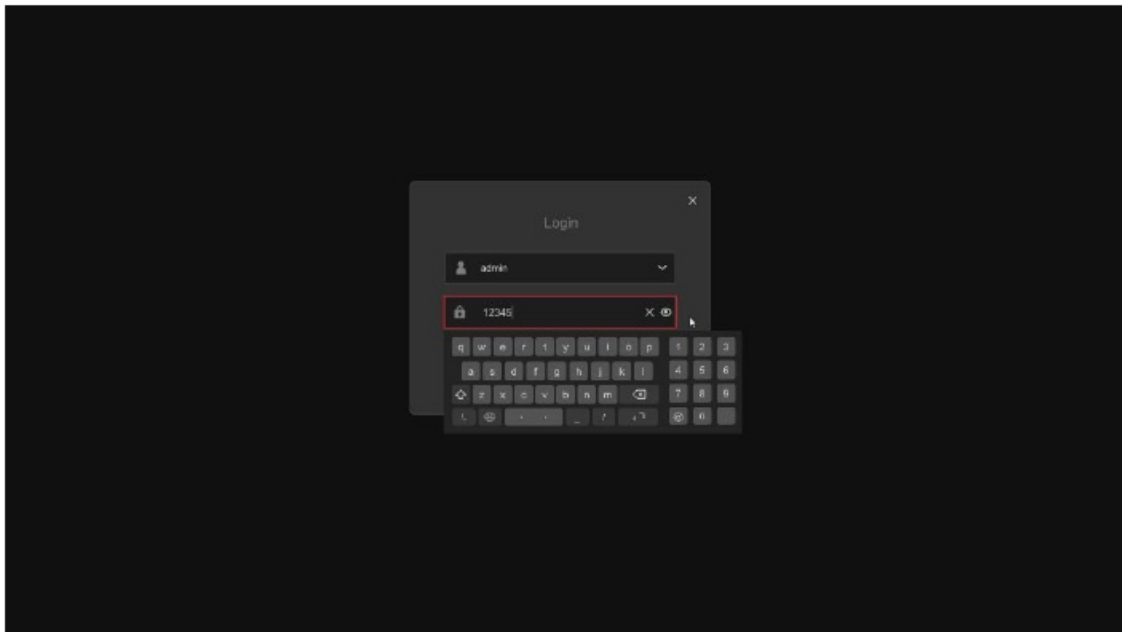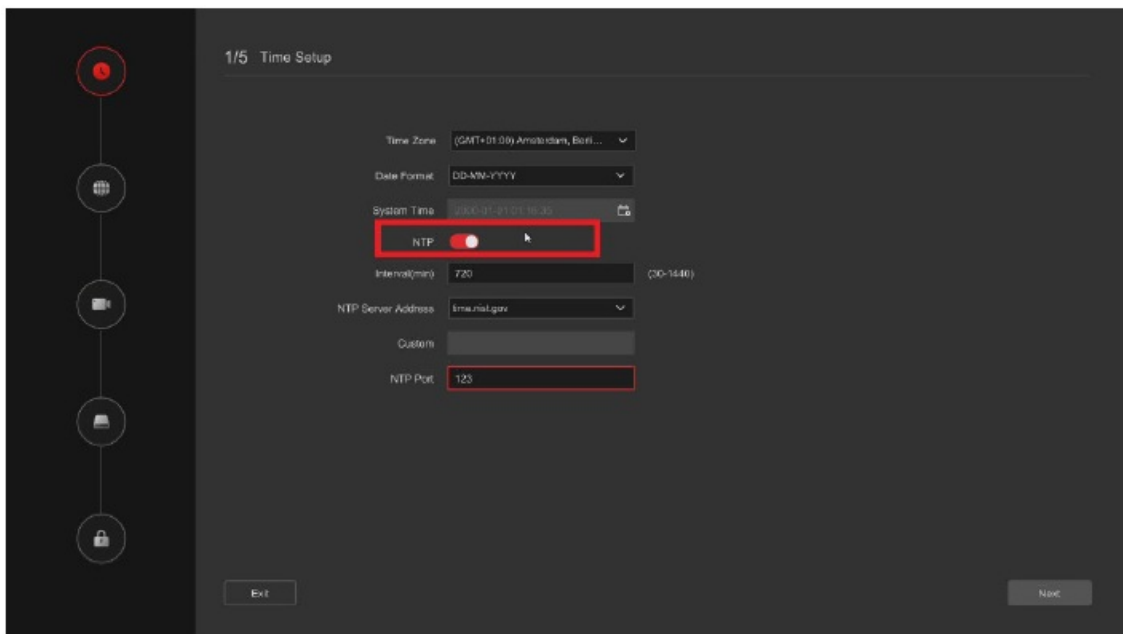Screw the drive with them in the designated place. Connect the drive with the designated SATA cables.

Screw the case back on.

Configuration of IP/PoE NVR connected to TV/ monitor

Select a language and press **Apply**.

In the login window, enter the default password 12345 and press Login.

Select the correct time zone and check the NTP option to synchronise the tim with the Internet, press Next.
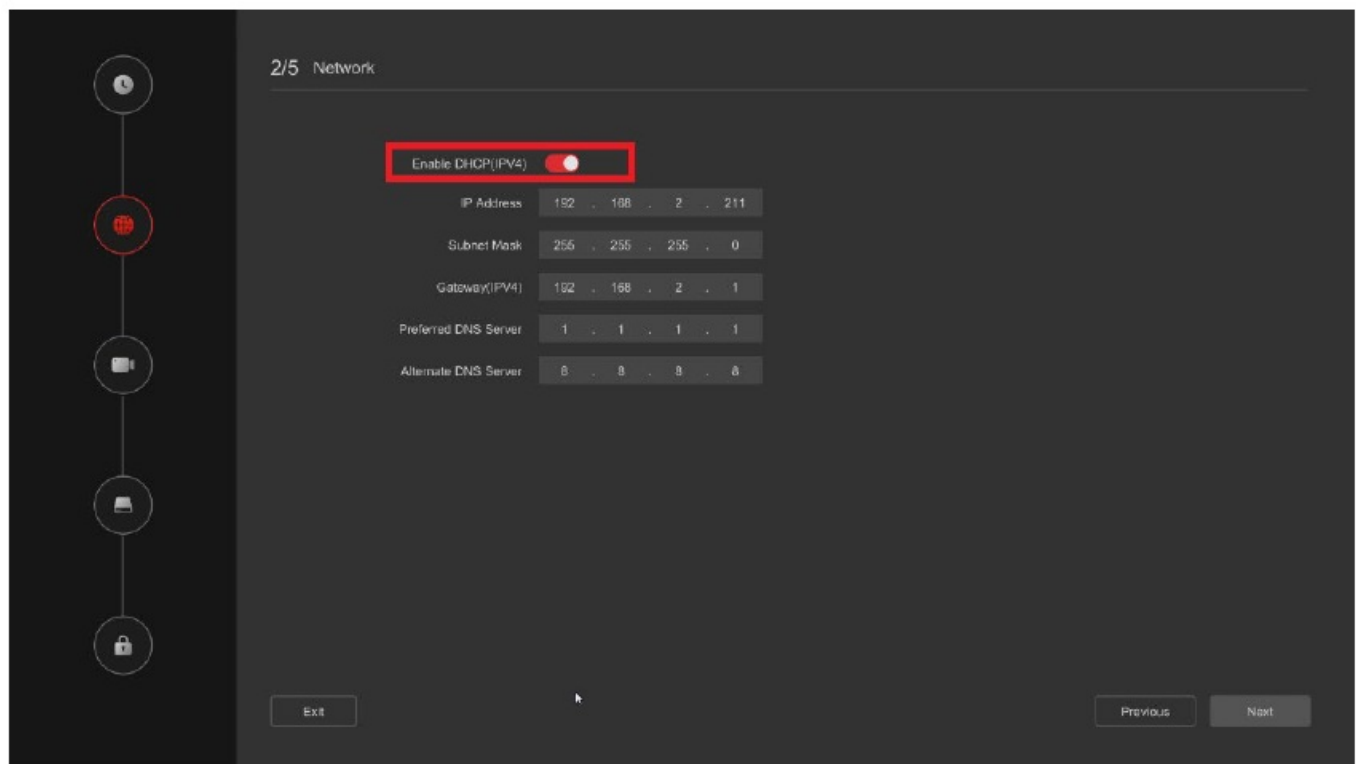
Ensure that the Enable DHCP option is enabled, press Next.

Press the Search button.

Added Device List

	Channel No.	IP Address	Device Name	Status	Protocol	Port	Operation
☐	CH1	192.168.2.223	IPCamera1	● Online	PRIVATE	80	⊙ ✎ 🗑

Online Device List (Remaining Bandwidth:77Mbps)

	NO	IP Address	Protocol	Port	Operation
☐	1	192.168.2.103	ONVIF	5557	⊞ ✎
☐	2	192.168.2.195	ONVIF	8080	⊞ ✎
☐	3	192.168.2.16	ONVIF	8080	⊞ ✎
☐	4	192.168.2.229	PRIVATE	80	⊞ ✎
☐	5	192.168.2.157	PRIVATE	80	⊞ ✎

Exit   Previous   Next
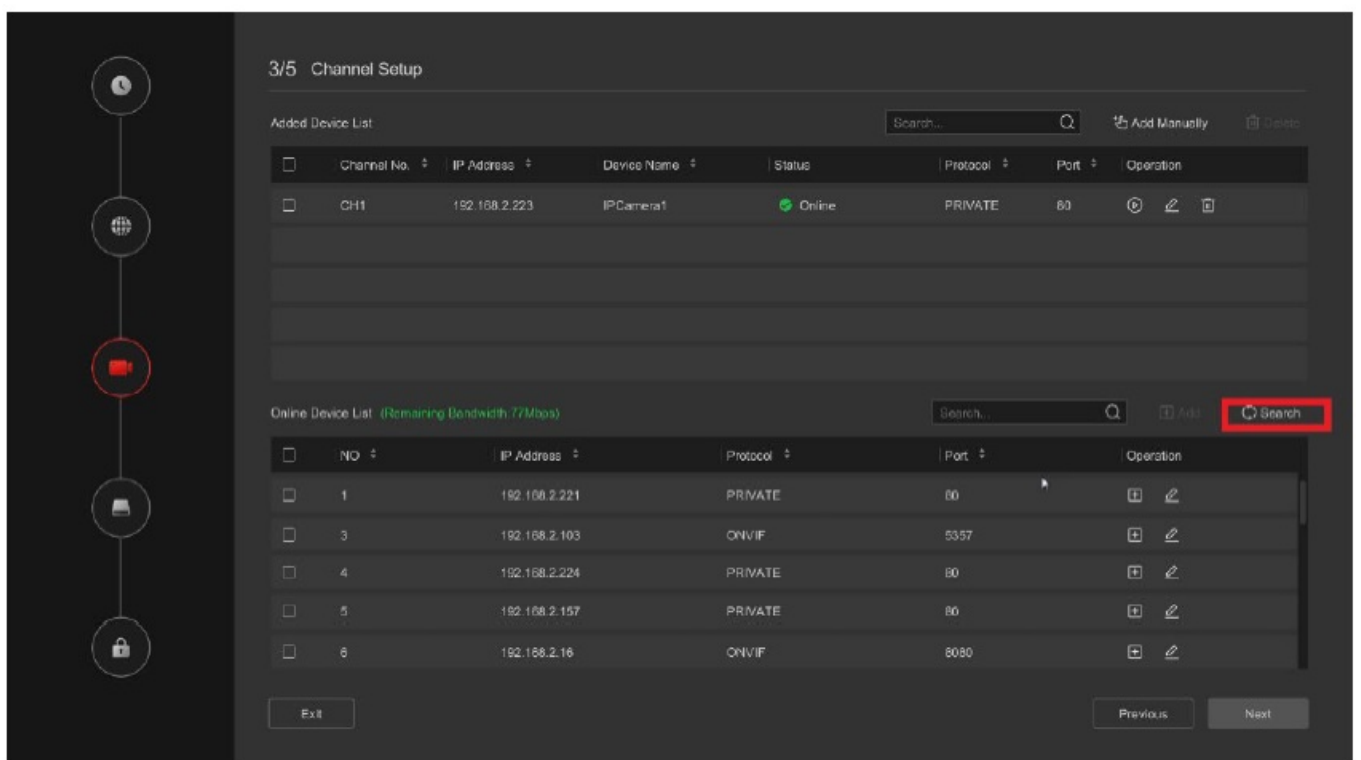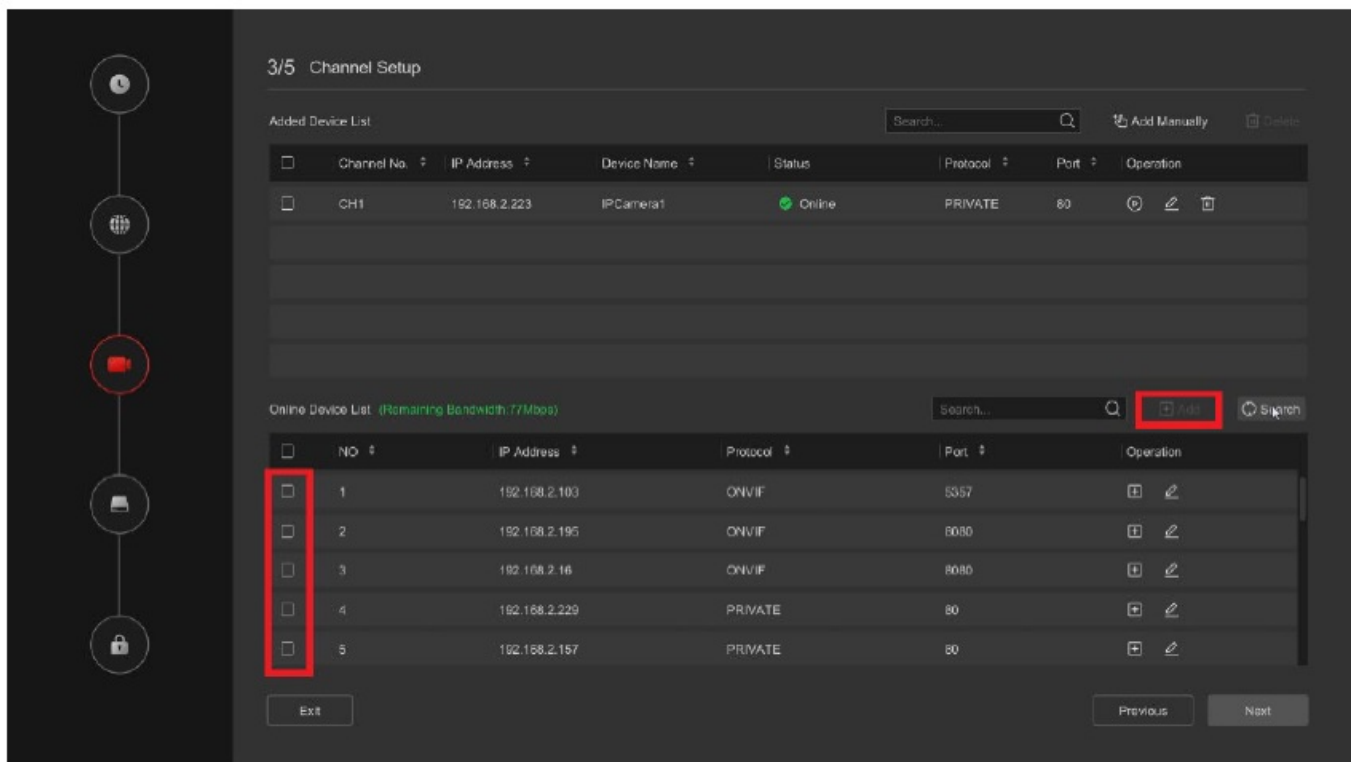
Select your cameras, press Add, then click Next

⟳ Refresh   🗄 Format

	NO	Status	Total Capacity	Free Space	Device Type
☑	1	R/W	488.39G	0G	SATA

⊘ Confirm   ✕

Formatting will result in the loss of video data in the
selected hard drive. Are you sure you want to continue?

Cancel   Confirm

Exit   Previous   Next
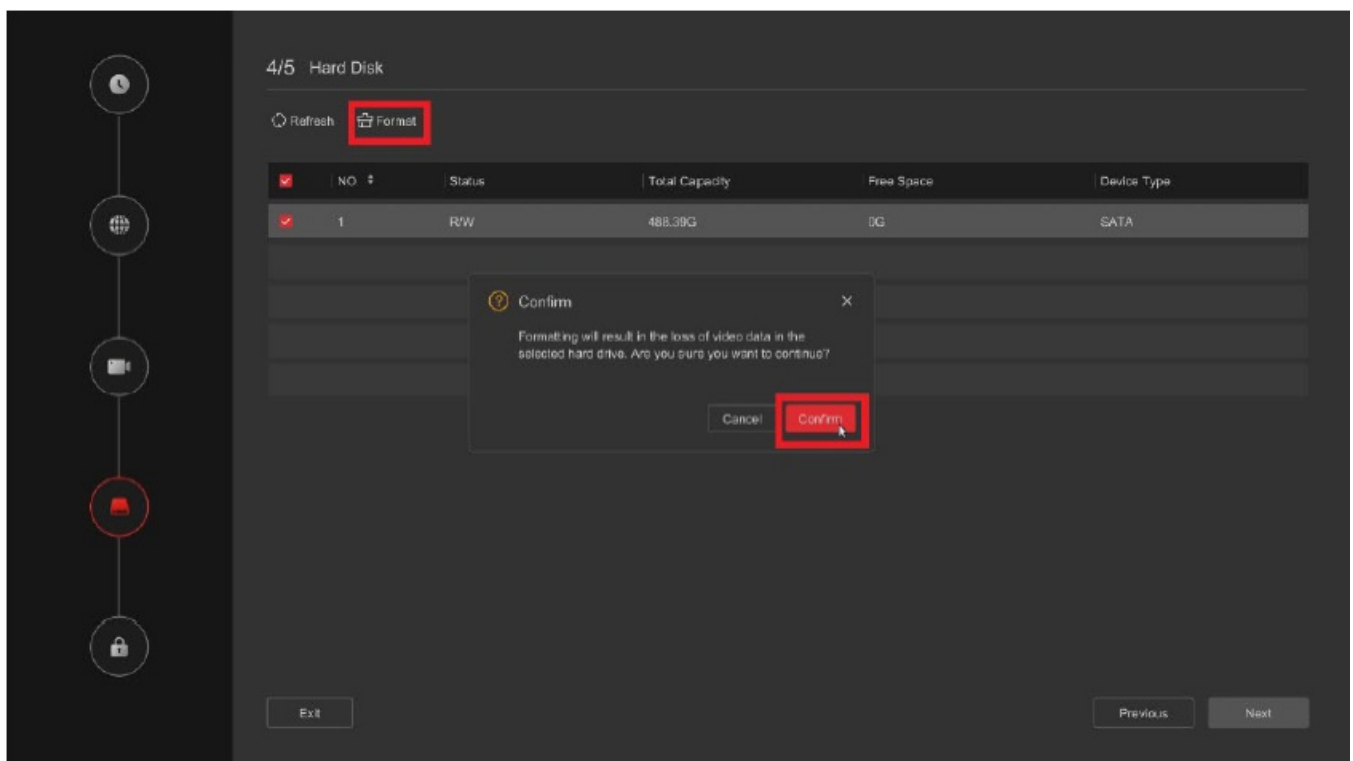
Select the hard drive and press Format, press Next.

Change the DVR password and set the support questions, then click Next.

Log in to the device again.
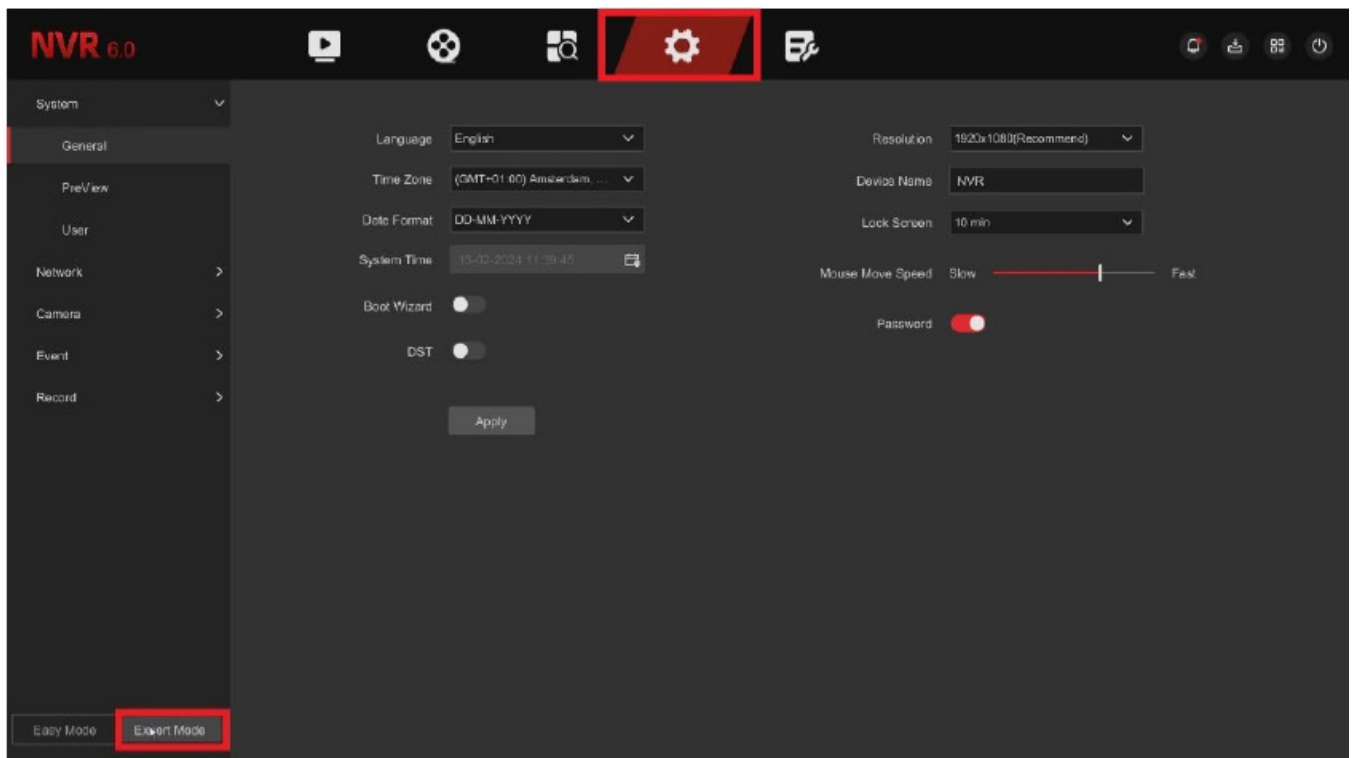
Go to Settings and click on Expert Mode.
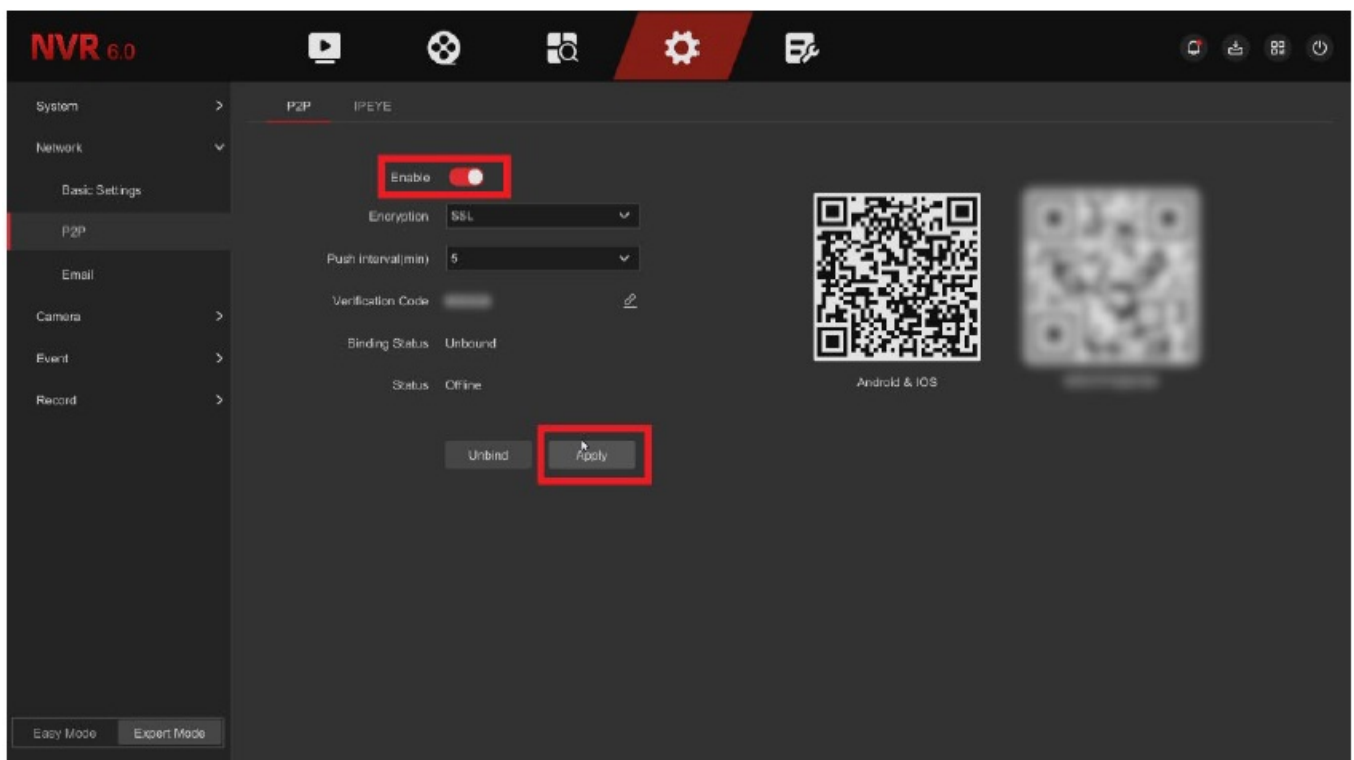
Go to Network, then Cloud Access, move the slider to Enable access, then click Apply to accept.

IP/PoE recorder configuration via web browser
Before starting the configuration, connect the recorder and the computer to the same network.

In SearchTool, find the recorder, note its IP address.
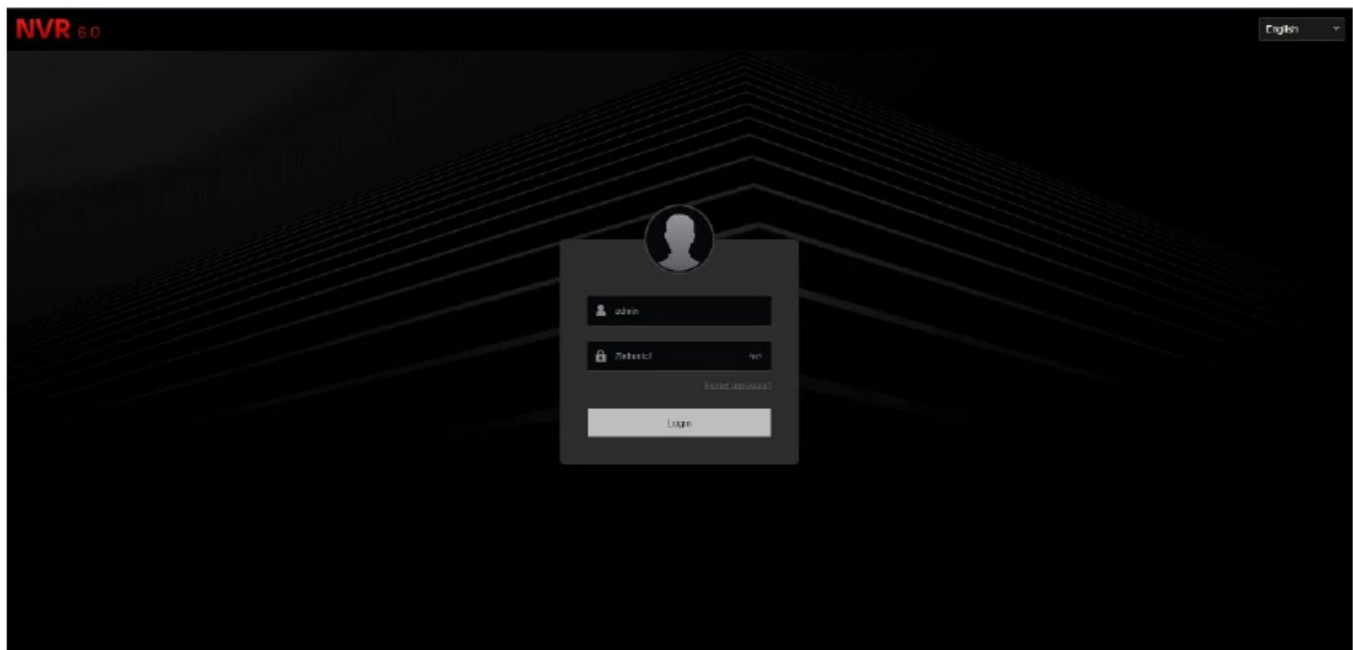
Type the IP of your registrar into the browser bar. Log in with your login and password.
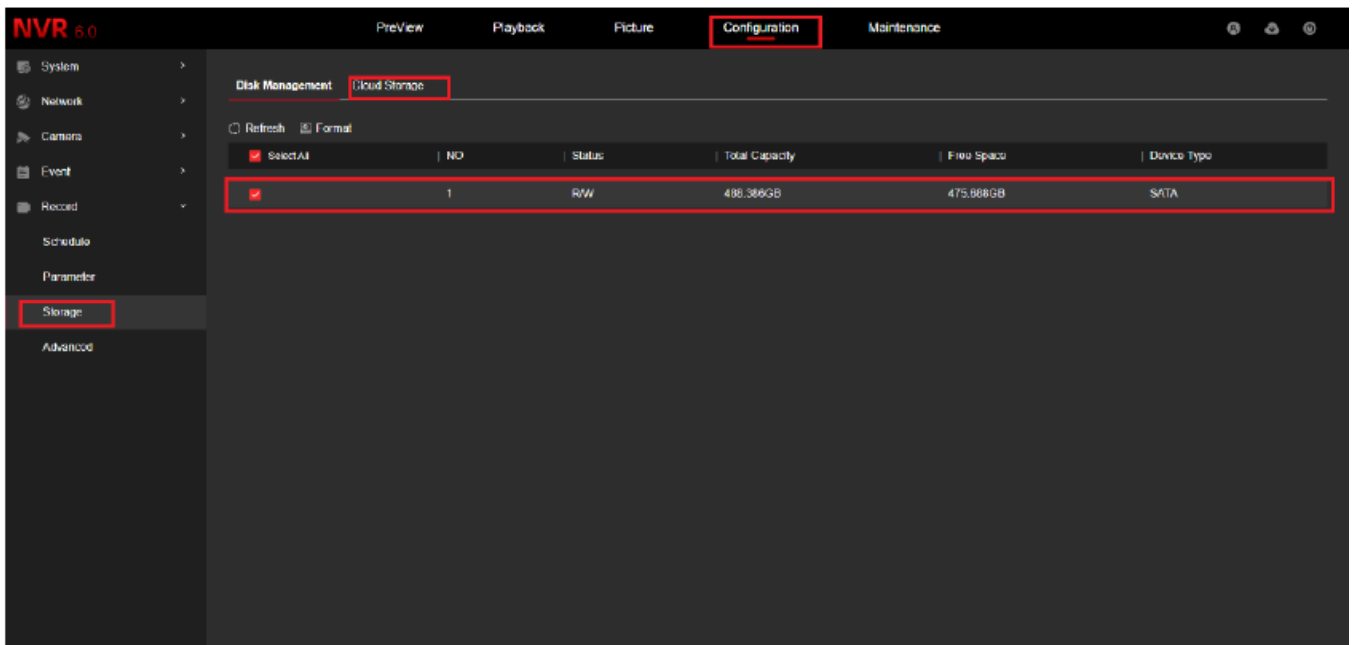
Go to Options>Storage Hardware>Disk management, select your drive and choose Format.
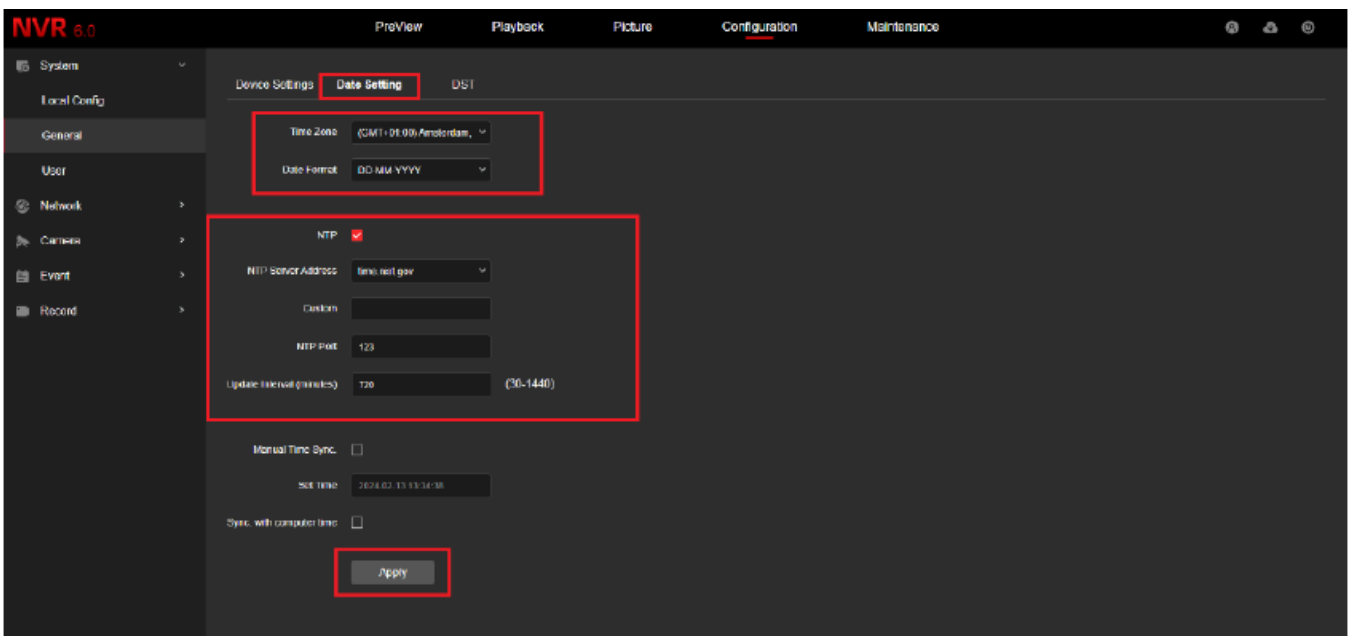
Go to Options, System, General, Date settings, enable NTP, set the time zone and select Apply.
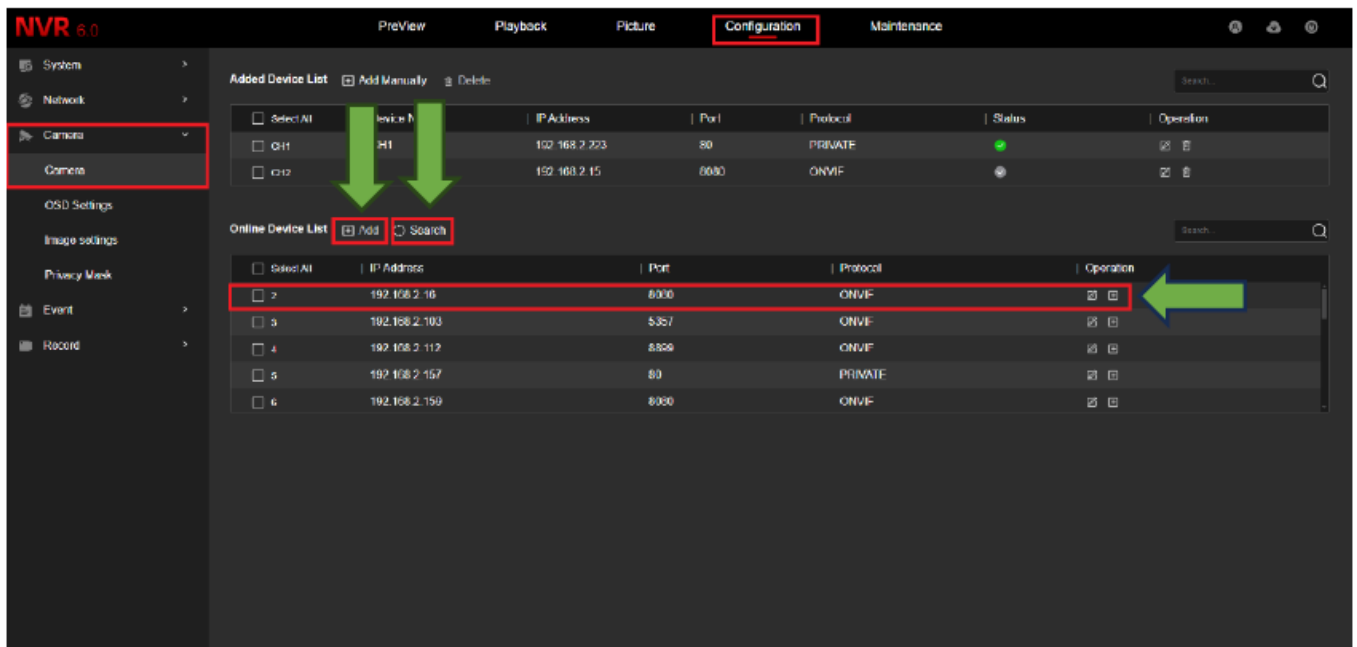
Go to Options, select Cameras, click on Search, then select from the list of cameras from the network that you want to add to the DVR, confirm by clicking Add
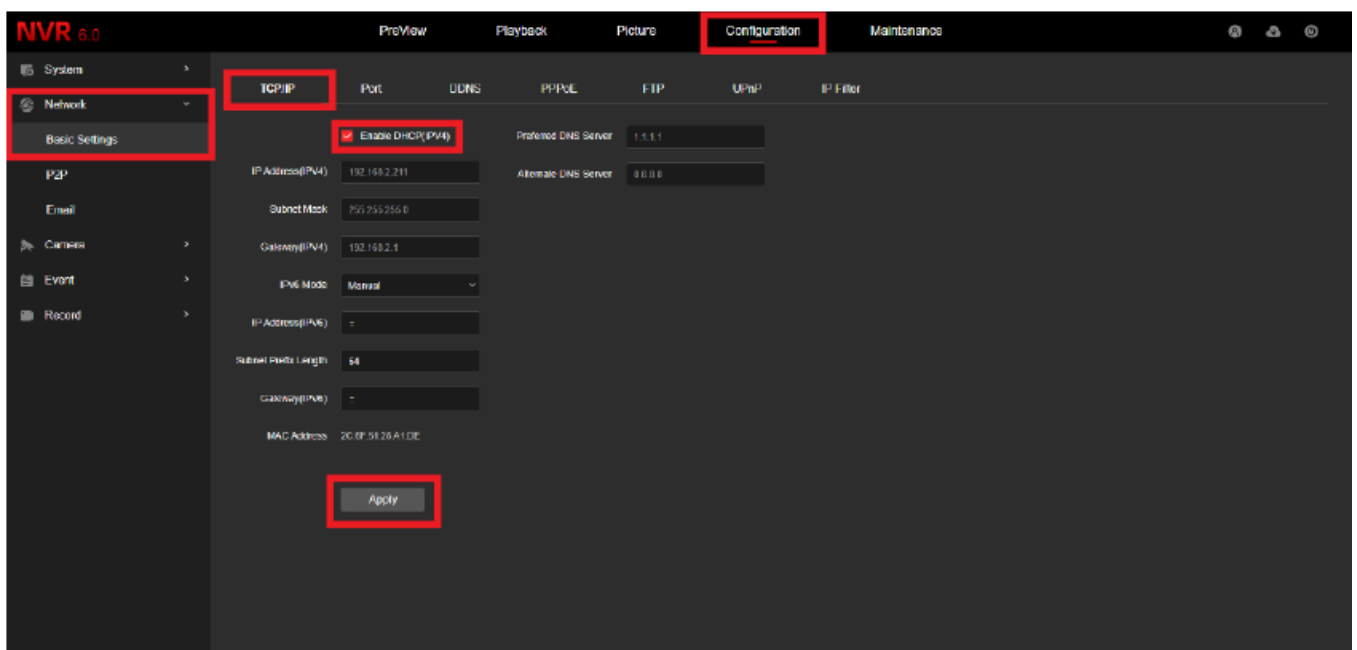
Go to the Options tab, select Network, then Basic Settings, check the box next to Enable DHCP, confirm by clicking on Application
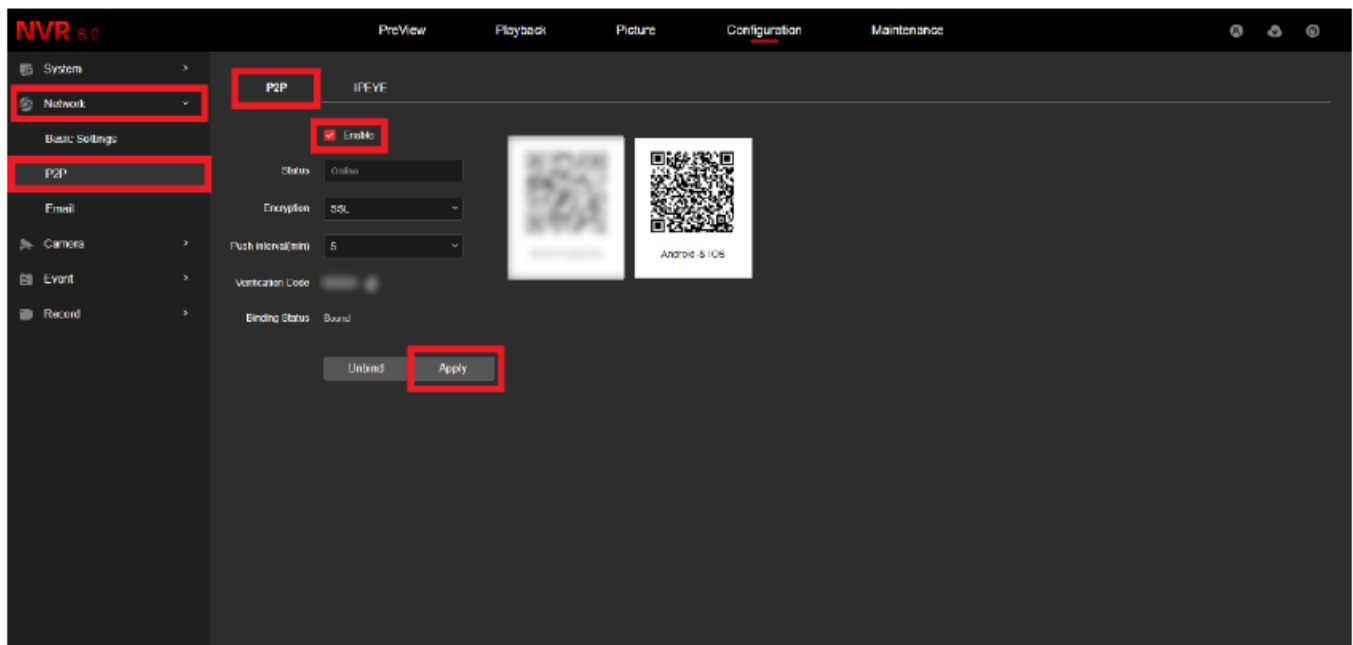
Go to the Options tab, select Network and P2P, check the box next to Enabl confirm by clicking Anolication.
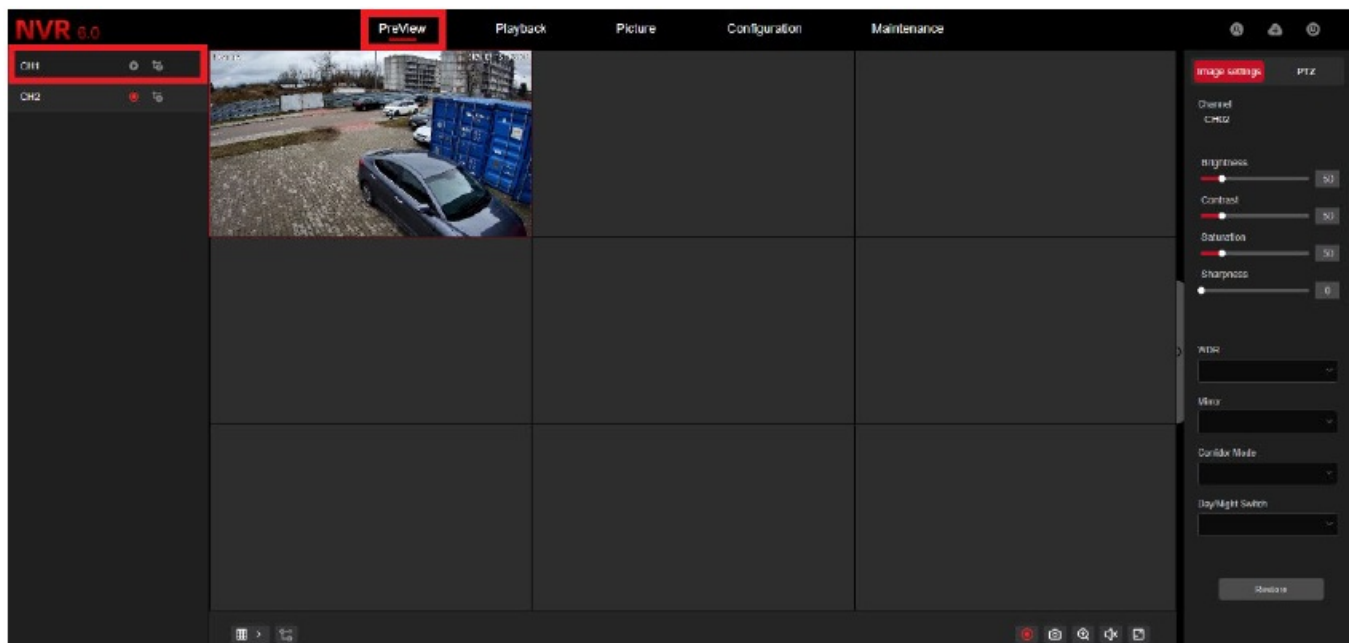
Go to Preview, start live preview.

Playback of recordings from the DVR using the NVR interface
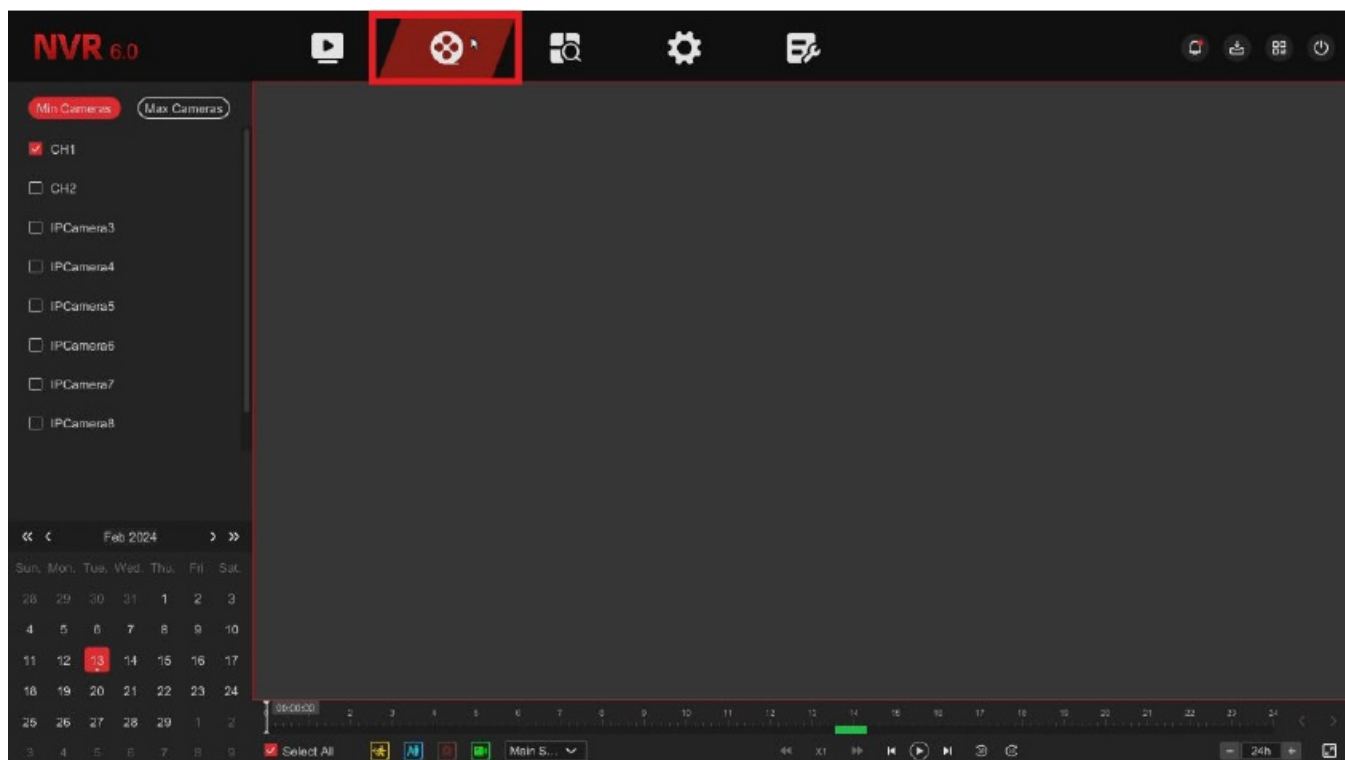
Go to the Playback Tab.

On the timeline, select: The Channel, the specific recording time and click Play.

Playback of recordings from the DVR using a browser
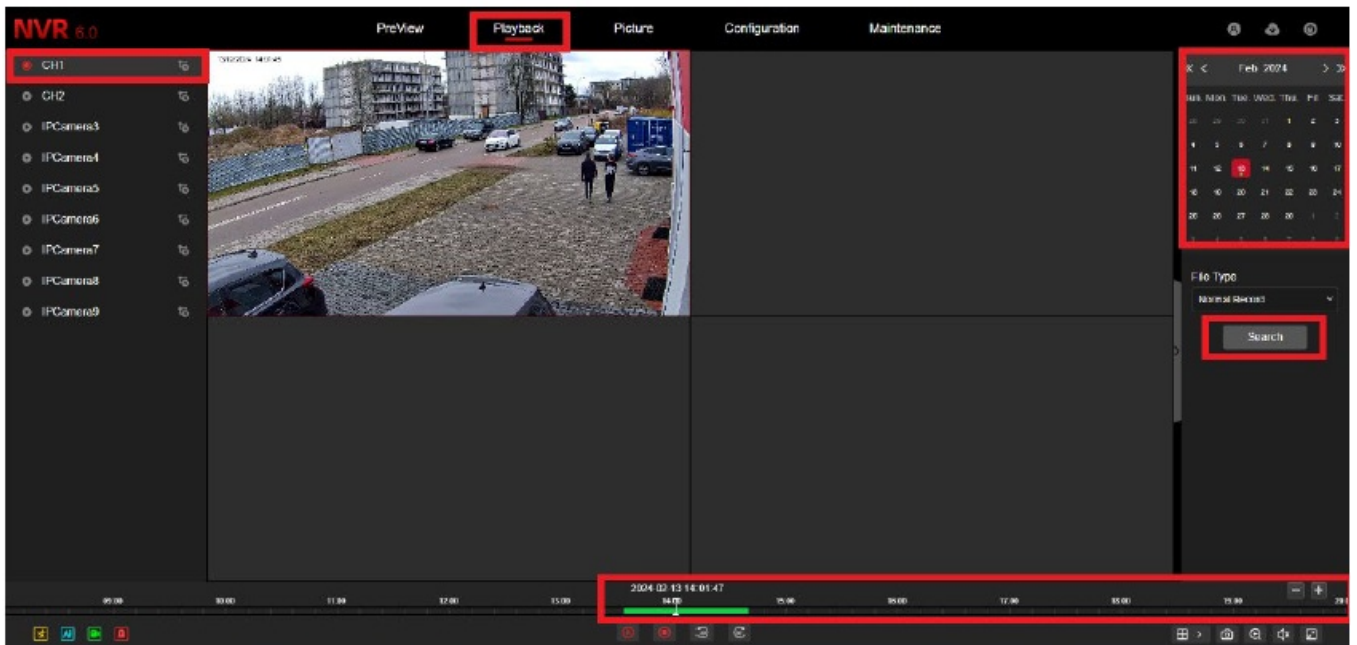
Go to the Playback Tab, select the channel from which you want to watch the recording, from the calendar in the upper right corner select the date of the recording, click search.
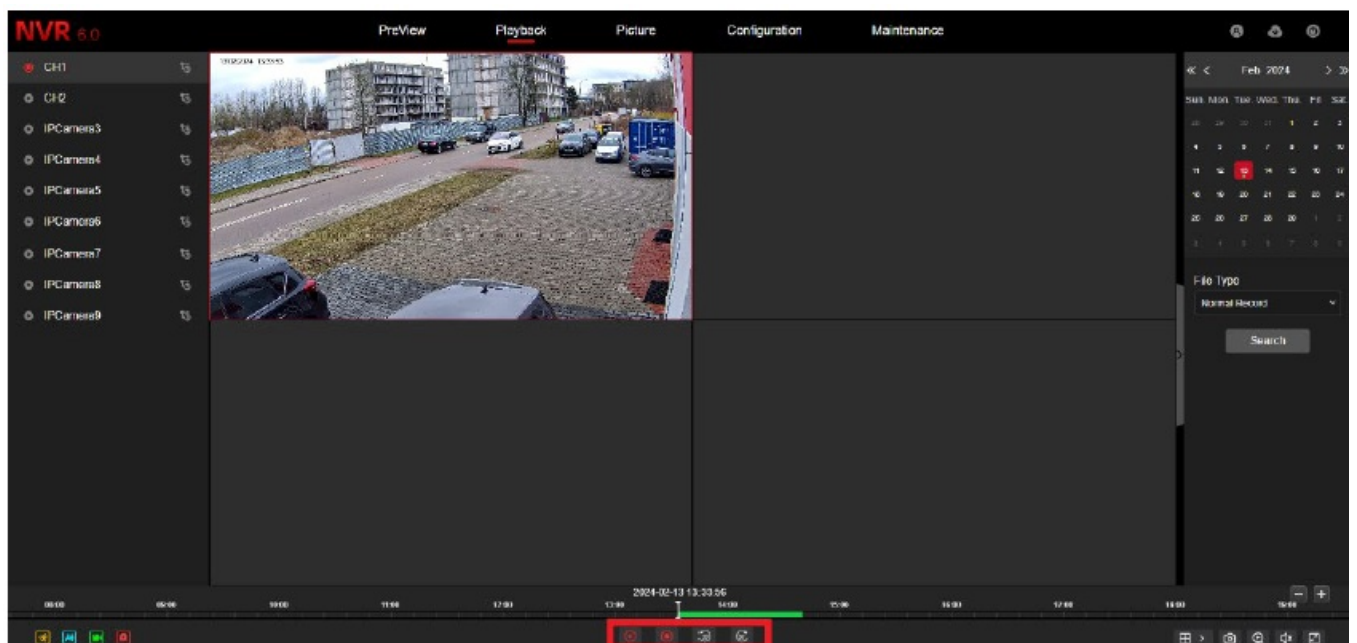
Click on Search, a Timeline With Recordings from a particular DVR channel will appear at the bottom, click Play and play the recording.

Download recordings from the disk via the browser
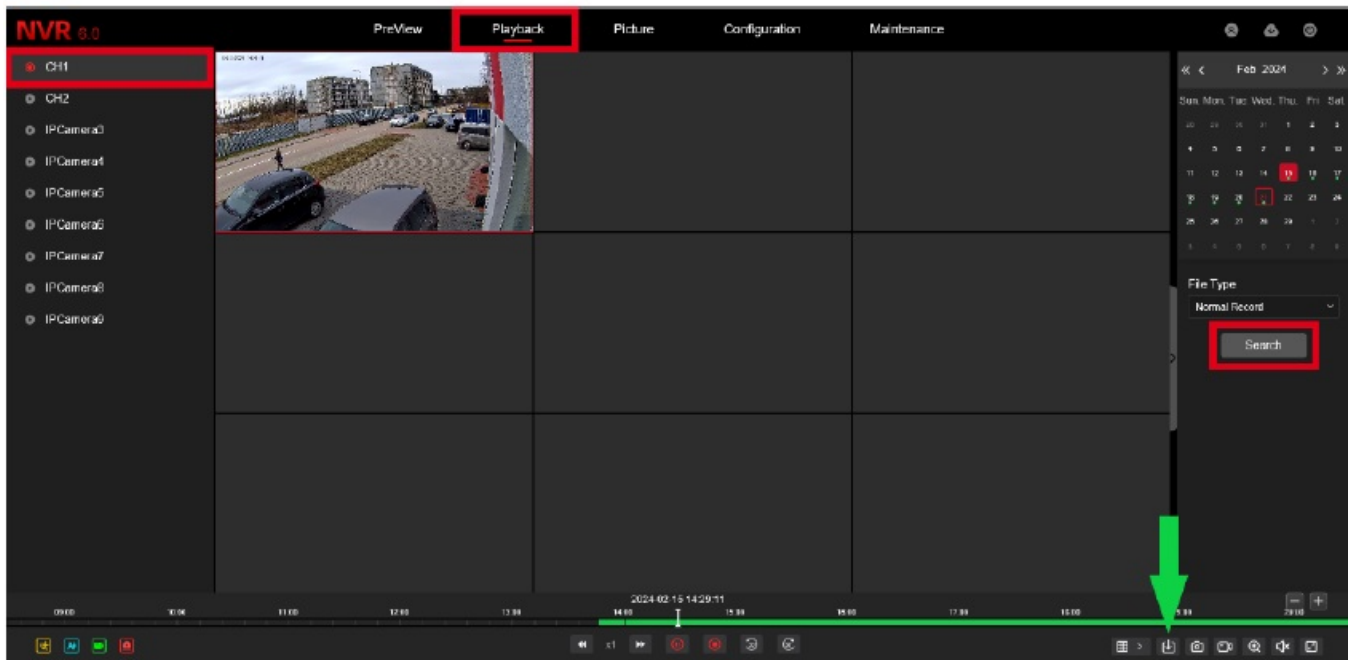
Go to the Playback tab, select the NVR channel, click Search then select the download icon (marked with an arrow) from the bottom bar.
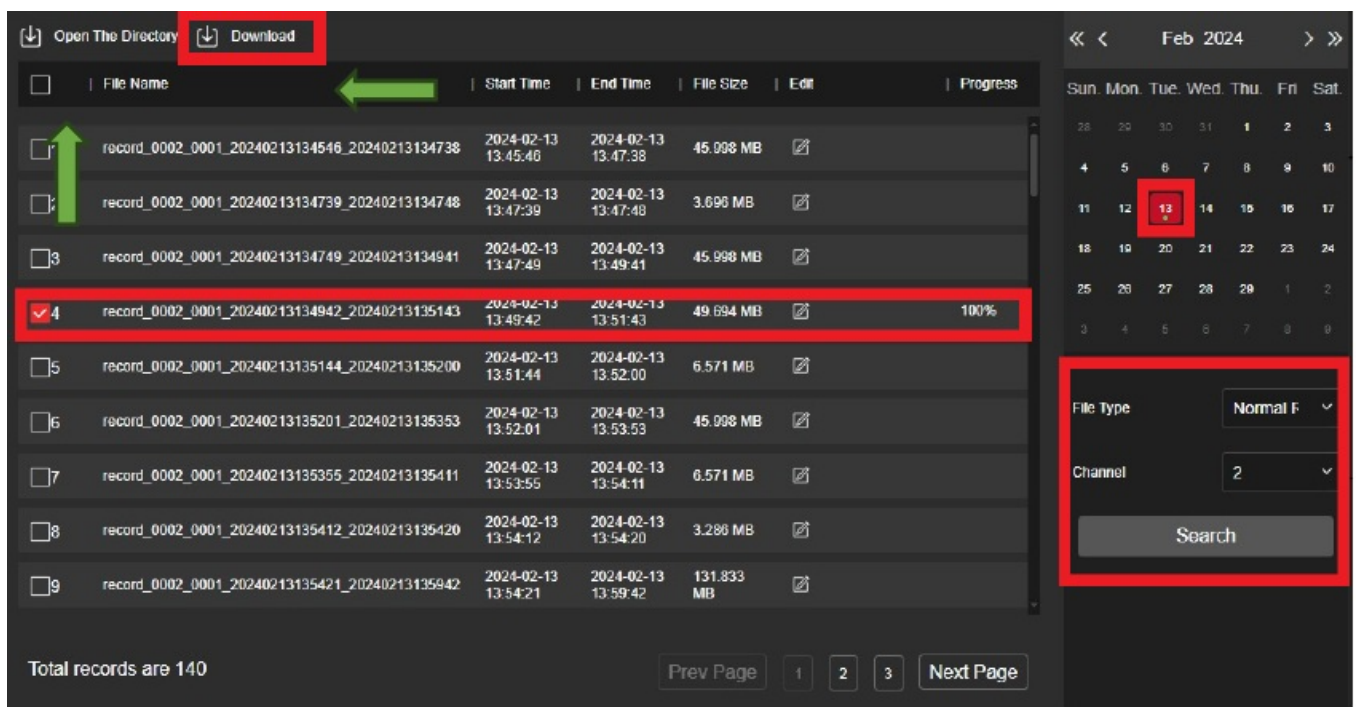
In the newly opened tab, select the day, recording type, channel and click on Search. Once you have found the recordings, tick the box next to the recording you want to download on the left and click on Download, click on Open folder to find the recording you have saved.
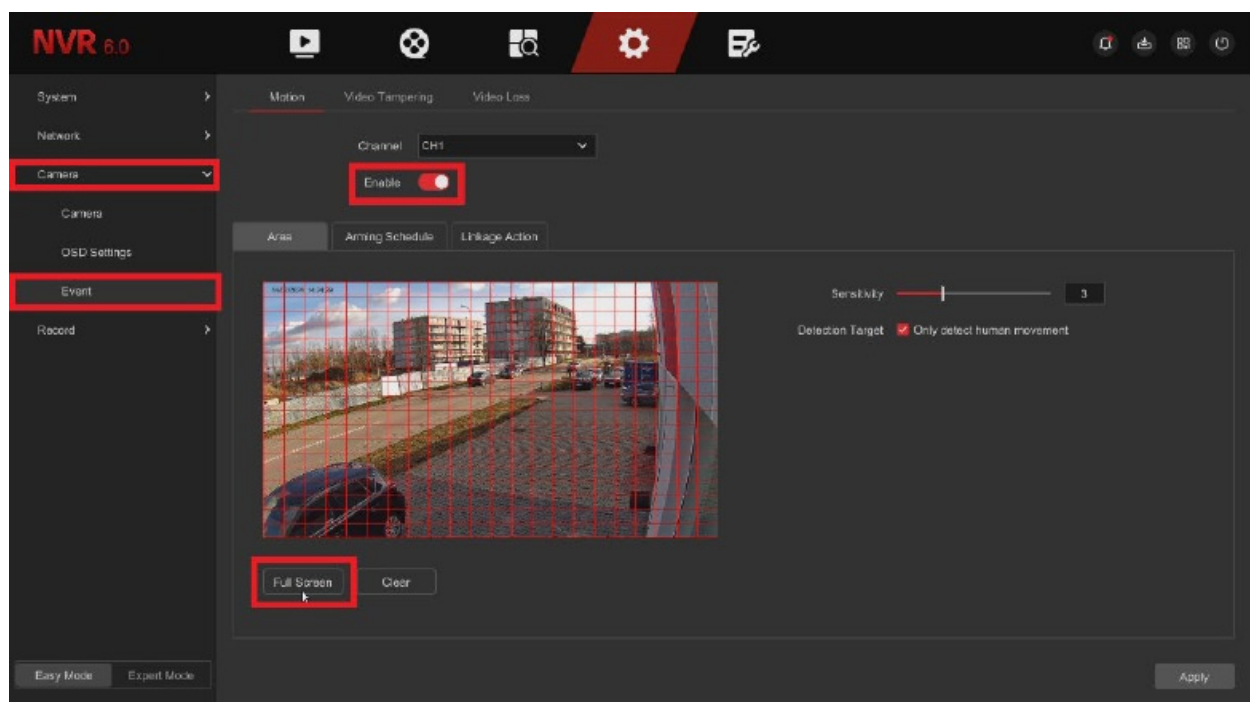
To enable regular events, go to Settings, click the Events tab, then move the slider to Enable motion detection, set the detection area and then click Apply in the bottom right corner.
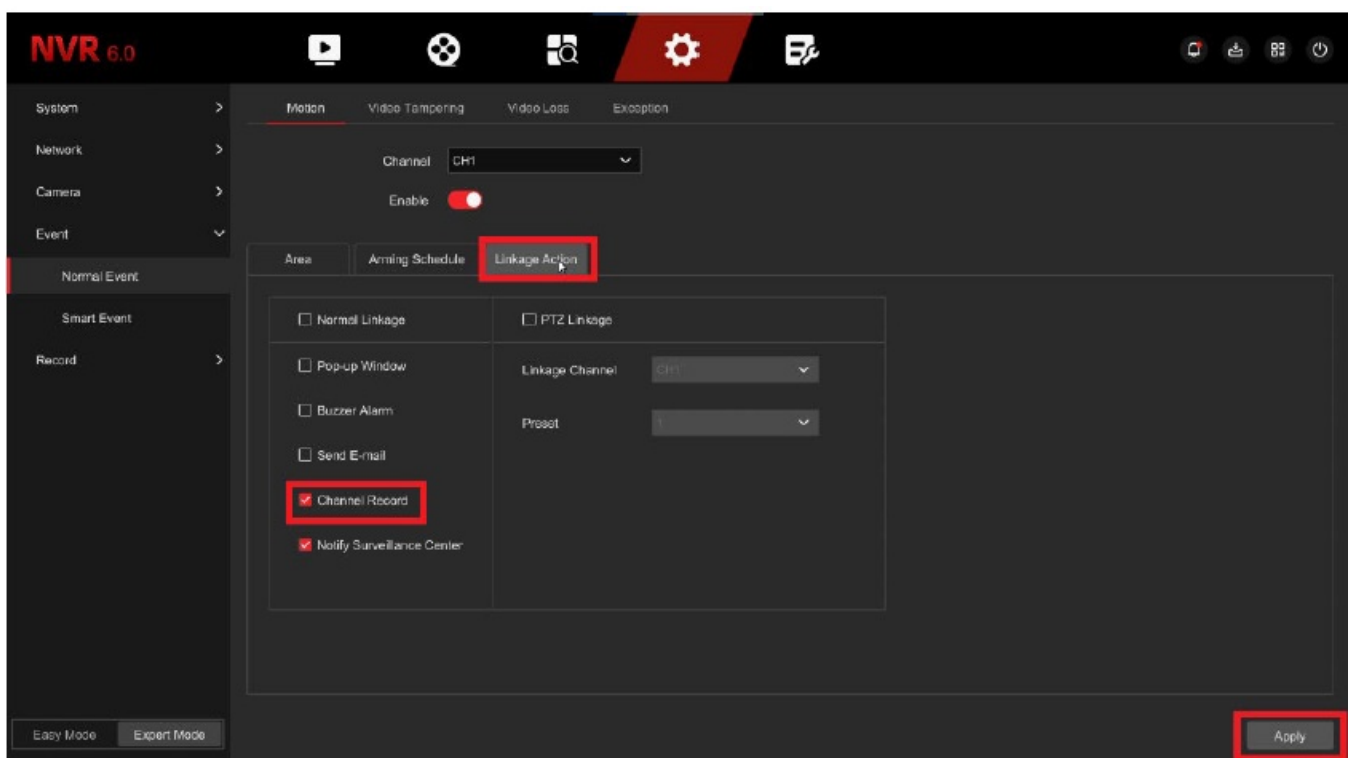
Make sure that the option Enable recording is ticked in the Link actions section
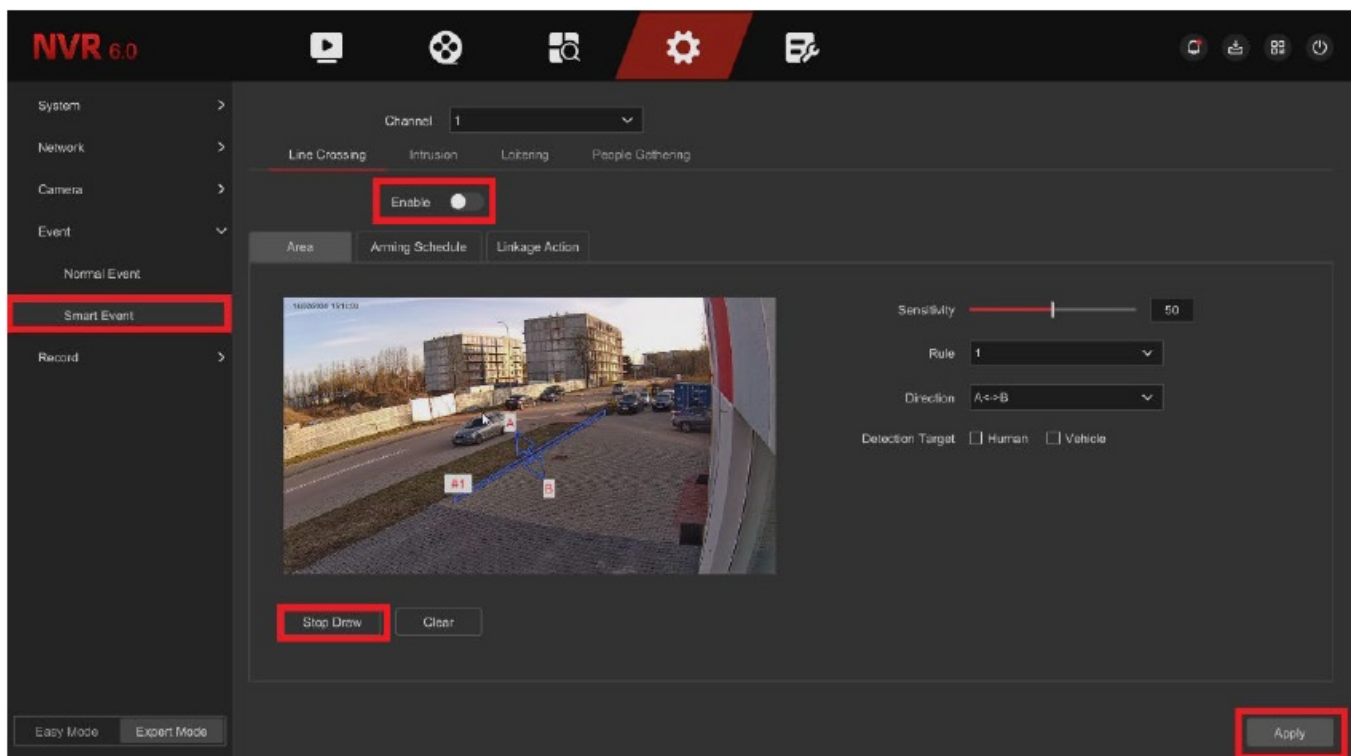
Click on the Smart tab, then enable the option by moving the slider and select the line crossing area, then click Apply.
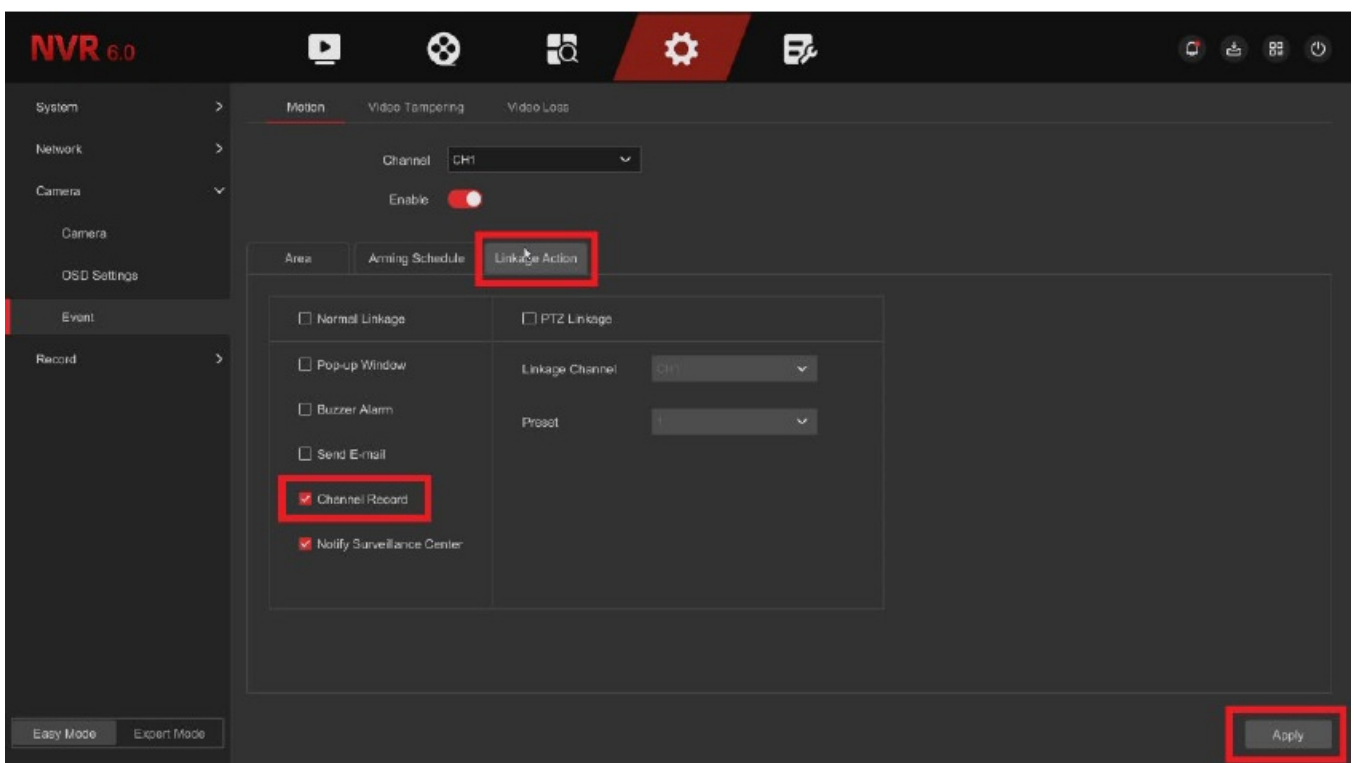
Make sure that the Enable recording option is checked in the Bind actions section.
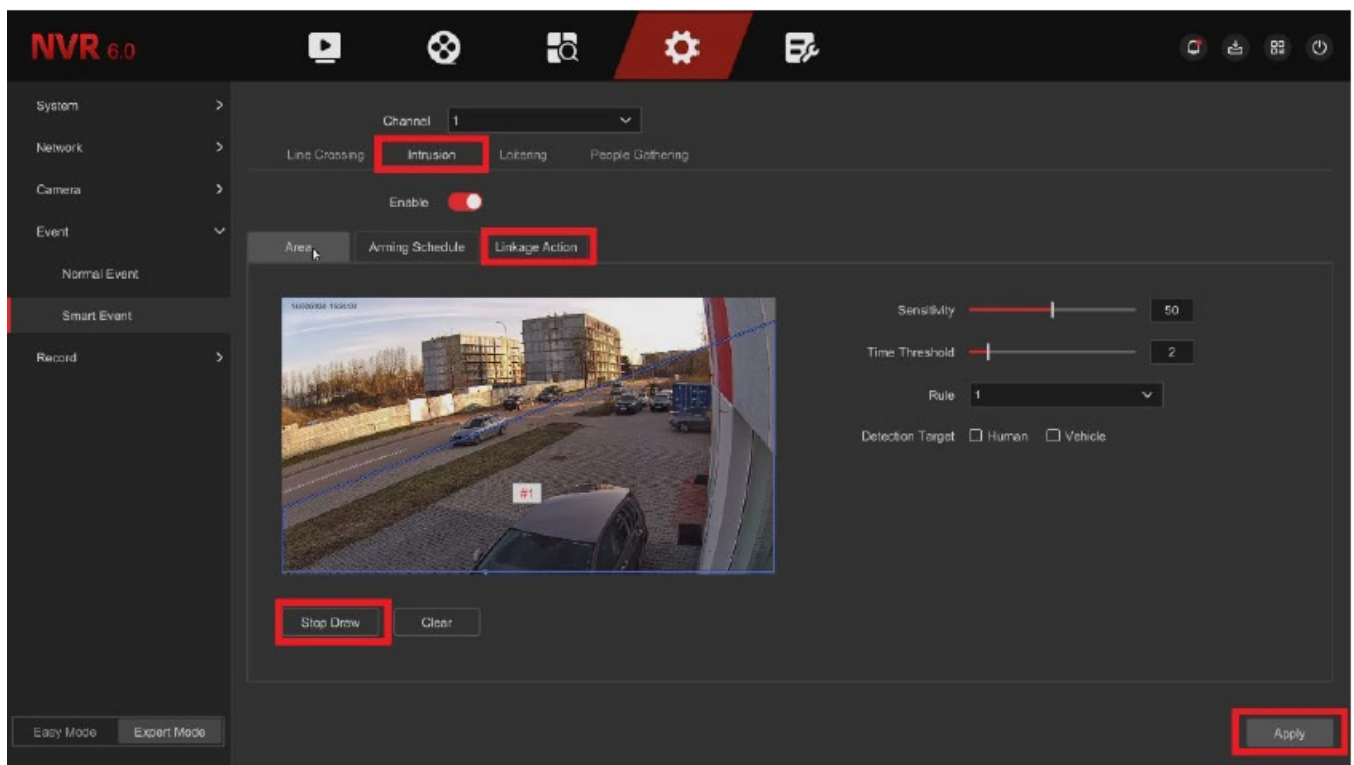
Go to the intrusion tab, select the area, and make sure from the previous steps that you have the recording option checked in the Bind actions section.
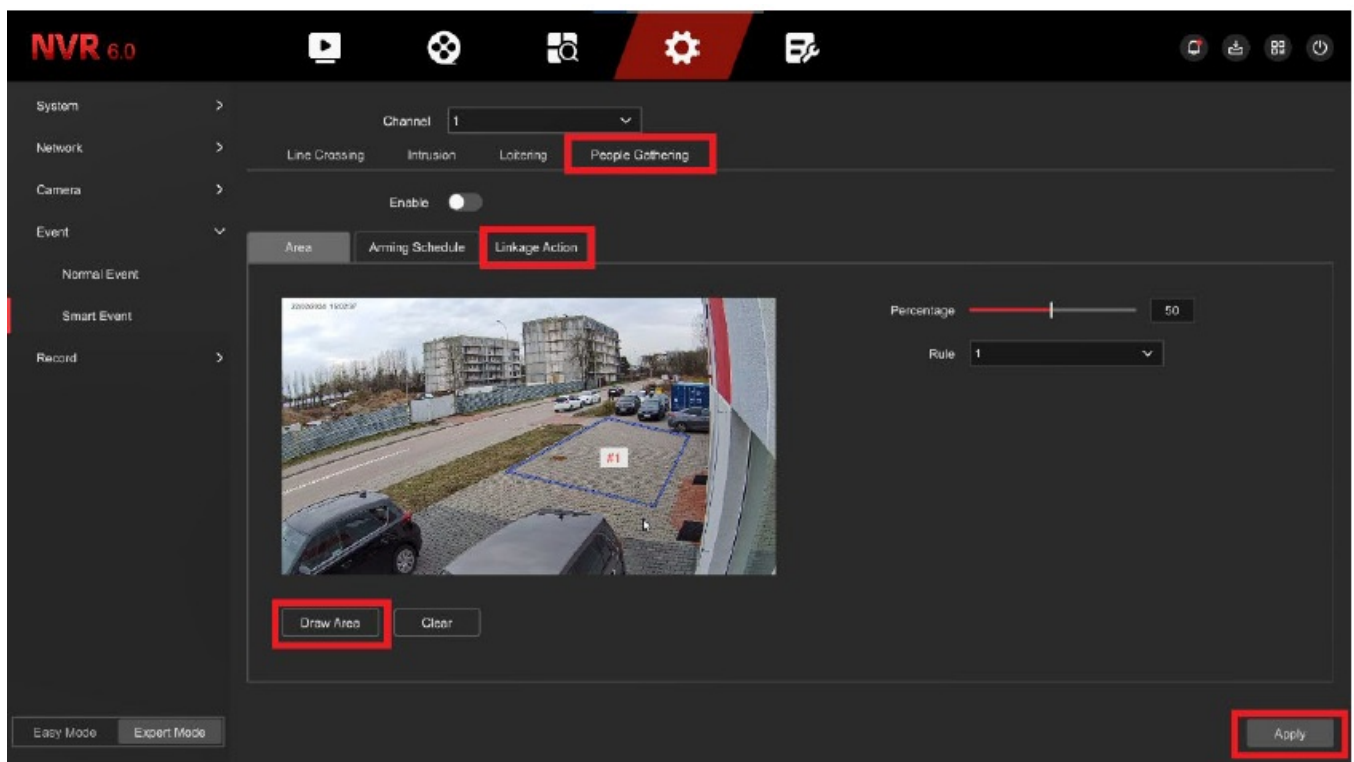
Go to the gathering of people tab, select the area and make sure from the previous steps that you have the recording option checked in the Bind actions section.
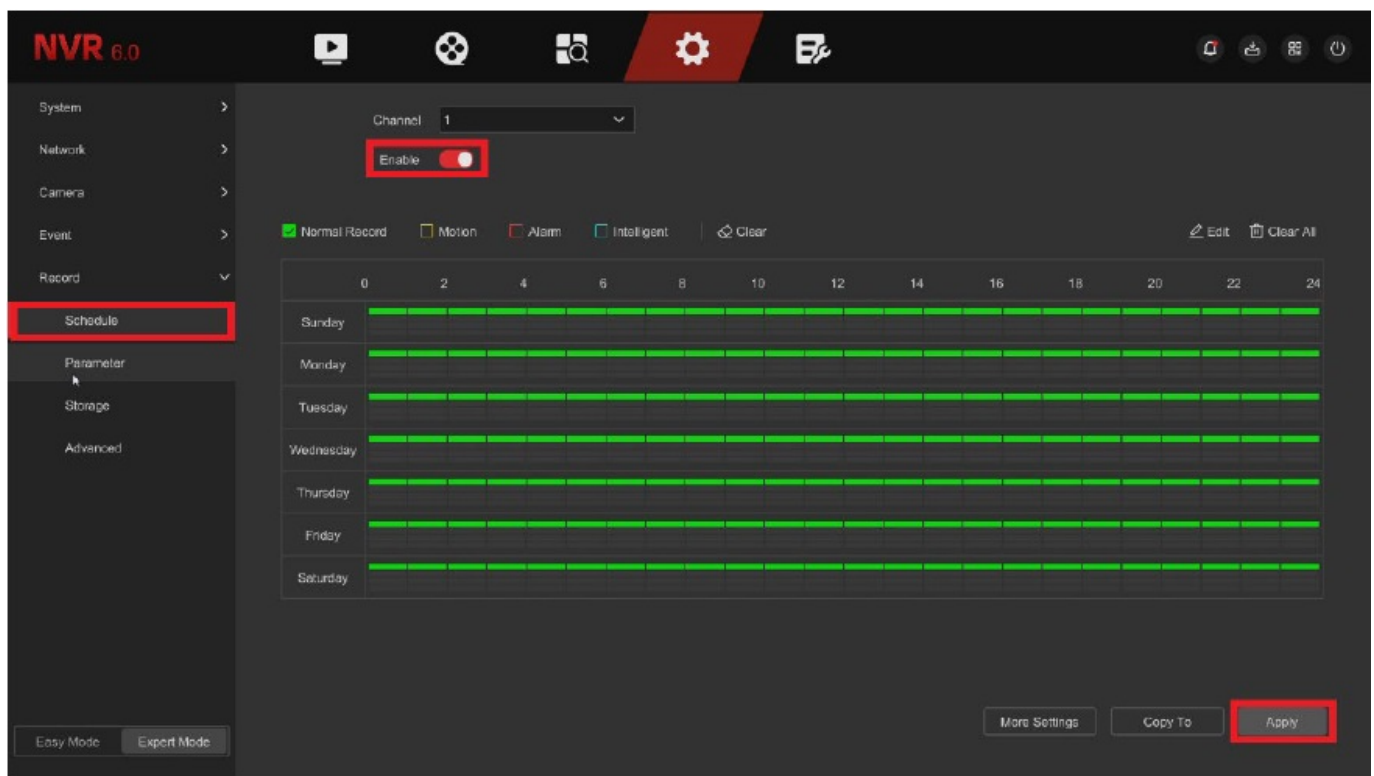
Go to Settings and click storage then move the slider and turn on the scheduling options.
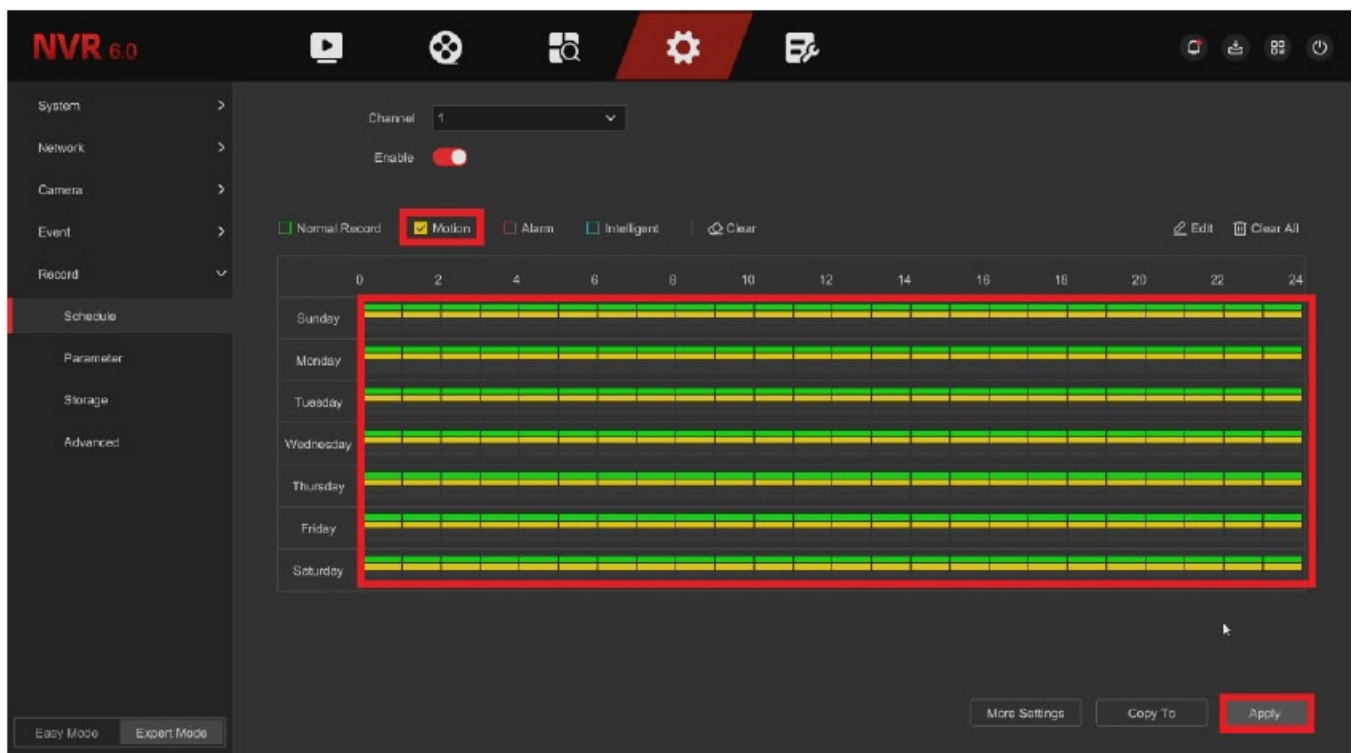
Click Motion Detection and drag the mouse across the entire schedule to select recording days, then click Apply.
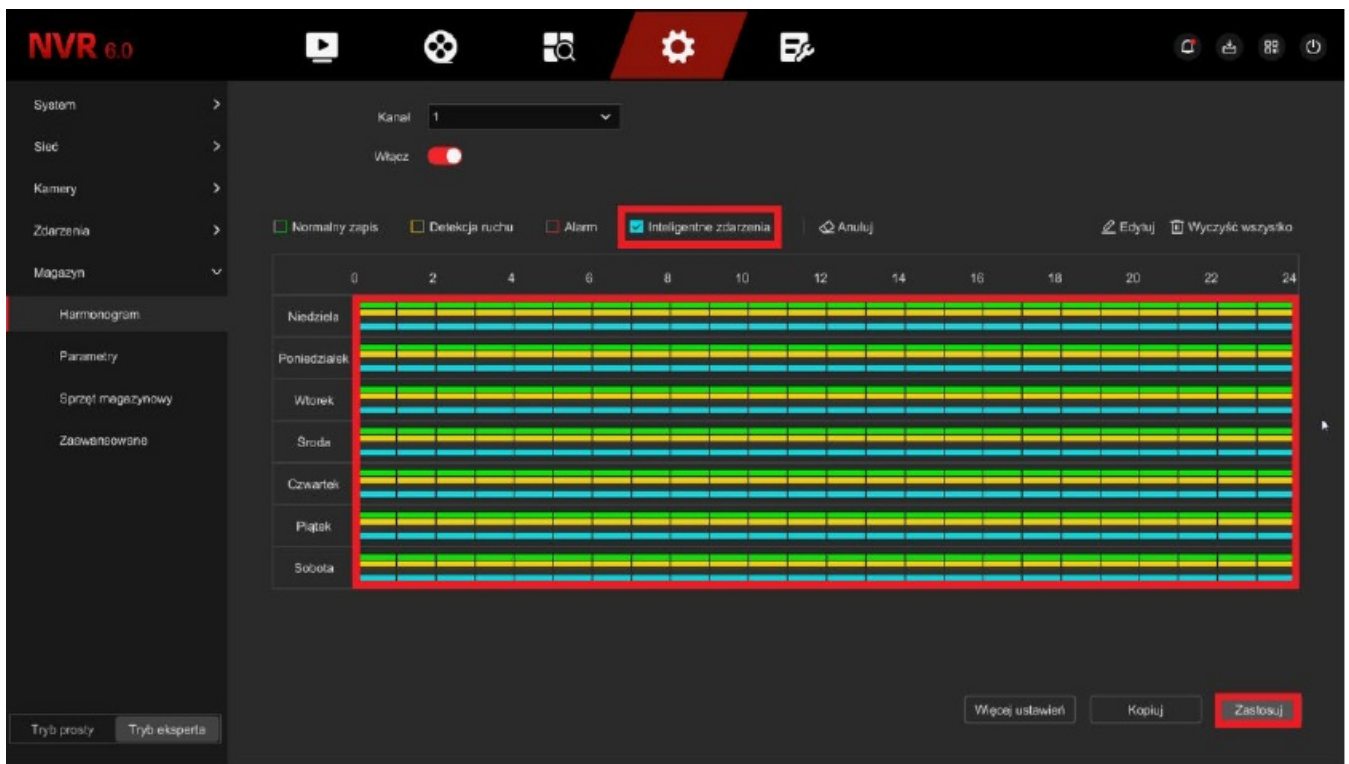
Click Smart Events and drag the mouse across the entire schedule to select the days of recording then click Apply.
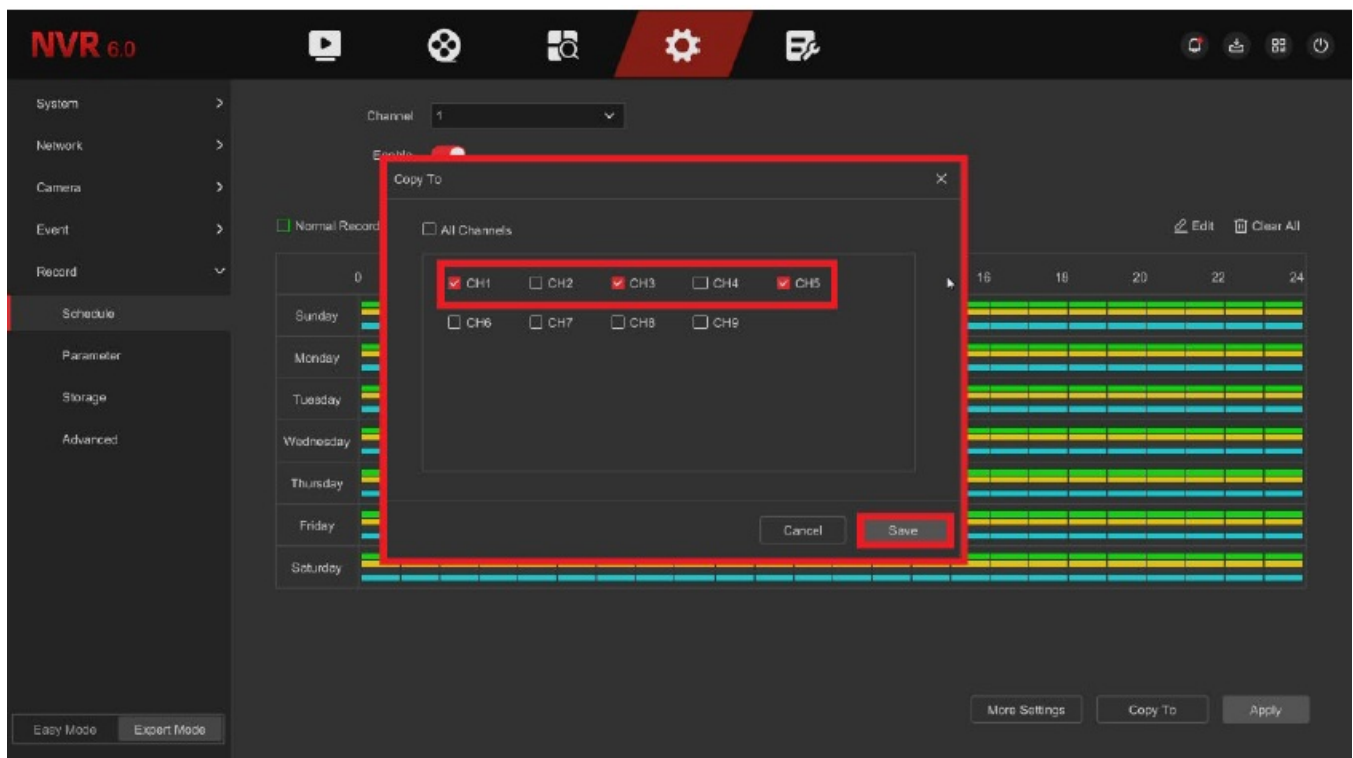
Select from which channels of the DVR you want to copy recordings, e.g. CH1, CH3 CH5.
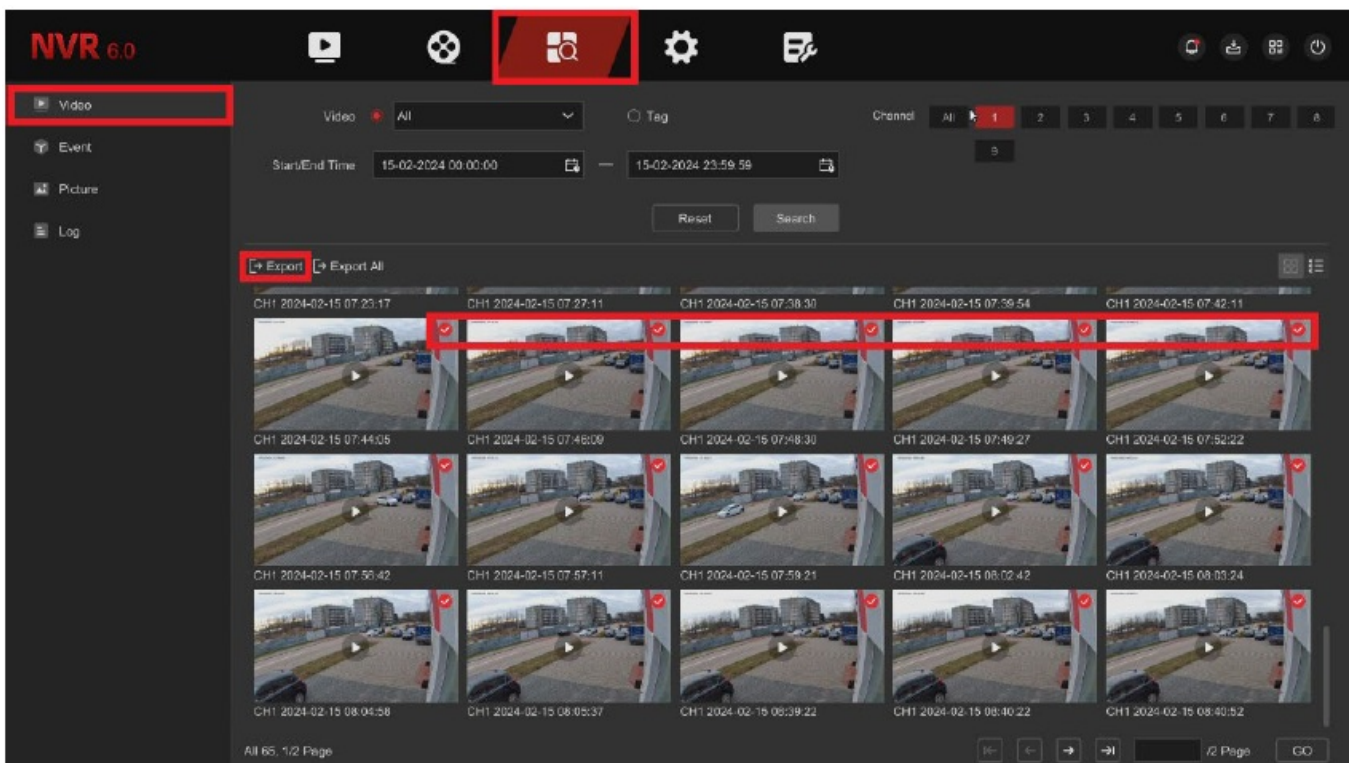
Click on the Search icon in the video option you should select the selected recordings, then click Save.
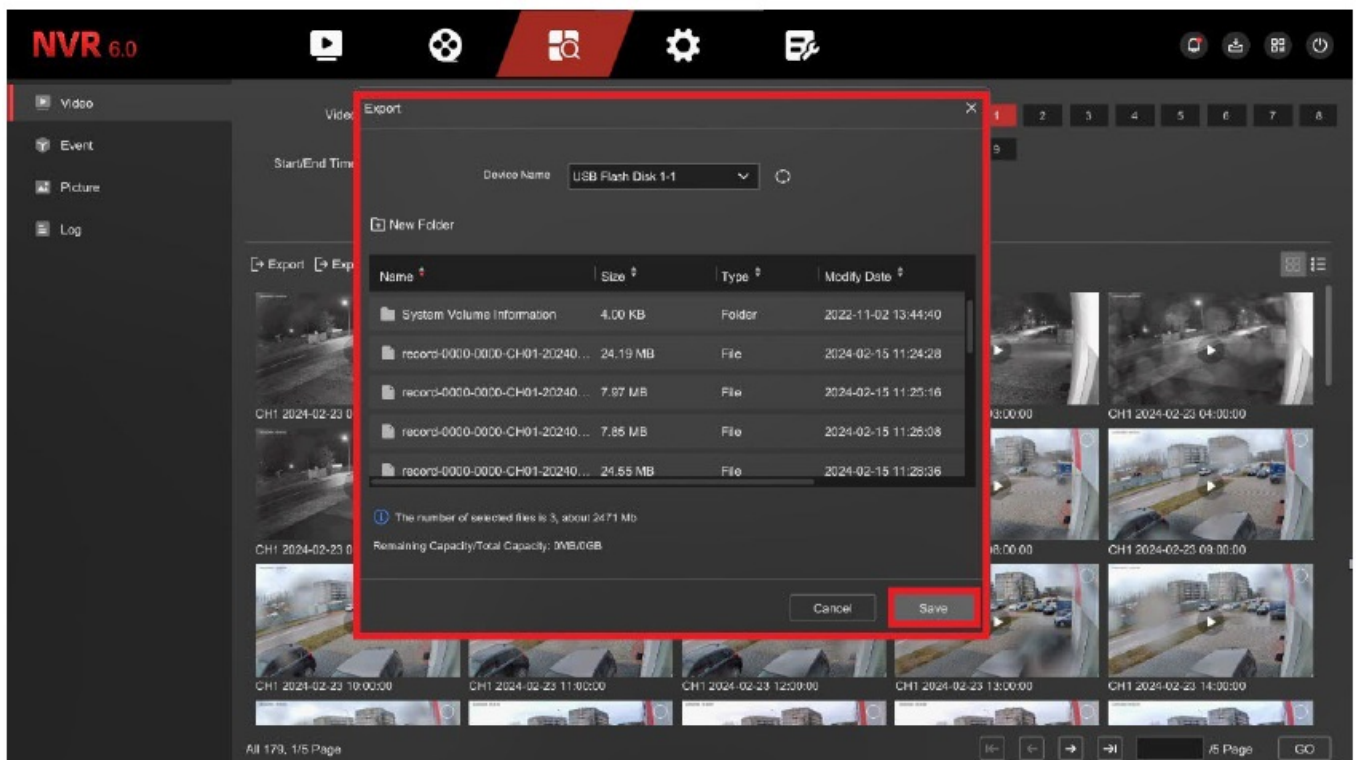
Insert the Flash Drive into the recorder and after selecting Save, select the save folder and click Save.
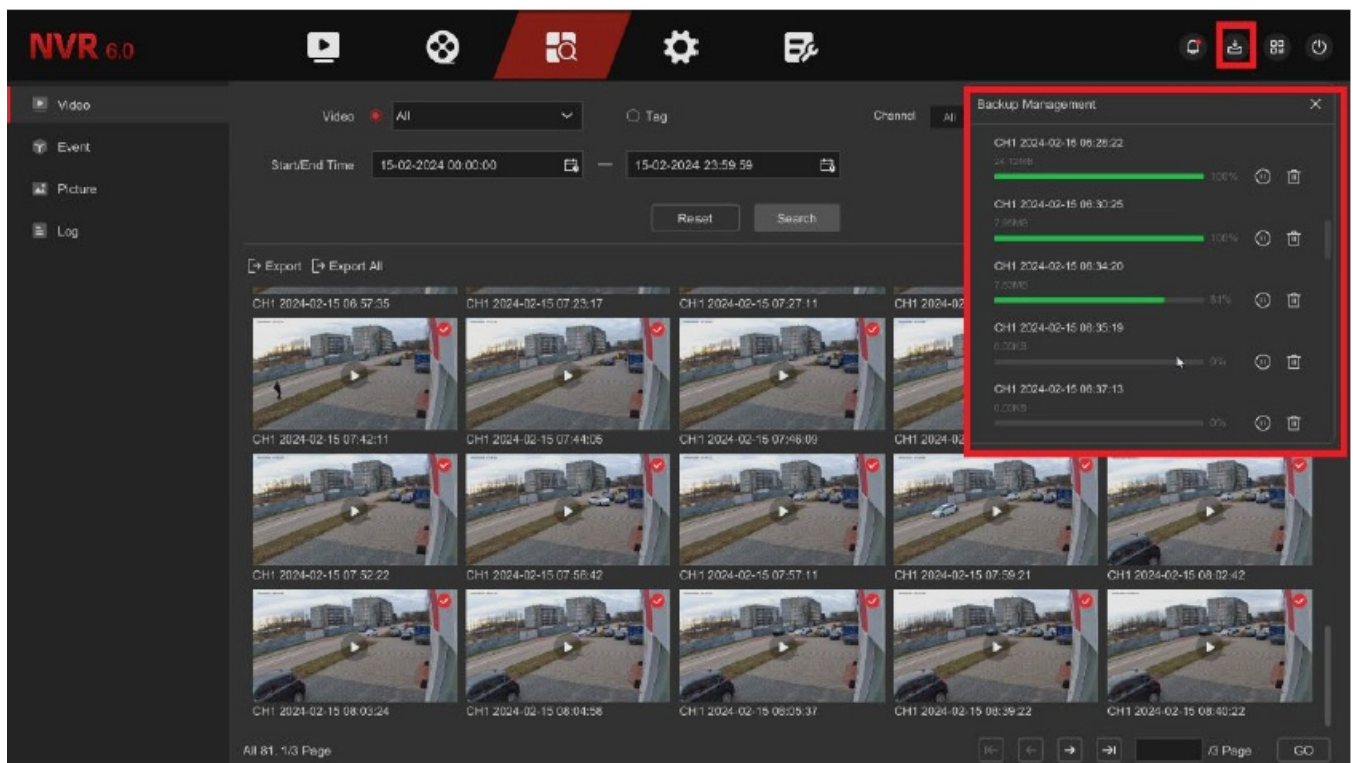
Click on the second from the left download icon, the status and speed of the downloaded file will be displayed.

BitVision application installation

Download the BitVision app from the Google Play/Apple Store, alternatively scan the QR code below to download the app.

Start the phone

Scan
QR code

Download
BitVision
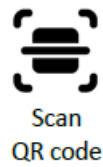
Adding a DVR to the BitVision application

Open the BitVision app, write down the CAPTCHA code from the sticker on the DVR or box, find the QR code from the SN and do the following:
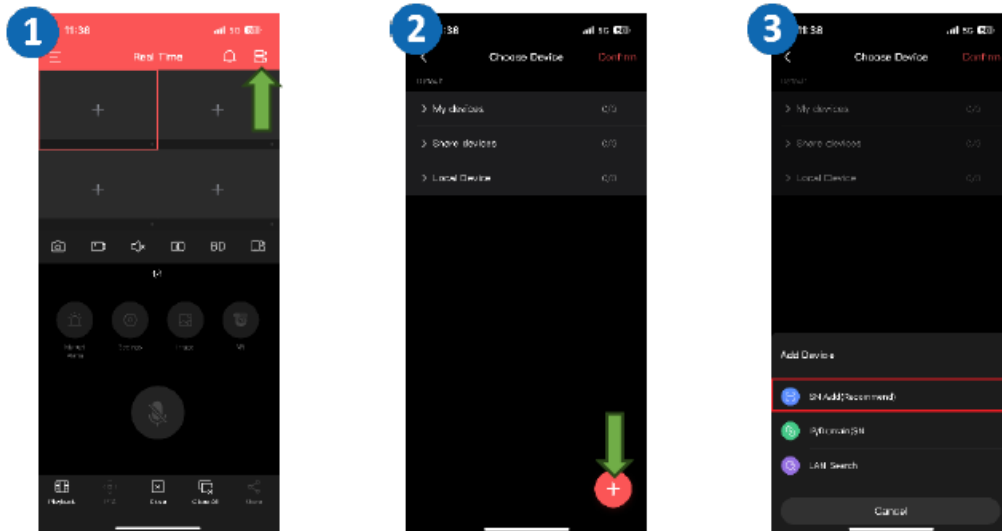
1. In the application, click on the two-camera icon in the upper right corner.

2. Click [+].

3. Click Add SN and scan the QR code or manually enter the SN from the DVR.
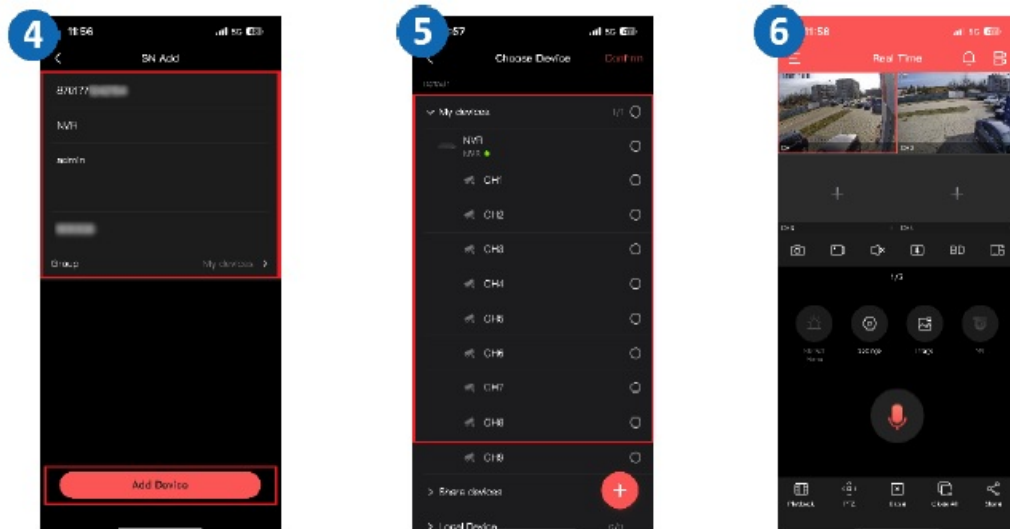
4. Fill in the above fields with correct data.

5. Select the NVR channel you want to add.

6. The channel has been successfully added.

Playback of recordings from within the BitVision application
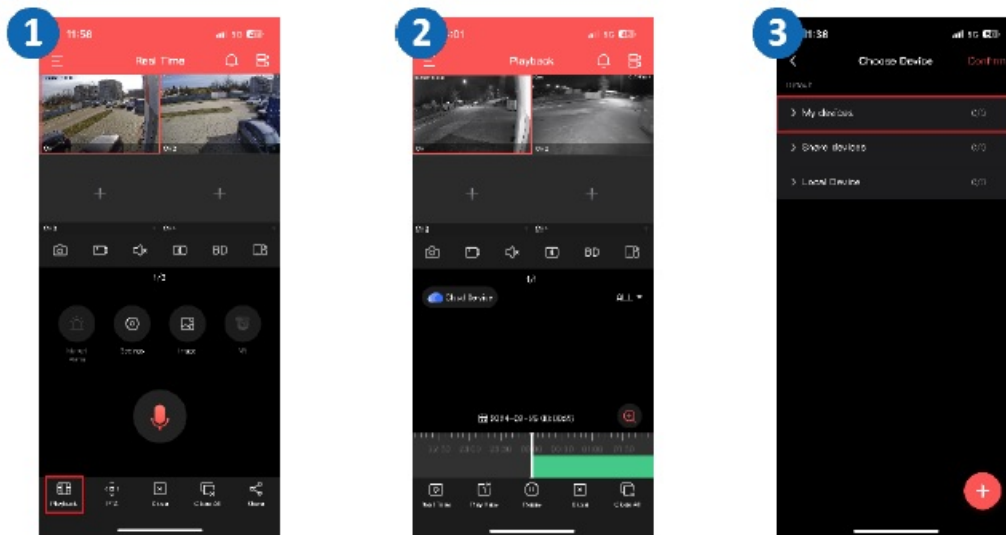
1. In the application, click on the tab Playback.

2. Select [+] on the preview tile.

3. Expand the My Devices list.
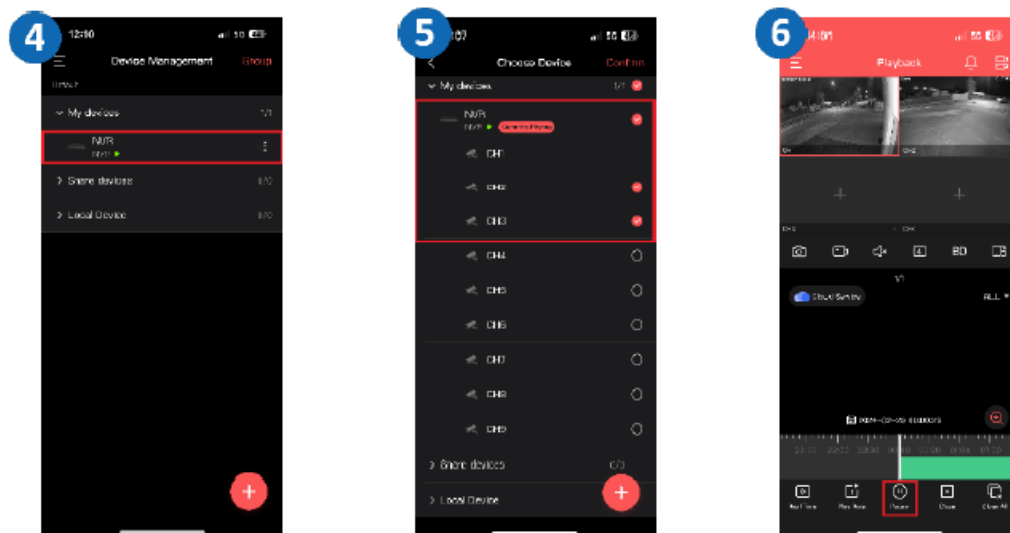
4. Select your DVR from the list and expand the channel list.

5. Select the channel with the camera from which you want to play the recording

6. The channel has been successfully added to the playback preview.

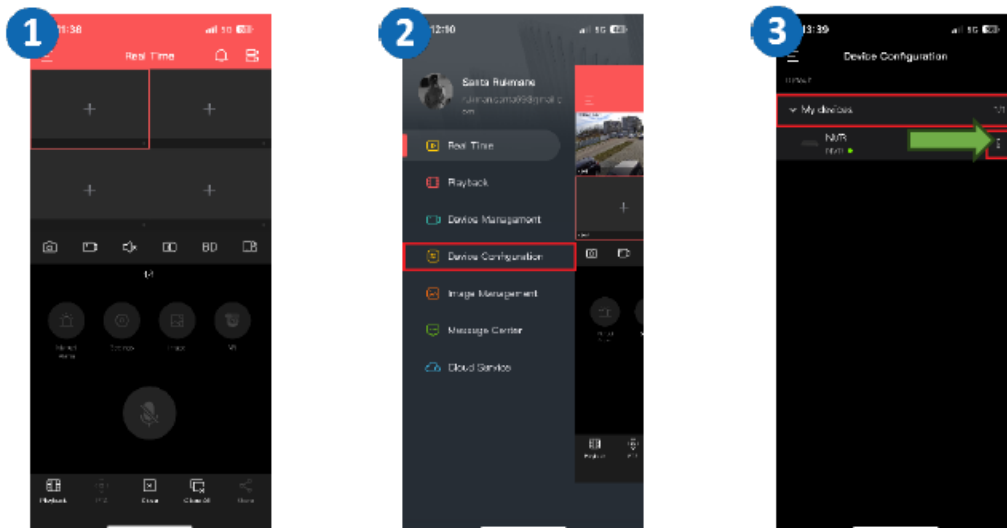**Sharing the recorder with another user**
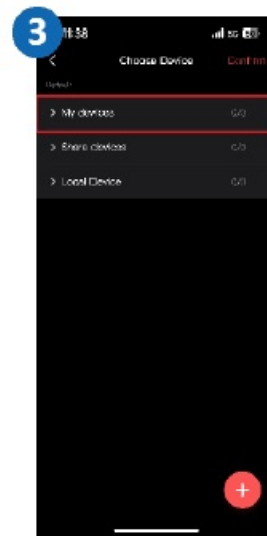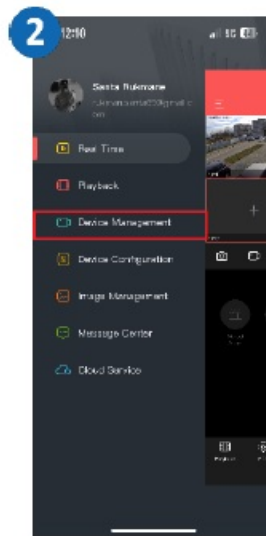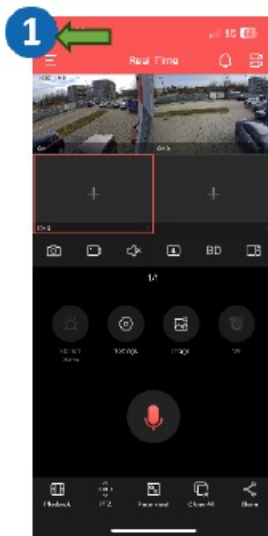
1. Expand the list in the upper left corner.
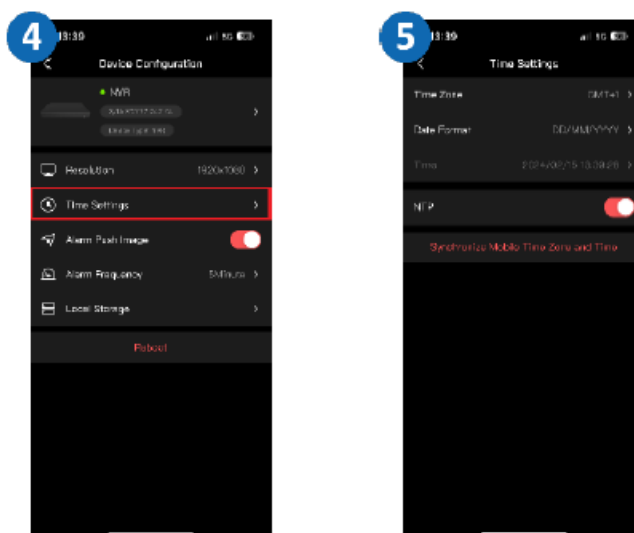
2. Click the tab Device Management.

3. Click My Devices.
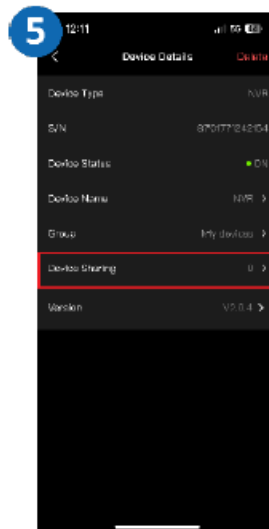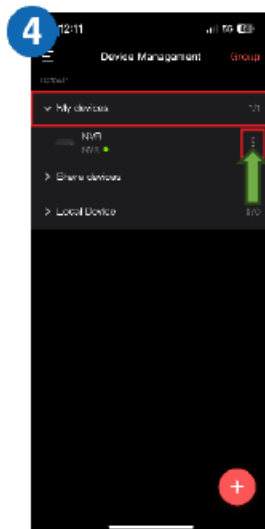
4. Click on the desired camera.

5. Select Device Sharing.

6. Share the code with another person to add a camera.

Configuring the date and time of the recorder in BitVision

1. Expand the list in the upper left corner.
2. Click the tab Device Configuration.
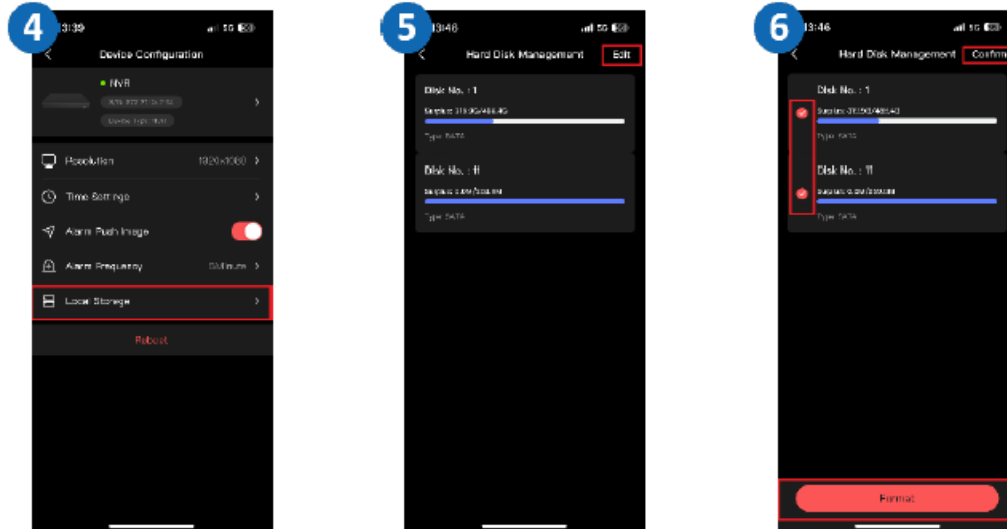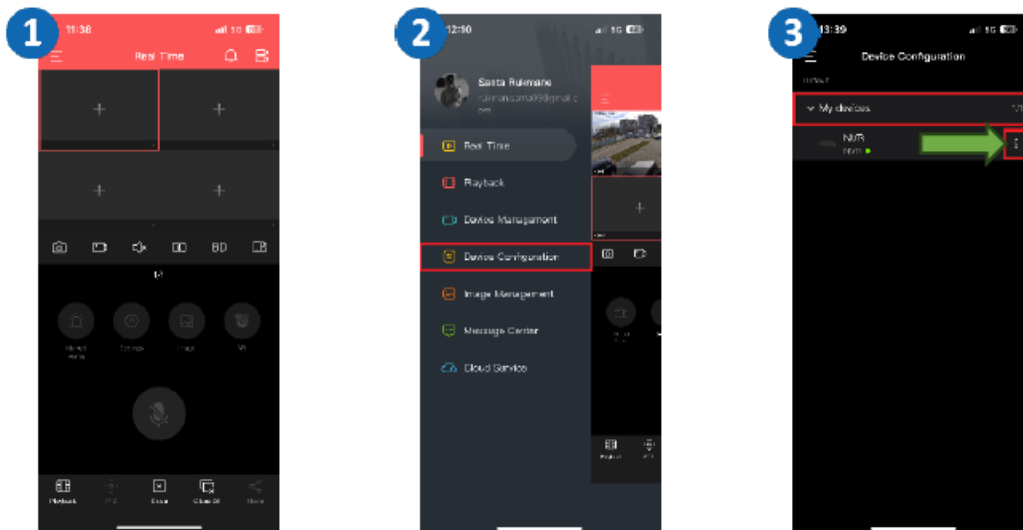3. Click My Devices, select your NVR from the list and click the three dots next to the DVR.

4. Select Time Settings.
5. Set the correct time zone and enable NTP.
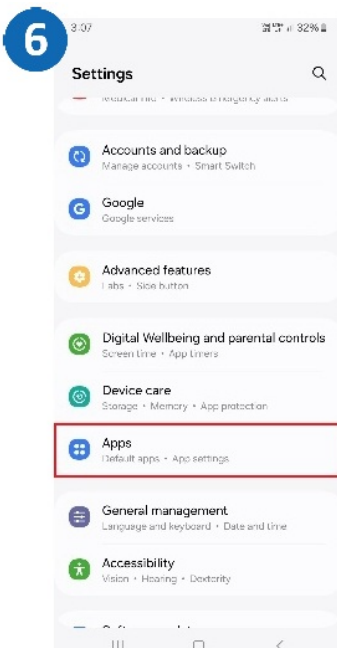
Formatting a disk in BitVision
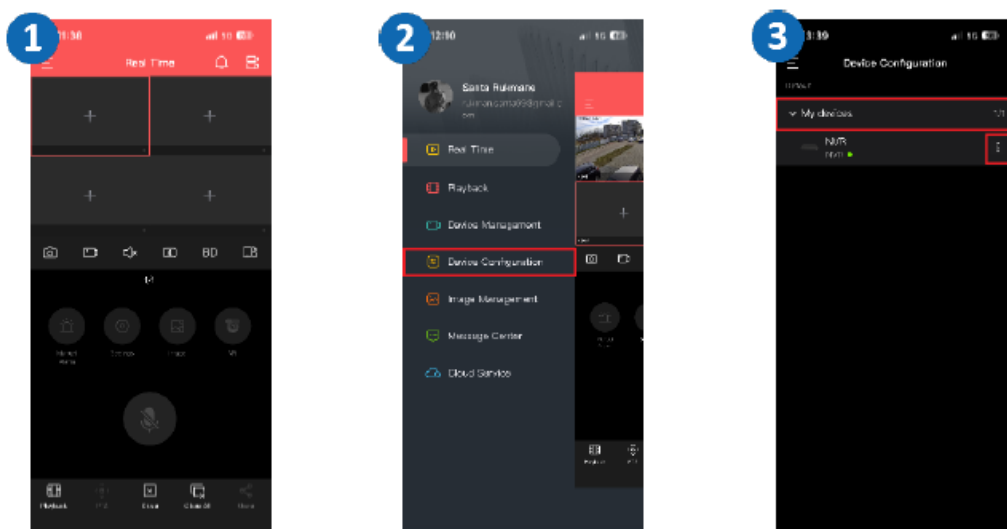
1. Expand the list in the upper left corner.

2. Click the tab Device Configuration.

3. Click My Devices, select your NVR from the list and click the three dots next to the DVR.

4. Select Local Storage.

5. Select Edit.

6. Select the disk and choose Format, Finish.

Emergency notification settings for your phone

1. Expand the list in the upper left corner.

2. Click the tab Device Configuration.

3. Click My Devices, select your NVR from the list and click the three dots next to the DVR.
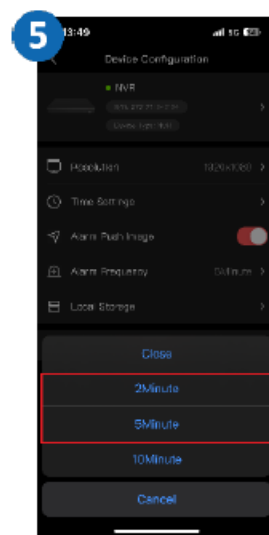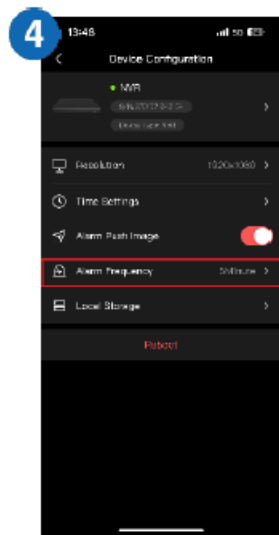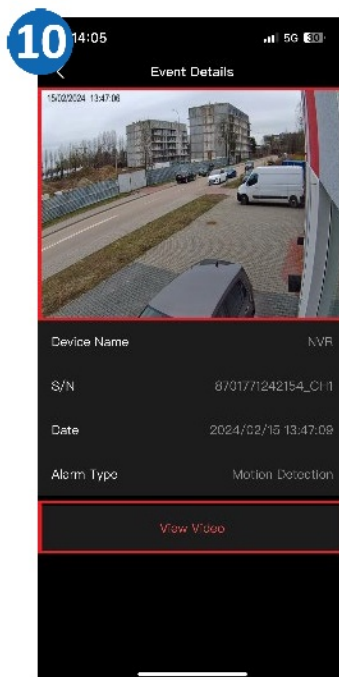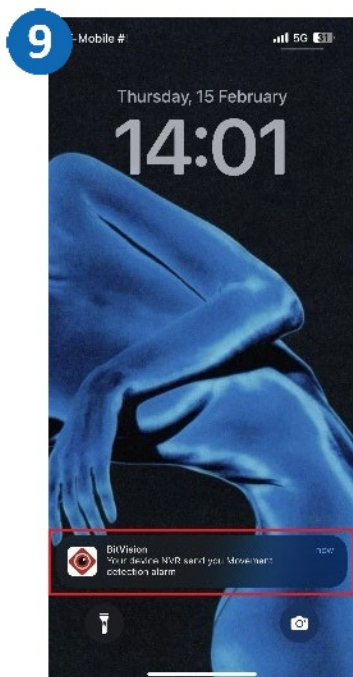
4. Select Alert Frequency.

5. Select the notification time, press Cancel.
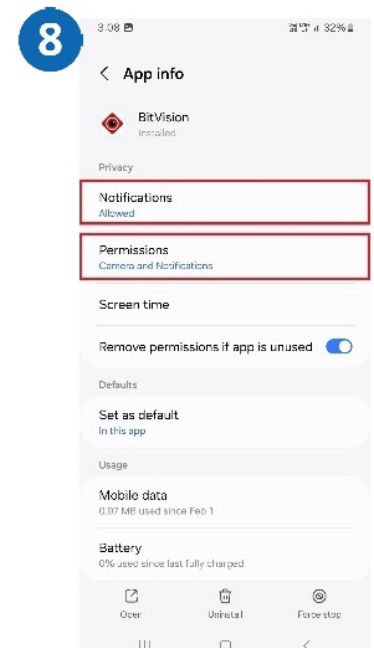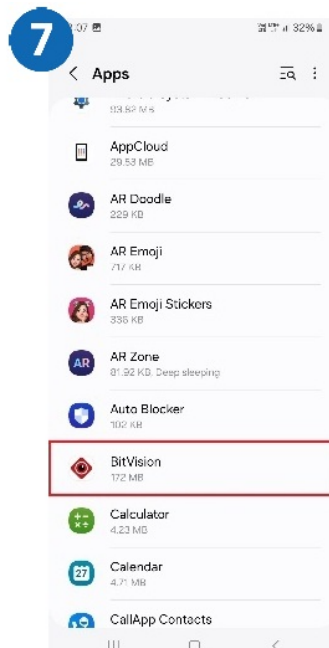
6. Go to the phone's settings, in the main menu go to Applications.

7. Select BitVision from the list.

8. Enable notifications, allow the app all permissions.

9. You will receive a notification when this is done and motion is detected.

10. After pressing the notification label, we move to the photo, See video will take us to the recording.

11. A slice of the recording from the moment the alarm was detected.

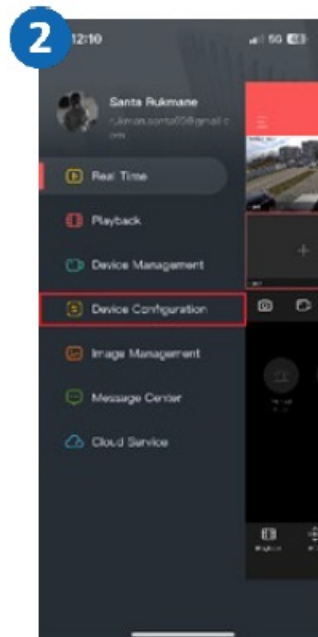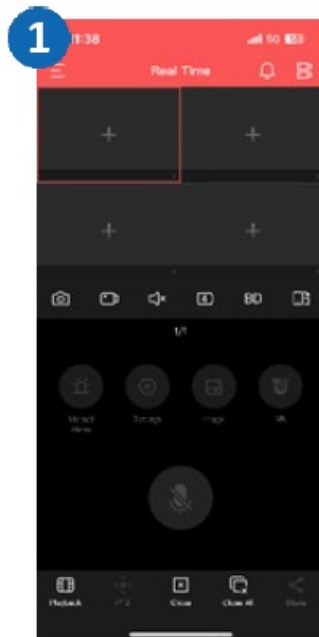**Configuring motion alarm detection in BitVision**
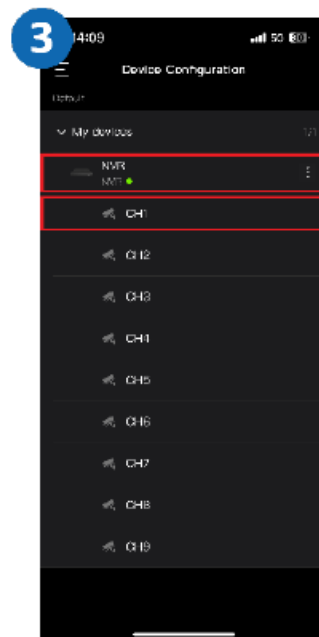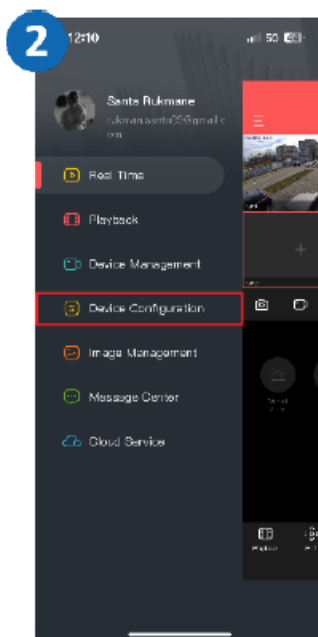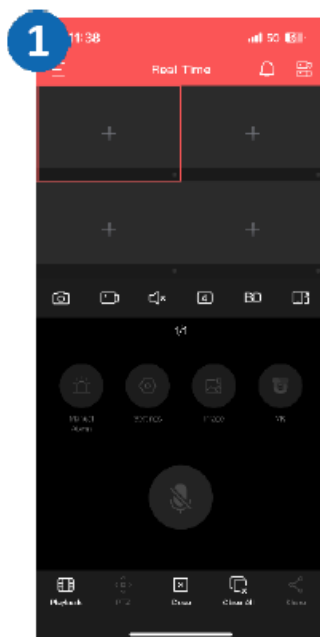
1. Expand the list in the upper left corner.

2. Click the tab Device Configuration.

3. Click My Devices, select your NVR from the list and choose a channel.
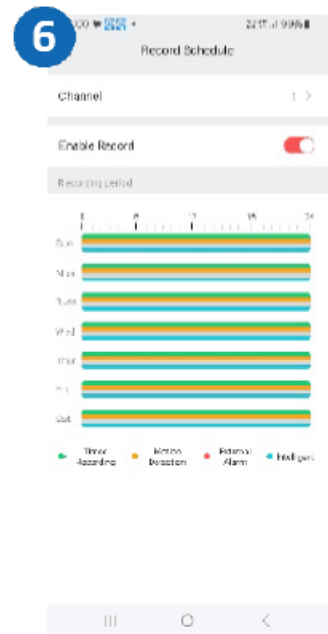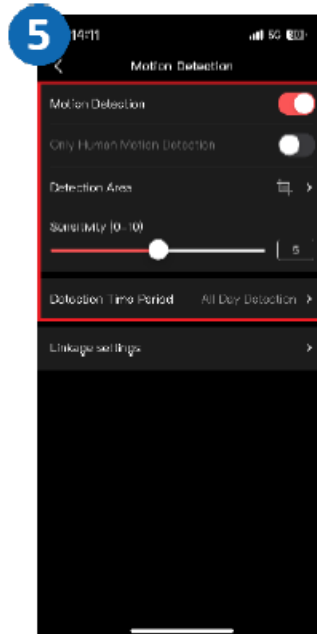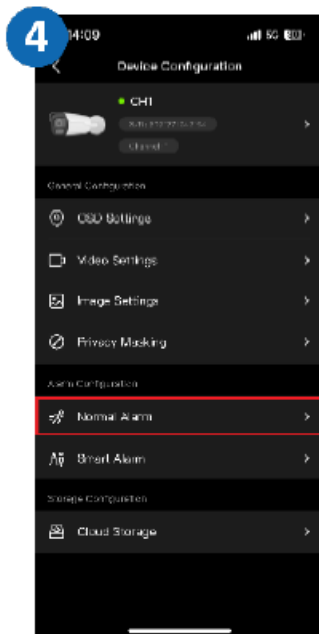
4. Select Normal alarm.
5. Select Enable, set Detection Area and Sensitivity.
6. Go to the recording schedule, enable motion alarm recording.

Configuring smart alarms in BitVision

1. Expand the list in the upper left corner.
2. Click the tab Device Configuration.
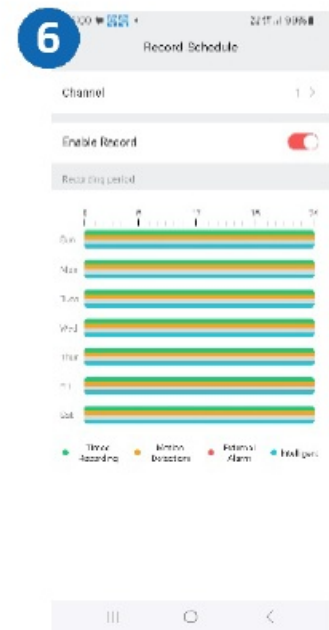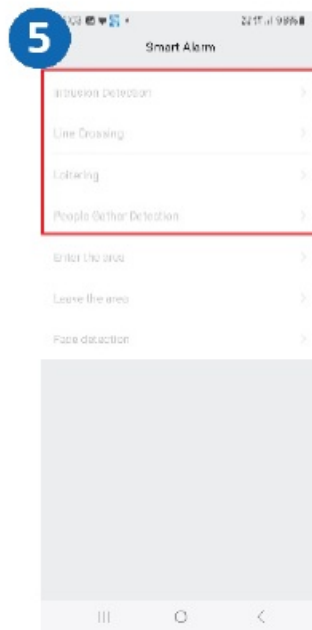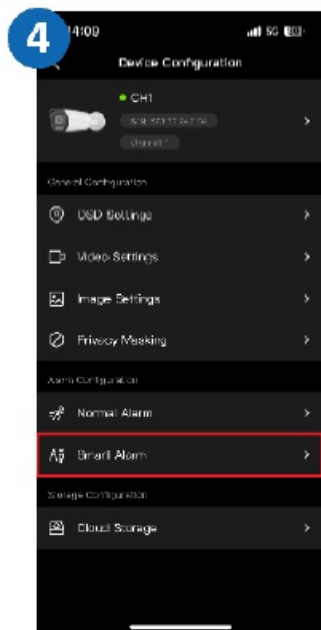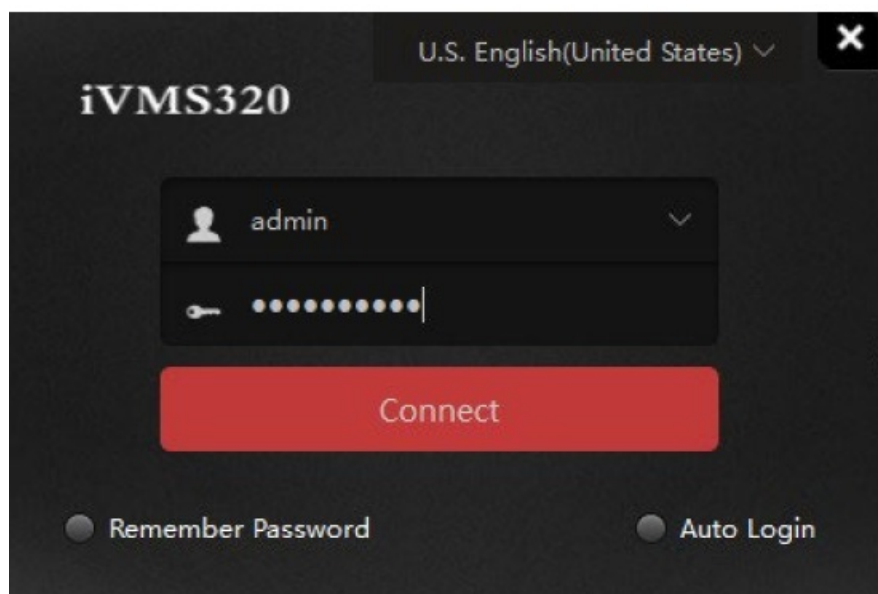3. Click My Devices, select your NVR from the list and choose a channel.

4. Select Smart Alert.

5. Select the desired function and run it.

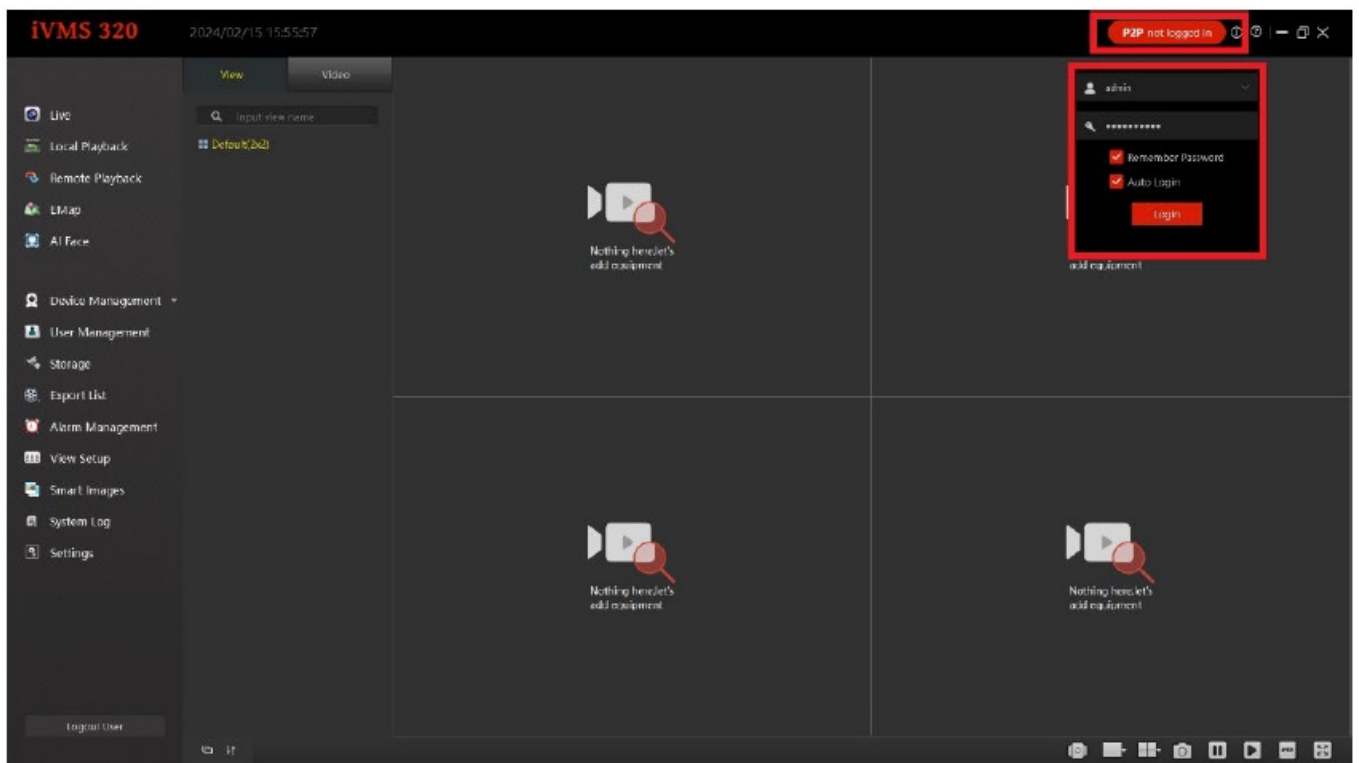6. Go to the recording schedule, enable SMART alarm recording.

Adding a DVR to iVMS320
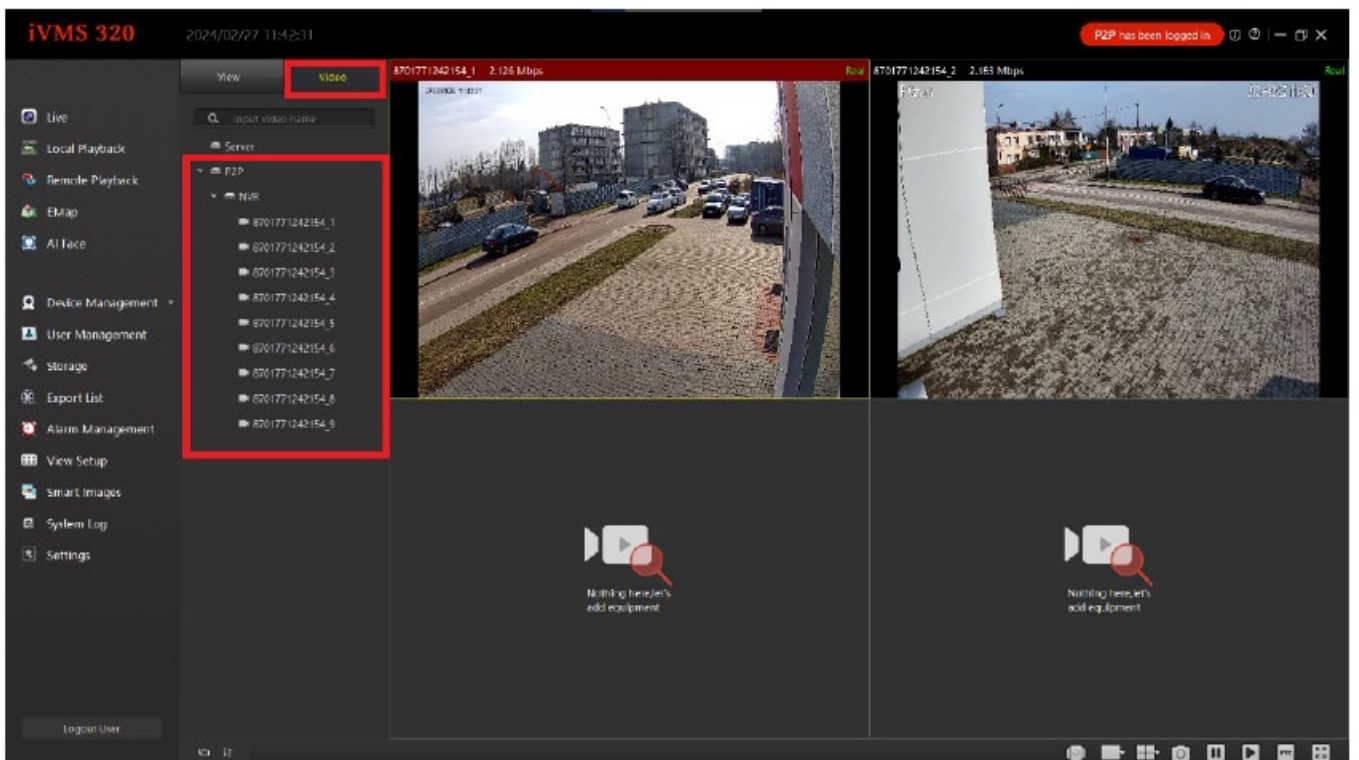Download and install iVMS320.
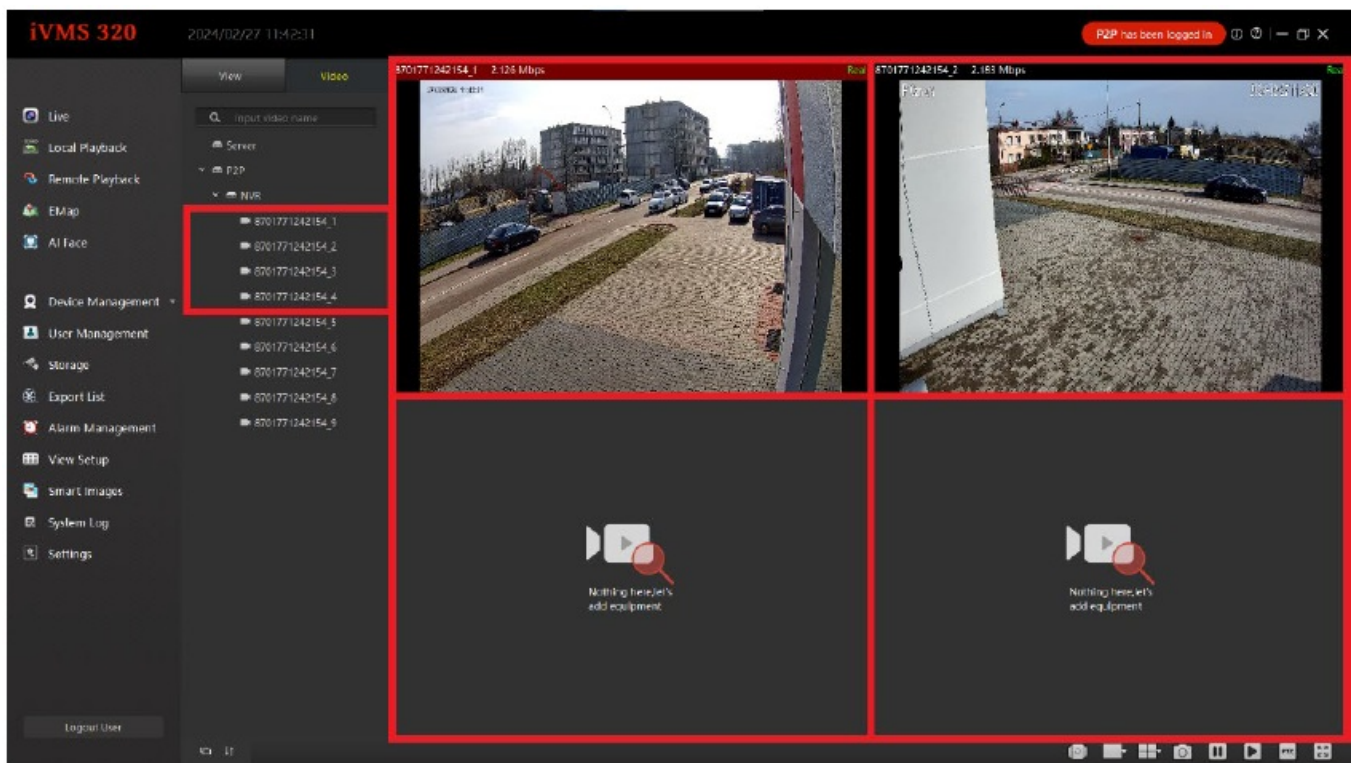

https://zintronic.pl/rejestratory_bitvision

After launching the program, create a user and password, click Add.
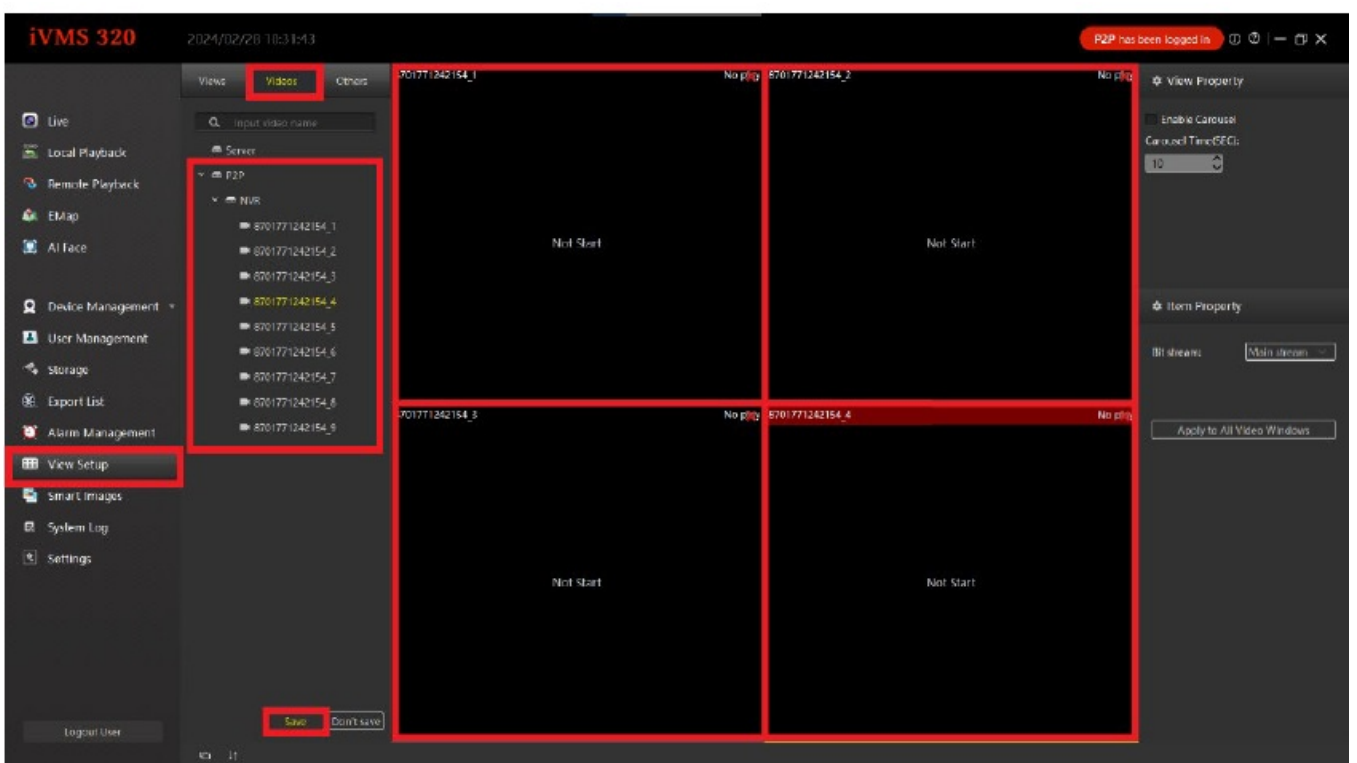
Select P2P Not Logged In, enter your BitVision account login information.

Restart the program, go to Video, the DVR will appear in the list of devices.
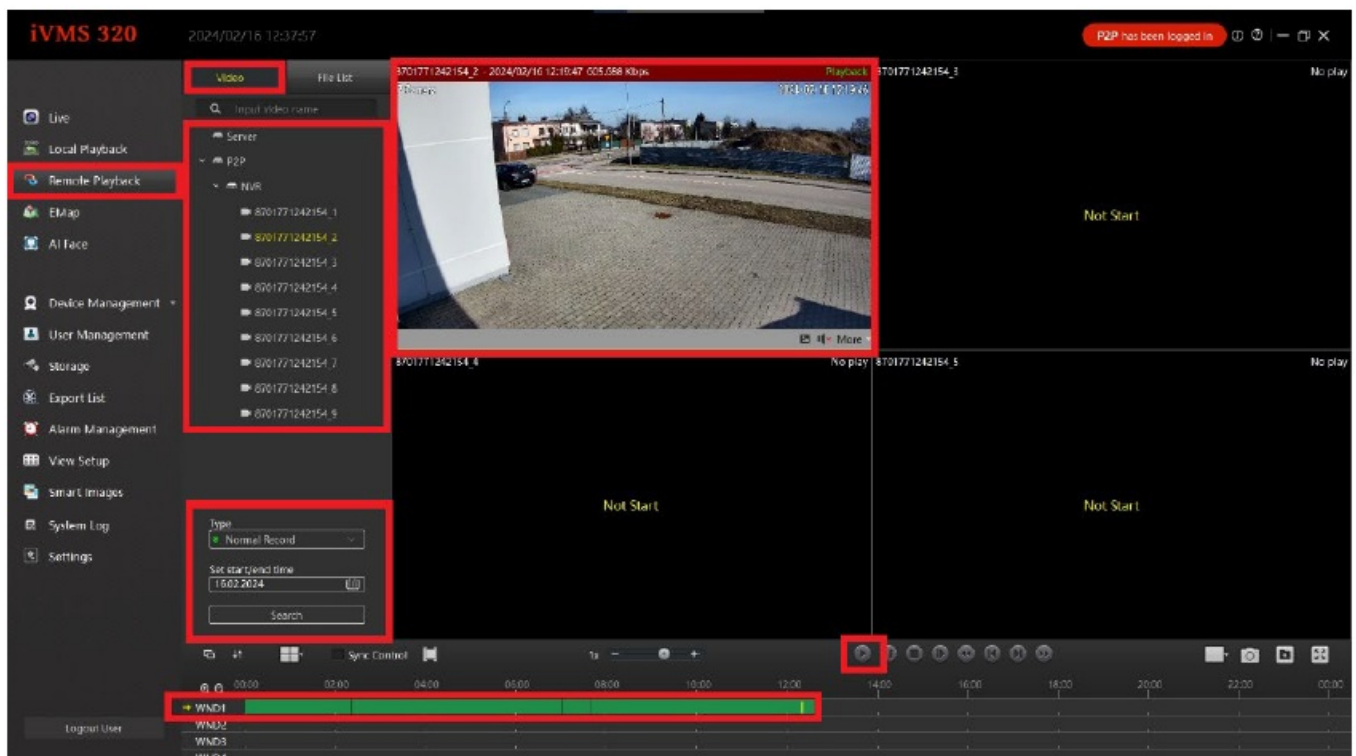
Drag specific channels onto empty grids of the preview grid.

Go to Settings View, click Video Files, expand the list with devices, select the DVR, drag the channels you want to have in preview when the program opens to the empty boxes on the preview grid. Confirm by clicking Save.
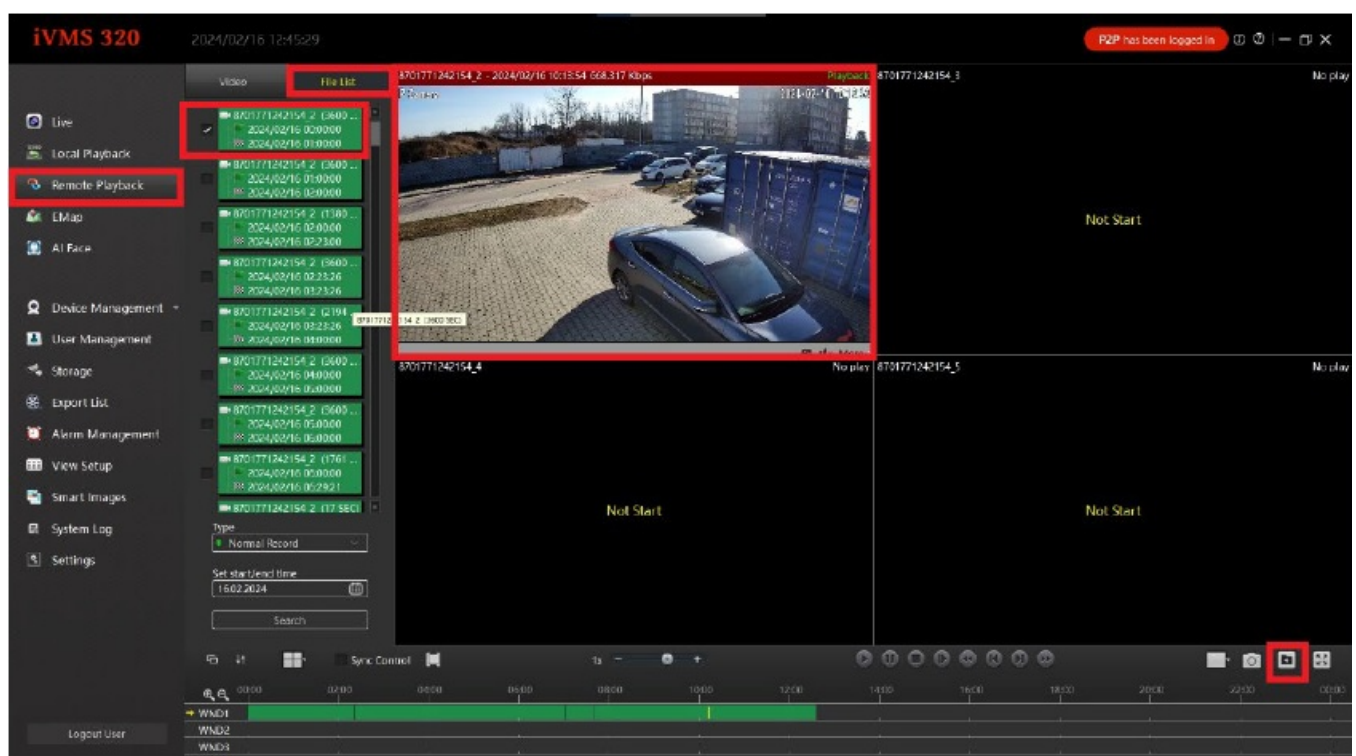
Playback and download of recordings in iVMS320

Go to Remote Playback, expand the list of devices, add a channel by dragging it to an empty box, then select Record Type and choose Search.
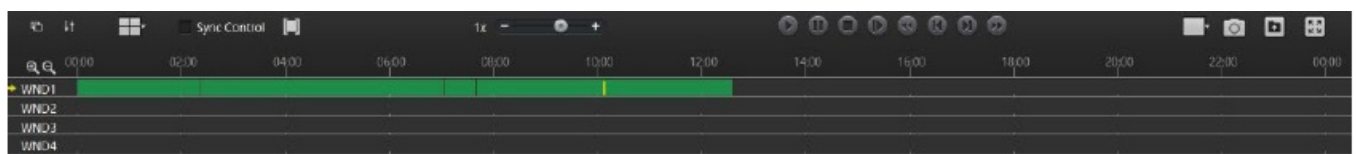
Play the recording by clicking on the Timeline and the Play button.

Go to Remote Playback, expand the device list, add a channel by dragging it to an empty box, then select File List, check the box next to the file you want to download, select Download Icon.
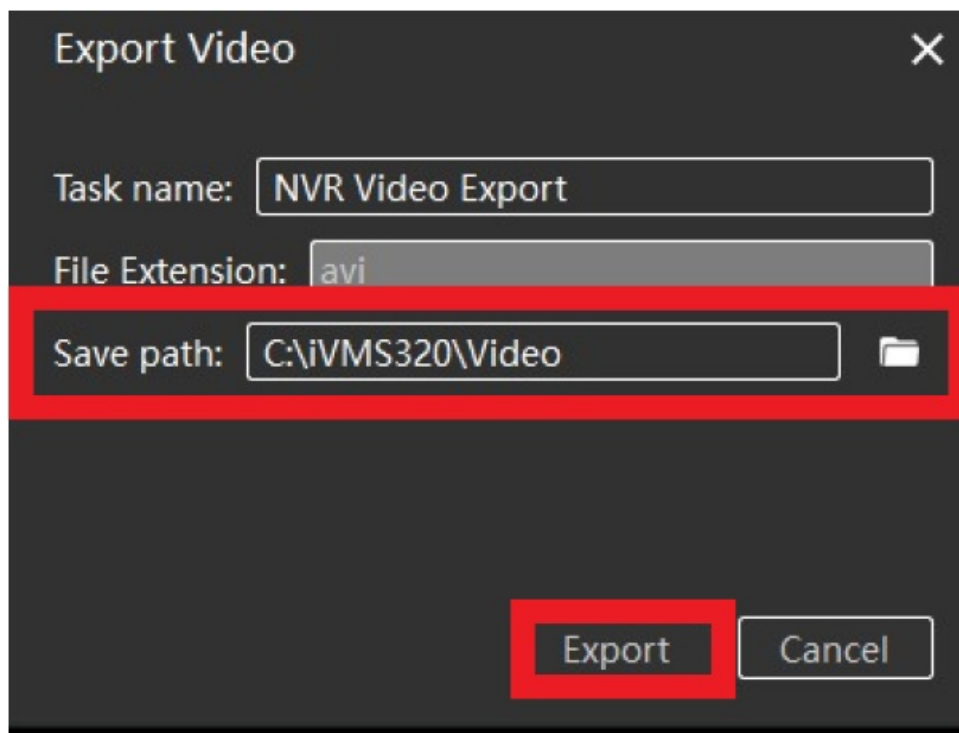
Select the path for saving the downloaded file, confirm by clicking Export.

Questions and answers

1. **Why is the device in offline mode?**

   Check that
   - The device is connected properly to the power supply.
   - The device is connected correctly to the Internet network.
   - The configuration has been done correctly.

2. **The disk is not detected?**

   Check the efficiency of the disk, the correct connection of the disk, and verify that the power supply used is definitely the original one.

3. **Live image does not load.**

   Check the power supply and the Internet network, then turn off and on the camera on a specific NVR channel. If this way does not work, verify that the LAN cable is not damaged or the Wi-Fi network is working properly and in good quality.

4. **Video interrupts or video runs slowly.**

   If the video keeps loading/buffering, check your Internet connection.

5. **How can other people use the device?**

   Share your device in the app with other people (page 14 of the Manual).

6. **How many people can use the account at the same time?**

   There are no restrictions.

7. **Does the DVR work with other brands of cameras?**

   The DVR is compatible with most Private and ONVIF protocol devices.

8. **There are no recordings on the disk.**

   Make sure that the disk has been formatted correctly and that recording is enabled on the channel. Verify that the date and time settings are correct.

Documents / Resources

Zintronic NVR Network Recorder [pdf] User Manual
NVR Network Recorder, NVR, Network Recorder, Recorder

References

- **Z Monitoring - Kamery do monitoringu :: ZINTRONIC.PL**
- **User Manual**