



Video Recorder

Video Recorder Lite

Smart Video Recording up to 16 cameras

Smart Video Recording up to 4 cameras

EN - Instructions and warnings for installation and use

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1

IMPORTANT SAFEGUARDS AND WARNINGS

1.1 - Privacy protection notice

As the device user or data controller, you might collect the personal data of others such as their face, fingerprints, and license plate number. You need to be in compliance with your local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures which include but are not limited: Providing clear and visible identification to inform people of the existence of the surveillance area and provide required contact information.

1.2 - About the manual

- The manual is for reference only. If there is inconsistency between the manual and the actual product, the actual product shall prevail.
- We are not liable for any loss caused by the operations that do not comply with the manual.
- The manual would be updated according to the latest laws and regulations of related regions.If there is inconsistency between paper manual and the electronic version, the electronic version shall prevail.
- All the designs and software are subject to change without prior written notice. The product updates might cause some differences between the actual product and the manual. Please contact the customer service for the latest program and supplementary documentation.
- There still might be deviation in technical data, functions and operations description. If there is any doubt or dispute, please see our final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and the company names in the manual are the properties of their respective owners.
- Please visit our website, contact the supplier or customer service if there is any problem occurred when using the device.

1.3 - Transportation, storage and operation requirements

- Transport and store the device under allowed humidity and temperature conditions.
- Don't expose to sunlight or near heat sources.
- Keep the device away from dampness, dust, and soot.
- Install the device on a stable surface to prevent it from falling.
- Don't drop or splash liquid onto the device, and make sure that there is no object filled with liquid on the device to prevent liquid from getting into it.
- Put the device in a well-ventilated place, and don't block its ventilation.
- Operate the device within the rated range of power input and output.
- Don't disassemble the device.
- Use the device under allowed humidity and temperature conditions.

1.4 - Installation requirements

- Don't connect the power adapter to the device while the adapter is powered on.
- Strictly comply with the local electric safety standards. Make sure the voltage is stable and meets the power supply requirements of the device.
- To avoid the risk of fire and explosion don't expose the battery to extremely low air pressure, or extremely high or low temperatures. It's strictly prohibited to throw the battery into a fire, cut it or put mechanical pressure on it.
- Use the standard power adapter or cabinet power supply. We will assume no responsibility for any injuries or damages caused by the use of a nonstandard power adapter.
- The power supply must conform to the requirements of ES1 in IEC 62368-1 standard and beno higher than PS2. Please note that the power supply requirements are subject to the device label.
- The device is a class I electrical appliance. Make sure that the power supply of the device is connected to a power socket with protective earthing.
- Use power cords that conform to your local requirements.
- Before connecting the power supply, make sure the input voltage matches the power requirements of the device.
- When installing the device, make sure that the power plug and appliance coupler can be easily reached to cut off power.
- Install the device near a power socket for emergency disconnect.
- Non-professionals and unauthorized personnel can't open the device casing.

2

DEVICE DESCRIPTION

The device is a high performance network video recorder supporting local live view, multiple-window display, recorded file local storage, remote control and mouse shortcut menu operation, as well as remote management and control function.

This product supports center storage, front-end storage and client-end storage. Working with other front-end devices such as IPC, NVS, this product can establish a strong surveillance network through the CMS. There is only one network cable from the monitor center to the monitor zone in the whole network. The whole system is featured by simple connection, low-cost, low maintenance work.

Main features of the device:

- Face detection and recognition - comparing the detected faces to the images in the face data base in real time
- Human body detection - activating alarm actions once human body is detected
- Counting people - count the number of people and direction of their movement
- Heat map - monitoring active objects in a specific area
- Automatic number plate recognition (ANPR) - monitoring passing vehicles
- Cloud upgrade - supporting online upgrade if connected to the Internet
- Independent real-time recording for each channel
- Smart search
- Various playback modes: slow play, fast play, backward play and frame-by-frameplay
- Time title overlay - providing an occurrence exact time
- Specified zone enlargement
- User management - adding ussers to user groups. Each group has a set of permissions that can be individually edited.
- Storage of video data
- Saving record files on the PC
- Simultaneous respond to external alarm (within 200 ms)
- Sending audio or video data through the network
- Backups - supporting network and USB record backups

2.1 - MyEye Video Recorder

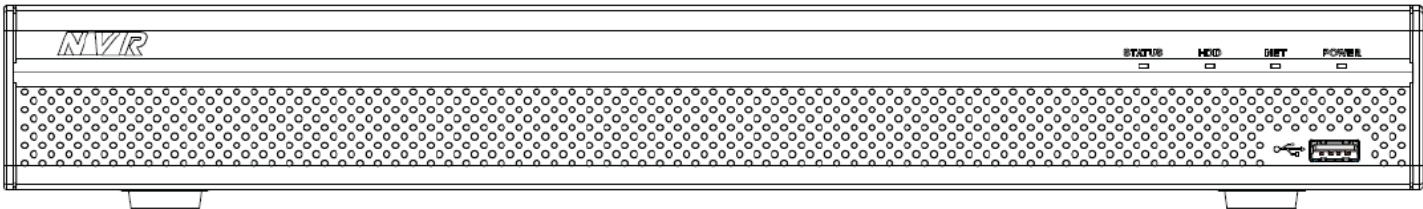


Figure 1: MyEye Video Recorder - front pannel

Table 1 - MyEye Video Recorder - Icons on housing		
Icon	Name	Function
STATUS	Status indicator light	When the device is working properly, the blue light is on.
HDD 	HDD status indicator light	When Hard Disk Drive (HDD) is abnormal, the light turns blue.
NET 	Network status indicator light	When the network connection is abnormal, the light turns blue.
POWER 	Power status indicator light	When the power connection is normal, the light is blue.
	USB 2.0 port	You can connect to peripheral USB 2.0 a storage device or mouse.

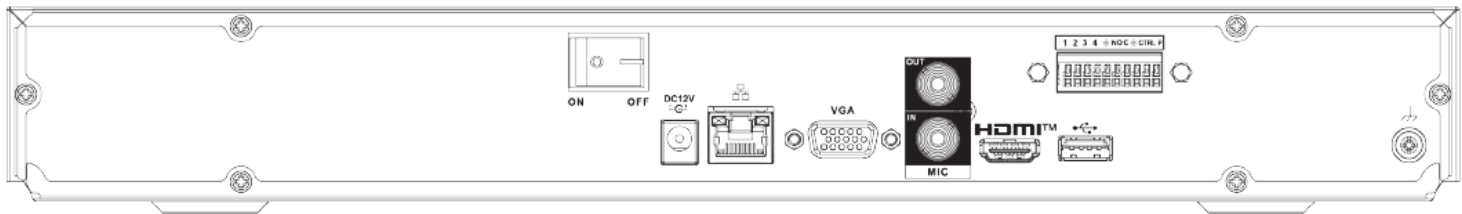


Figure 2: MyEye Video Recorder - rear panel

Table 2 - MyEye Video Recorder - Ports		
Port Name	Connection	Function
GND	Ground (GND)	Ground end
USB	USB port	USB connection for items such as a mouse or a USB storage device
HDMI	High-Definition Multimedia Interface	Output port for the transmission of video and multiple-channel data, HDMI version: 1.4
MIC IN	Audio input port	For receiving the analog audio signal output from devices such as a microphone or a pickup
MIC OUT	Audio output port	For outputting the analog audio signal to devices such as a sound box - Bidirectional talk output - Audio output on 1-window video monitor - Audio output on 1-window video playback
VGA	Video Graphics Array (VGA) video output port	For outputting analog video signal, can be connected to a monitor to view analog video
PoE	Power over Ethernet	Built-in switch, for providing power to a network camera
1 – 4	Alarm input port 1 – 4	Two types: - Normally open (NO) - Normally closed (NC) When your alarm input device uses external power, make sure this device and MyEye Video Recorder have the same ground.
	GND	Alarm input ground port
N1, N2	Alarm output ports	2 groups of alarm output ports - Group 1: port NO1–C1 - Group 2: port NO2–C2 Make sure there is power to the external alarm device. - NO: Normal open alarm output port - C: Alarm output public end
C1, C2		
	Network port	10/100/1000 Mbps self-adaptive Ethernet port - connect to the network cable
DC12V	Power input port	Power socket
	Power switch	Power on and off button

2.2 - MyEye Video Recorder Lite

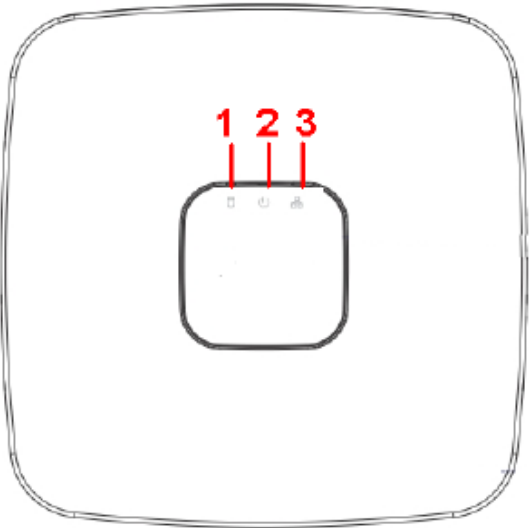


Figure 3: MyEye Video Recorder Lite - front panel

Table 3 - MyEye Video Recorder Lite - Icons on housing		
No.	Name	Function
1	HDD status indicator light	When Hard Disk Drive (HDD) is abnormal, the light turns red.
2	Power indicator light	When the power connection is normal, the light is red.
3	Network status indicator light	When the network connection is abnormal, the light turns red.

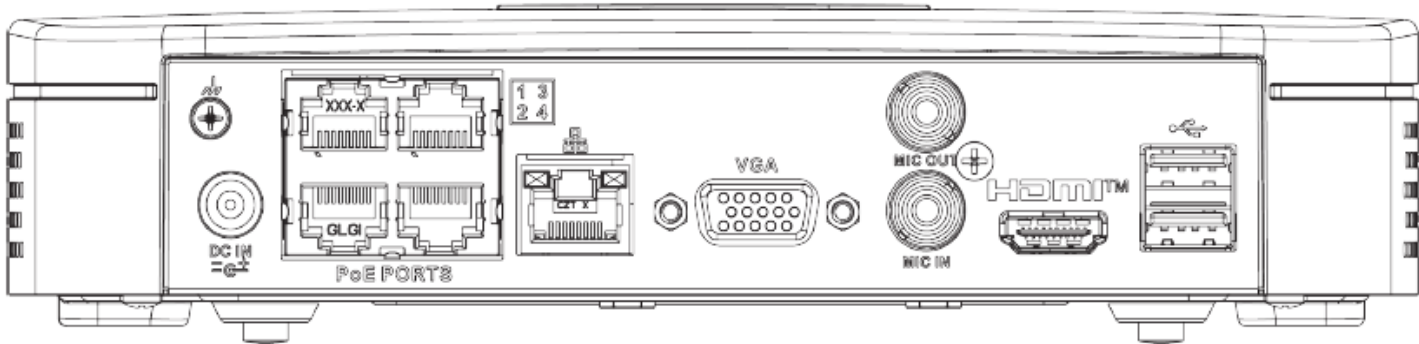


Figure 4: MyEye Video Recorder Lite - rear panel

Table 4 - MyEye Video Recorder Lite - Ports		
Port Name	Connection	Function
GND	Ground (GND)	Ground end
USB	USB port	USB connection for items such as a mouse or a USB storage device
HDMI	High-Definition Multimedia Interface	Output port for the transmission of video and multiple-channel data, HDMI version: 1.4
MIC IN	Audio input port	For receiving the analog audio signal output from devices such as a microphone or a pickup
MIC OUT	Audio output port	For outputting the analog audio signal to devices such as a sound box - Bidirectional talk output - Audio output on 1-window video monitor - Audio output on 1-window video playback
VGA	Video Graphics Array (VGA) video output port	For outputting analog video signal, can be connected to a monitor to view analog video
PoE	Power over Ethernet	Built-in switch, for providing power to a network camera
	Network port	10/100 Mbps self-adaptive Ethernet port - connect to the network cable
DC12V	Power input port	Power socket, for 4 PoE ports, input 48 VDC/1.25 A

2.3 - Alarm connection

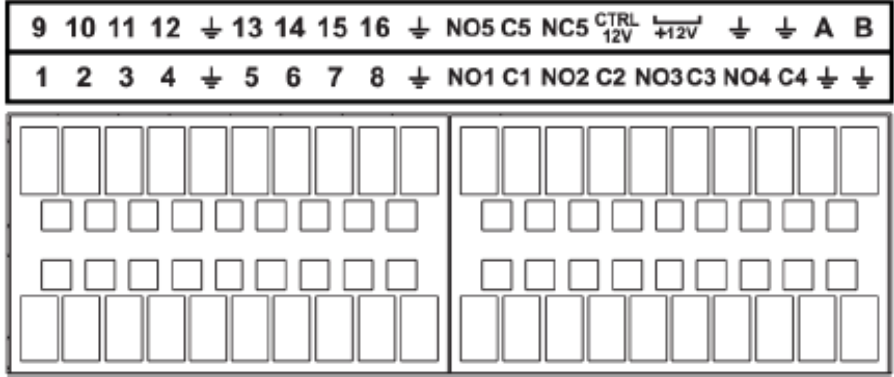


Figure 5: Alarm ports

Note
Figure 5 is for reference only.

Table 5 - MyEye Video Recorder - Icons on housing	
Icon	Function
1 - 16	ALARM1 – ALARM16. The alarm activates in the low level.
NO1 C1, NO2 C2, NO3 C3, NO4 C4	Four NO activation output groups (On-off button)
NO5 C5 NC5	One NO/NC activation output group (On-off button)
CTRL (CTRL 12 V)	Control power output. Disable power output when alarm is canceled. Current is 500 mA
P (+12 V)	Rated current output. Current is 500 mA
	GND
A/B	485 communication port used for controlling devices such as PTZ. Parallel connection of 120 TΩ between A/B cables if there are too many PTZ decoders.

2.3.1 - Alarm input port

Connect the positive end (+) of the alarm input device to the alarm input port (ALARM IN 1 – 16) of the recorder. Connect the negative end (-) of the alarm input device to the ground end () of the recorder.

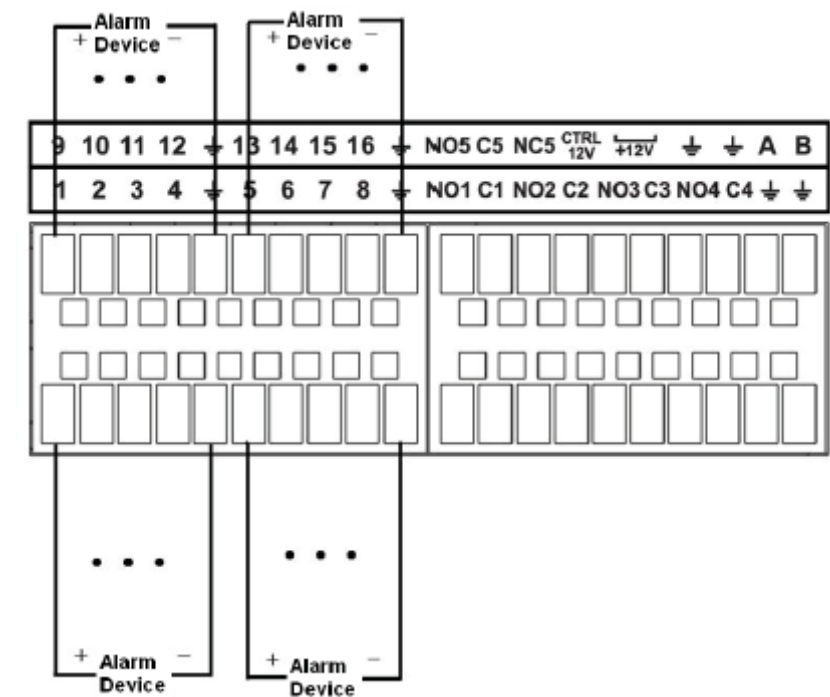


Figure 6: Alarm input port 1

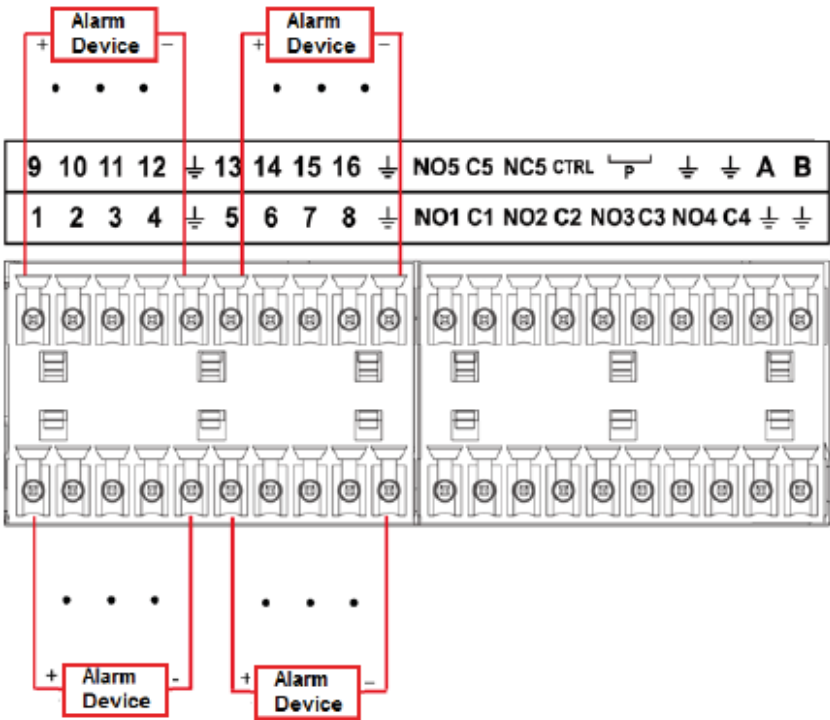


Figure 7: Alarm input port 2

- Notes**
- Different models of recorders support different alarm input ports.
 - There are two alarm input types: NO/NC
 - When connect the ground port of the alarm device to the NVR, you can use any of the GND ports ()
 - Connect the NC port of the alarm device to the alarm input port (ALARM) of the recorder.
 - When there is peripheral power supplying for the alarm device, make sure it's earthed with the recorder.

2.3.2 - Alarm output port

- There is peripheral power supplying for the external alarm device.
- Overload can result in the recorder damage. For more information, see a relay specifications.
- A/B cable of the RS-485 is for the A/B cable connection of the speed PTZ

2.3.3 - Alarm relay specifications

Table 6 - MyEye Video Recorder - Alarm relay specifications		
Material of the touch	Silver	
Rating (Resistance Load)	Rated switch capacity	30 VDC 2 A, 125 VAC 1 A
	Maximum switch power	125 VAC, 160 W
	Maximum switch voltage	250 VAC, 220 VDC
	Maximum switch currency	1 A
Insulation	Between touches with same polarity	1000 VAC 1 minute
	Between touches with different polarity	
	Between touch and winding	
Surge voltage	Between touches with same polarity	1500 V (10×160 μs)
Length of open time	3 ms max	
Length of close time		
Longevity	Mechanical	50 × 106 MIN (3 Hz)
	Electrical	200 × 103 MIN (0.5 Hz)
Temperature	-40 °C to +70 °C	

2.4 - Two-way talk

2.4.1 - Recorder-end to PC-end

- Procedure:
1. Connect the speaker or the pickup to the first audio input port on the recorder rear panel.
 2. Connect the earphone or the sound box to the audio output port in the PC.
 3. Log into the website and then enable the corresponding channel real-time monitor.
 4. Enable bidirectional talk. For more information, see Figure 8.

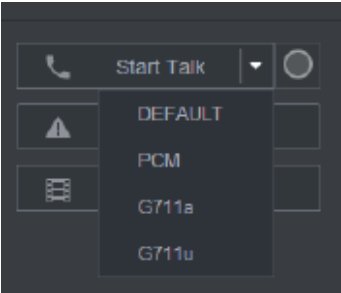


Figure 8: Enable two-way talk

5. At the recorder end, speak using the speaker or pickup, and get the audio from the earphone or sound box at the PC end.

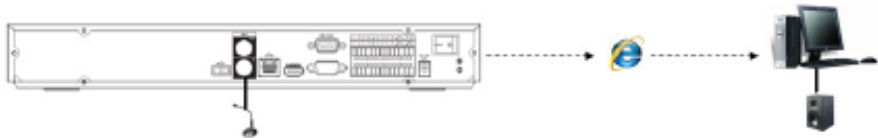


Figure 9: Recorder to PC

2.4.2 - PC-end to recorder-end

- Procedure:
1. Connect the speaker or the pickup to the audio output port in the PC.
 2. Connect the earphone or the sound box to the first audio input port on the recorder rear panel.
 3. Log into the website and then enable the corresponding channel real-time monitor.
 4. Enable bidirectional talk. For more information, see Figure 8.
 5. At the PC end, speak using the speaker or pickup, and get the audio from the earphone or sound box at the recorder end.

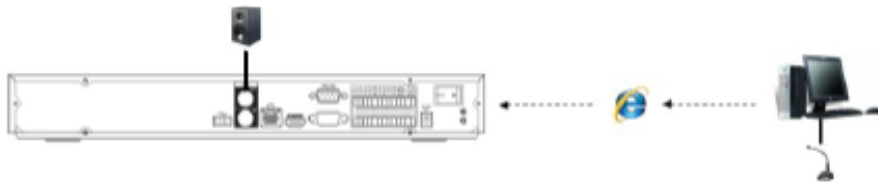


Figure 10: PC to recorder

3 INSTALLATION

Caution
All the installation and operations described here should conform to the local electric safety rules.

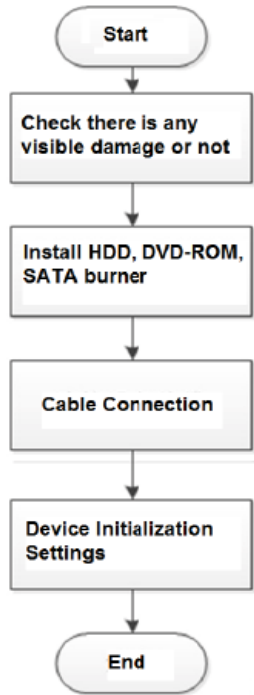


Figure 11: Installation flowchart

3.1 - Checking unpacked recorder

When you receive the recorder, check the following table with a checklist. If any of the items are missing or damaged, contact the local retailer or after-sales service.

Table 7 - MyEye Video Recorder Lite - Checklist			
Sequence	Item		Description
1	Overall packaging	Appearance	No obvious damage
		Package	Not distorted or broken
		Accessories	Nothing missing
2	The device	Appearance	No obvious damage
		Model	The model description is consistent with the contract.
		Label	Not torn up Note Keep the label. You need to provide the serial number while calling the after-sales service.

3.2 - HDD instalation

- During the first-time installation, check whether the hard drive disc (HDD) has been installed. It's recommended to use HDD of enterprise-level or surveillance level. It isn't recommended to use a PC HDD.
- Unplug the power cord before opening the cover to replace the HDD.
- Use the dedicated SATA HDD for monitoring, which is recommended by the HDD manufacturer.

3.2.1 - MyEye Video Recorder

1. Remove the four fixing screws on the rear panel.

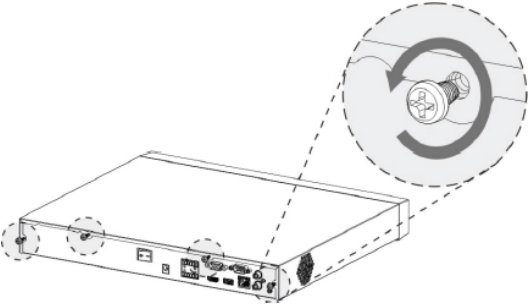


Figure 12: Removing screws

2. Remove the case cover along the direction shown in Figure 12.

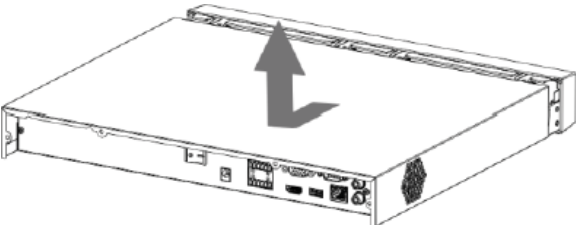


Figure 13: Removing cover

3. Match the four holes on the baseboard to place the HDD.

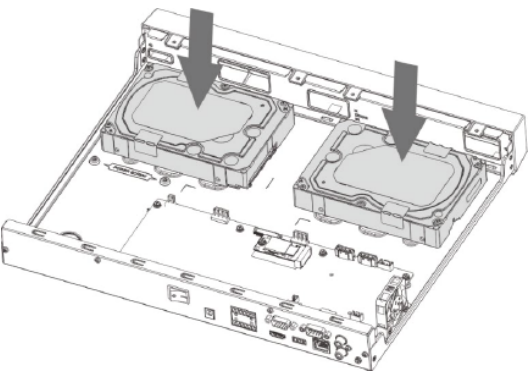


Figure 14: Aligning HDD

4. Turn the device upside down, match the screws with the holes on the HDD and fasten HDD.

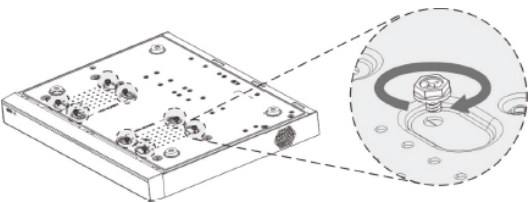


Figure 15: Fastening screws

5. Connect the HDD data cable and power cable to the device.

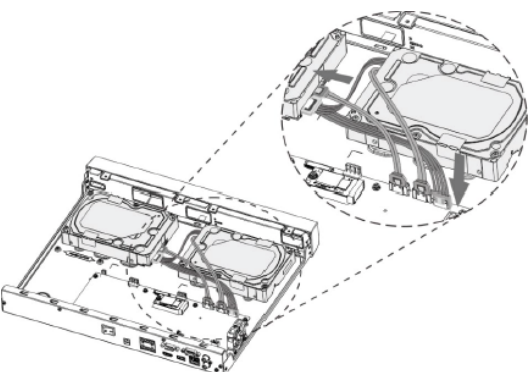


Figure 16: Connecting cables

6. Put back the cover and fasten the four screws on the rear panel to complete the installation.

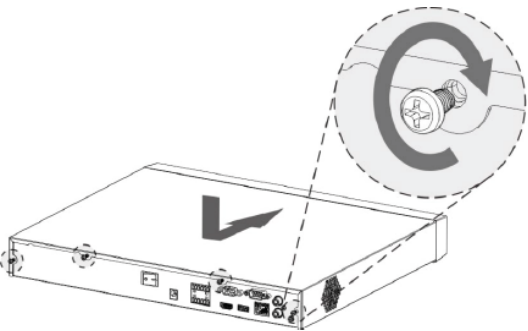


Figure 17: Putting back cover

3.2.2 - MyEye Video Recorder Lite

1. Loosen the screws of the bottom of the chassis.

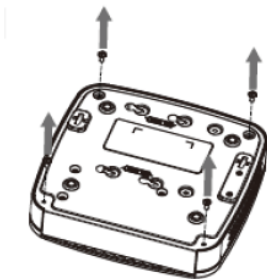


Figure 18: Lossening screws

2. Place the HDD in accordance with the four holes in the bottom.



Figure 19: Aligning HDD

3. Turn the device upside down and then secure the screws firmly.

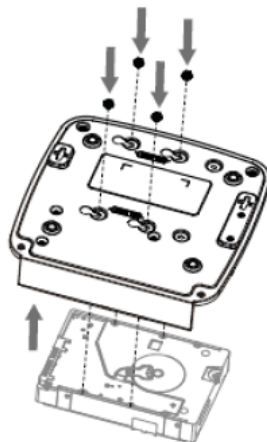


Figure 20: Securing screws

4. Connect the HDD cable to the HDD and power cable to the mainboard.

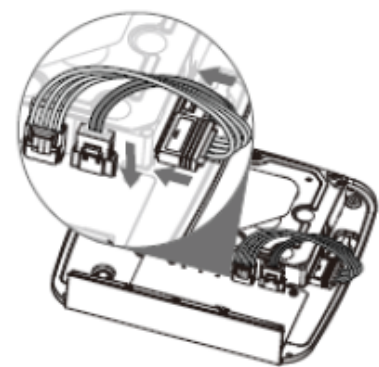


Figure 21: Connecting cables

5. Put the back cover and then fix the rear panel with the screws.

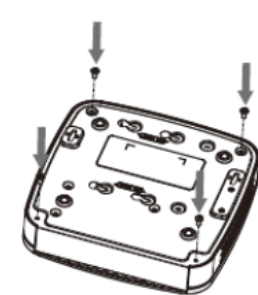


Figure 22: Fixing back cover.

4 FIRST USAGE

4.1 - Starting device

- For safety reasons, connect the recorder to the power adapter first and then connect it to the power socket.
- The rated input voltage matches the device power button. Make sure the power wire connection is OK. Then press the power button.
- Always use the stable current. If necessary, use UPS power supply.

Procedure:

1. Connect the device to the monitor and then connect a mouse.
2. Connect the power cable.
3. Press the power button on the front panel or turn on the power switch on the rear panel. After the device starts, the system is in multiple-channel display mode by default.

Note

The device verifies license during start-up. If the verification fails, the  icon appears on the screen. In this case contact the technical support.

4.2 - Configuration

- During the first-time usage, set a login password for the admin account (default user).
- We recommend setting password protection so that you can reset password in case you forget it.
- For safety reasons, change the password regularly.
- The default IP address of the device is **192.168.1.108**.

Procedure:

1. Start the device
2. Set region, time zone, and time and click **Next**.

Note

Click the  button to shut down the device. The system integrator or the user can shut down the device after setting the time zone.

3. Set the login password for the admin account and click **Next**.

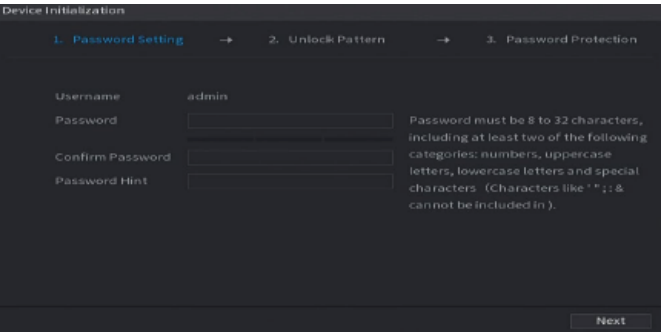


Figure 23: Setting password

Table 8 - MyEye Video Recorder - Password parameters	
Parameter	Description
User	By default, admin is the user.
Password	Enter the password for admin.
Confirm Password	Confirm the password
Password Hint	Enter the information that can remind you of the password. Note Click the  icon in the login window to display the password hint.

4. Set unlock pattern

Notes:

- The pattern must cross at least four points.
- Click **Skip**, if you don't want to configure the unlock pattern.
- Once you have configured the unlock pattern, the system requires the unlock pattern as the default login method. If you didn't configure the unlock pattern, you need to enter the password for login.



Figure 24: Drawing unlock pattern

5. Set password protection

Notes:

- After setting the password protection when you forget the password for the admin user, you can reset the password through the linked email address or security questions. For more information, see...
- If you don't need password protection, disable **Reserved Email** and **Security Question**.



Figure 25: Setting password protection

Table 9 - MyEye Video Recorder - Security question parameters	
Password Protection Mode	Description
Email Address	Enter the linked email address. Enter an email address for a password reset. If you forget the password, enter the security code that you get from the linked email address for resetting the admin password.
Security Questions	Configure the security questions and answers. If you forget the password, you can reset the password after entering the answers to the questions.

6. Click **Save**.

4.3 - Startup Wizard

Startup Wizard is displayed only when you log into the device for the first time or have restored the device to factory settings.

Procedure:

1. Tick **Auto Check for Updates** checkbox so that the system notifies you automatically when updates are available. Then click **Next**.

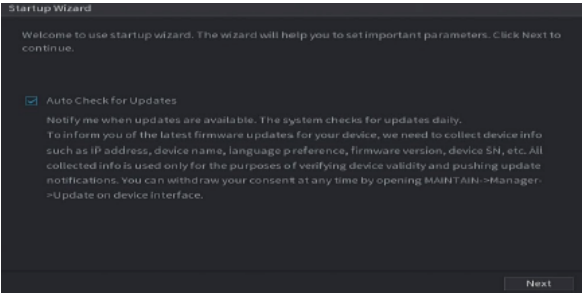


Figure 26: Startup wizard

2. Click the  icon to configure IP address.

Note

The number of network adapters can vary depending on models. Configure the IP address of the network adapter according to the actual connection situation.

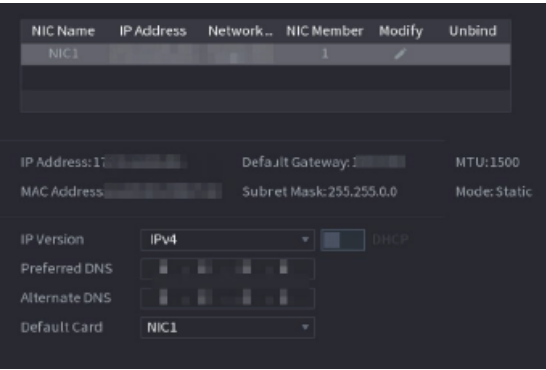


Figure 27: Editing network adapter

3. Configure parameters listed in the table below:

Table 10 - MyEye Video Recorder - Network parameters	
Parameter	Description
Network Mode	
Default Ethernet Port	Single network interface card (NIC) - Two network adapters work separately. If one of them is disconnected, the system network status is regarded as offline. Fault Tolerance - Two network adapters share one IP address. Normally only one is working. When this adapter fails, the other one starts working automatically to ensure the network connection. When you test the network status, the network is regarded as offline only when both network adapters are disconnected. The two network adapters are used under the same LAN. Load Balance - Two network adapters share one IP address working at the same time to share the network load averagely. If one of them fails, the other can continue working normally. When testing the network status, the network is regarded as offline only when both of the two network adapters are disconnected. The two network adapters are used under the same LAN. Note The device with single Ethernet port doesn't support this function.
IP Version	Select IPv4 or IPv6 . Both versions are supported for access.
DHCP	Enable the system to obtain automatically a dynamic IP address
MAC Address	Displays the MAC address of the device
IP Address	1. Enter the IP address and then configure the corresponding subnet mask and the default gateway.
Subnet Mask	2. Click Test to check whether there is conflict in IP address.
Default Gateway	Note IP address and default gateway must be on the same network segment.

Note

To unbind NIC on the **TCP/IP** page, click the  icon. The unbinding takes effect after the device restart.

4. Configure DNS server on the TCP/IP page.
This step should be performed when you enable the domain name service.
You can get DNS server address automatically or manually:
 - Automatically** - Enable DHCP server, if there is one in the network, for the device to get dynamic IP address.
 - Manually** - Select IP Version, and then configure the preferred DNS server and alternate DNS server.
5. Select the default NIC from the **Default Card** drop-down list and click **Next**.
6. To enable peer-to-peer (P2P) function, scan the QR code on the actual page and download the app.



Figure 28: QR codes for P2P

- 7. Register an account in the app.
- 8. Add the device to the app.

Note

Before using the P2P function, make sure that the device is connected to the WAN. The Status becomes **Online** after you configure successfully P2P.

- 9. Add cameras according to the actual situation.

Notes

- After adding cameras, you can view the video images transmitted from the cameras, and change camera configuration.
- The system supports adding camera through searching, manual add and batch add.
- To add cameras by searching:
 - a) Initialize the camera
 - b) Click **Search Device**. The found devices are displayed in the upper panel, excluding devices already added.

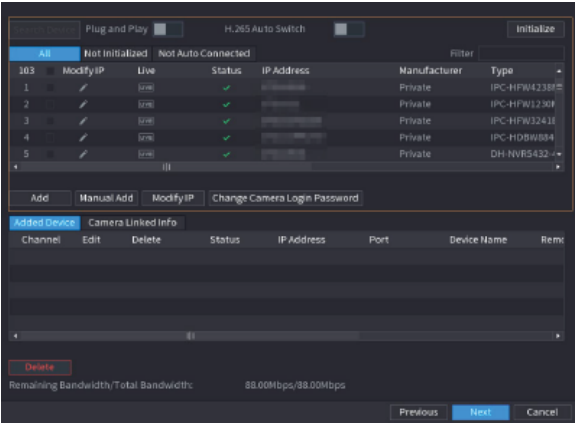


Figure 29: Searching for cameras

- c) To view the live image of a camera, click **LIVE** and then enter the user name and password. You can only view live images of cameras accessed through the private protocol.
 - d) To filter the remote devices, select device name from the **Filter** drop-down list.
 - e) To filter out the uninitialized devices, click the **Not Initialized** tab, and then you can initialize the devices remotely.
 - f) Optionally enable **Plug and Play** function.
When Plug and Play is enabled, the Device adds cameras automatically In the same LAN.
To view all remote devices added through Plug and Play, click the **Not Auto Connected** tab. You can remove devices added through Plug and Play, and they can be added automatically again after Plug and Play is enabled.
 - g) Enable **H.265 Auto Switch** so that the video compression standardswitches automatically to H.265
 - h) Double-click a camera, or select a camera and then click **Add** to register it to the **Added Device** list.
 - i) Click **Next**.
- 10. Manage HDD:
You can view HDD name, physical position, health status, capacity, and more.
To configure a property, select an option from the **Properties** drop-down list.
To format an HDD, select the HDD, and click **Format**.
 - 11. Click **OK** to confirm restart.
The configurations through startup wizard take effect after the device restarts.

5 LOGIN

1. Right-click the live page.
2. Click the shortcut menu.
3. If you have configured unlock pattern, the unlock pattern login window is displayed.
Click Forgot Pattern to switch to password login.
If you didn't configure unlock pattern, the password login window is displayed.
4. Draw unlock pattern, or enter password and then click **OK**.

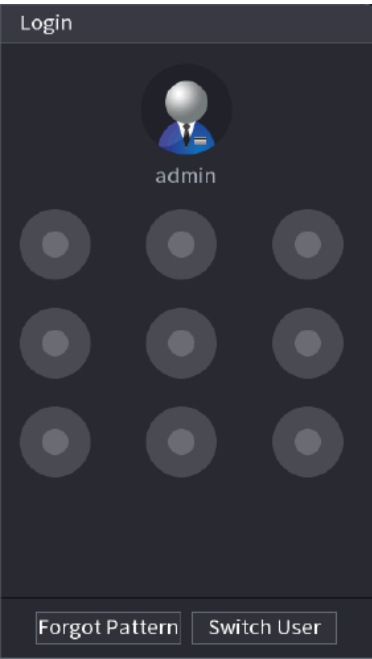


Figure 30: Unlock pattern login

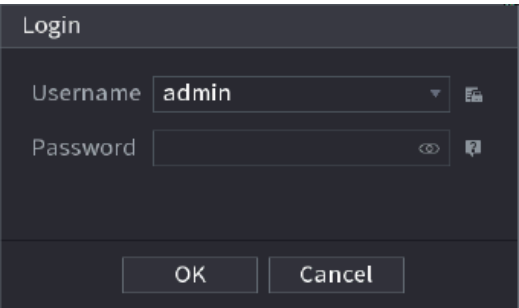


Figure 31: Password login

6 MAIN MENU

After login, right-click the live page, and then click **Main Menu**.

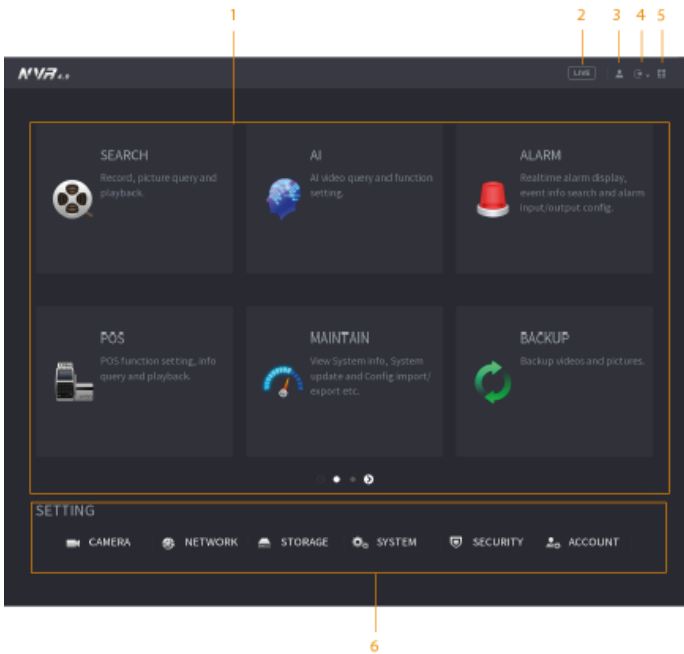


Figure 32: Main menu

Table 11 - MyEye Video Recorder - Main menu description	
No.	Description
1	Click each tile to open the corresponding configuration page.
2	Go back to the live view.
3	Point to the icon to view the current username.
4	Log out of, restart, or shut down the device.
5	Click the icon to get the QR codes of mobile client and device SN. You can add the device to the mobile client for remote management.
6	Configure the settings of camera, network, storage, system, security and account.

7 QUICK OPERATION BAR

You can click the icons in the main menu to go to the corresponding configuration page. After that, you can go to other function tiles or setting item through the quick operation bar.

This section uses ALARM and CAMERA as examples to show how to quickly access other modules.

Click **ALARM** to go to the ALARM page.

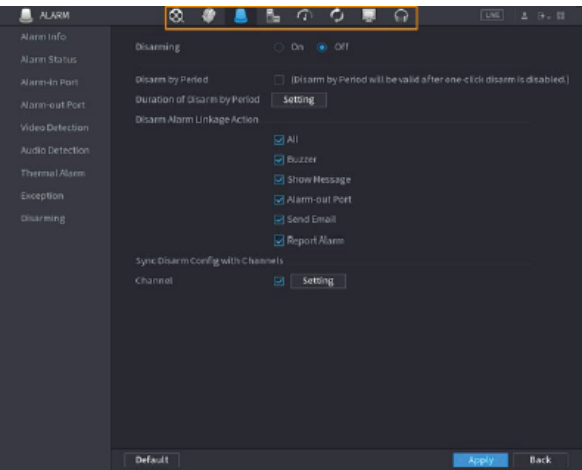


Figure 33: Quick operation bar - ALARM page

Table 12 - MyEye Video Recorder - Quick operation bar in ALARM section - description	
Icon	Description
	Go to the SEARCH page.
	Go to the ALARM page.
	Go to the AI page.
	Go to the POS page.
	Go to NETWORK page.
	Go to the MAINTAIN page.
	Go to the BACKUP page.
	Go to the DISPLAY page.
	Go to the AUDIO page.

Click **CAMERA** to go to the CAMERA page.

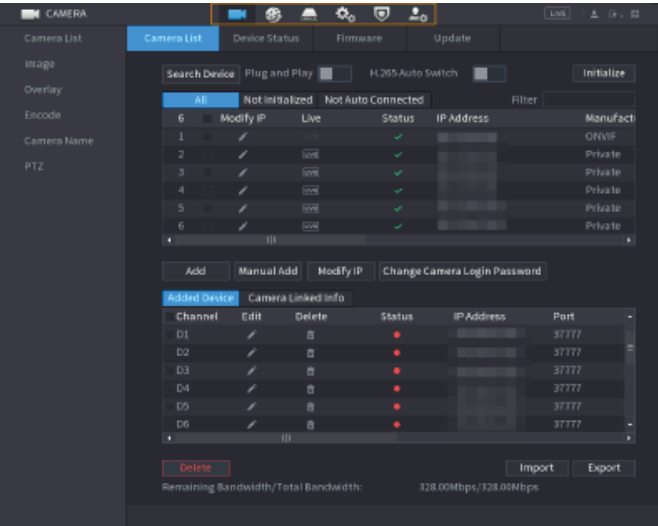


Figure 34: Quick operation bar - CAMERA page

Table 13 - MyEye Video Recorder - Quick operation bar in CAMERA section - description	
Icon	Description
	Go to the CAMERA page.
	Go to the NETWORK page.
	Go to the STORAGE page.
	Go to the SYSTEM page.
	Go to the SECURITY page.
	Go to the ACCOUNT page.

8

LIVE PAGE

After you logged in, the system goes to multiple-channel live view mode by default. You can view the live video of each channel.

8.1 - Live page

On the live view page, you can view the live video of each channel. The corresponding channel displays date, time, and channel name after you overlay this information.

Table 14 - MyEye Video Recorder - Icon description		
No.	Icon	Description
1		The current channel is recording.
2		Motion detection alarm occurs.
3		Video loss alarm occurs.
4		The current channel is in monitor lock status.
5		The recorder connects to the network camera remotely. Note This function is available on select models.

8.2 - Navigation bar

On the live view page, you can view the live video of each channel. The corresponding channel displays date, time, and channel name after you overlay this information.

To get the Navigation bar:

1. After login, right-click the live page, and select **Main Menu**.
2. Go to **System > General > Basic**.
3. Click the  icon.
4. On the live page, click any position and for the navigation to appear at the bottom.

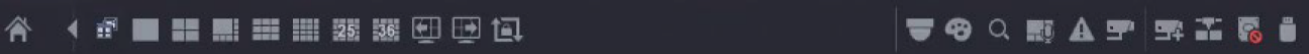


Figure 35: Navigation bar

Table 15 - MyEye Video Recorder - Navigation bar description	
Icon	Function
	Open Main Menu .
	Expand or condense the navigation bar.
	Select view layout.
	Go to the previous screen.
	Go to the next screen.
	Enable tour function. The icon switches to  . If you close the tour or the triggered tour operation has canceled, the device restores the previous preview video.
	Open the PTZ control panel.
	Configure image settings. This function is supported only in single-channel layout.
	Search for records.
	Open the Voice Broadcast page.
	Open the Alarm Status page to view the device alarm status.
	Open the Channel Info page to display the information of each channel.
	Open the Add Camera page.
	Open the NETWORK page.
	Open the Disk Manager page.
	Open the USB Management page. You can view USB information, back up files, and update the system.
	Switch to the sub screen.

8.3 - Live view control bar

Point to the top center of the video of current channel for the live view control bar to appear.
If your mouse stays in this area for more than 6 seconds and has no operation, the control bar automatically hides.

Note

Disable the navigation bar before using this function.



Figure 36: Live view control bar

Table 16 - MyEye Video Recorder - Live view control bar description	
No.	Name
1	Instant playback
2	Digital zoom
3	Instant backup
4	Manual snapshot
5	Two-way talk
6	Stream switch
7	Picture search
8	Quick pick/AcuPick

8.3.1 - Instant playback

You can play back the previous 5-60 minutes record of current channel.

Click the  icon for instant playback.

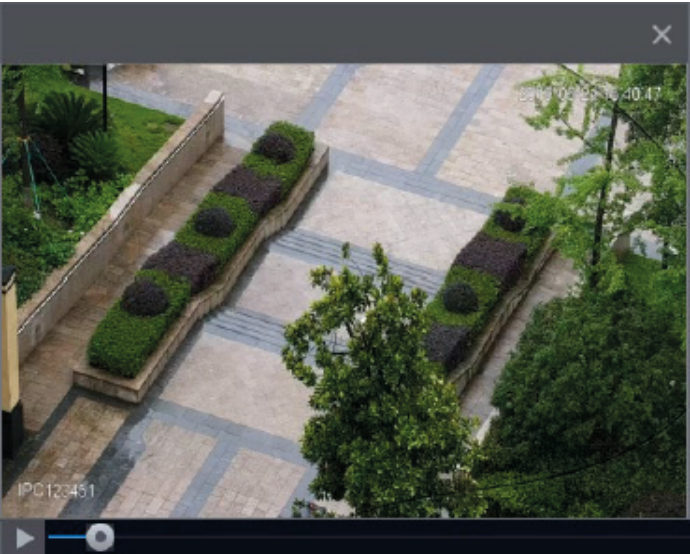


Figure 37: Instant playback

- Move the slider to choose the time you want to start playing.
- You can start, pause and close playback.
- The information such as channel name and recording status icon are shielded during instant playback and don't display until you exit playback.
- During playback, screen split layout switch isn't allowed.
- Tour has high higher priority than the instant playback. The instant playback function is not available when tour function is in process and the live view control bar automatically hides this function. It becomes available again after tour ends.
- Go to the **Main Menu > SYSTEM > General > Basic** to set instant playback time.

8.3.2 - Digital zoom

You can zoom in a specified zone of the current channel. The device supports multi-channel zoom. You can use the digital zoom clicking the  icon, which changes to . Select an area. The area is enlarged after you release the mouse button.

Note

For some models, when the image is enlarged in this way, the selected area is zoomed proportionally according to the window.

Point to the center that you want to enlarge, and then scroll the mouse to enlarge the area. When the image is in the enlarged status, you can drag the image toward any direction to viewthe other enlarged areas. Right-click to cancel zoom and go back to the original video image.



Figure 38: Zoom

8.3.3 - Instant backup

You can record the video of any channel and save the clip to a USB storage device. Click the  icon to start the recording. To stop the recording, click this icon again. The clip is automatically saved to the connected USB storage device.

8.3.4 - Manual snapshot

You can take one to five snapshots of the video and save to a USB storage device.

Click the  icon to take snapshots.

The snapshots are automatically saved to the connected USB storage device. You can view the snapshots on your PC.

To change the quantity of snapshots, go to **Main Menu > CAMERA > Encode > Snapshot >** in the **Manual Snapshot** list, select the snapshot quantity.

8.3.5 - Two-way talk

You can perform the voice interaction between the recorder and the remote device to improve efficiency of emergency.

Click the  icon to start two-way talk. The icon gets brighter. The rest two-way talk buttons of digital channel become dimmed.

Click the  icon again to cancel two-way talk.

8.3.6 - Stream switch

Click the  icon to switch the bit stream type of the main stream and sub stream according to current network bandwidth.

- **M - Main stream:** Its bit streams are big and definition is high. It occupies a large network bandwidth suitable, for example, for video wall surveillance, storage.
- **S - Sub stream:** Its definition is low but occupies a small network bandwidth. It's suitable, for example, for general surveillance, remote connection.

8.3.7 - Picture search

Select the image of target person on the live view page and then search by image for all the related videos with the target person.

Procedure:

1. Click the  icon. The live image is frozen.
2. Draw a search range according to the on-screen prompt, and click **OK**.

Note

You can adjust the searching area. Make sure that there are less than 30 faces in the selected range.

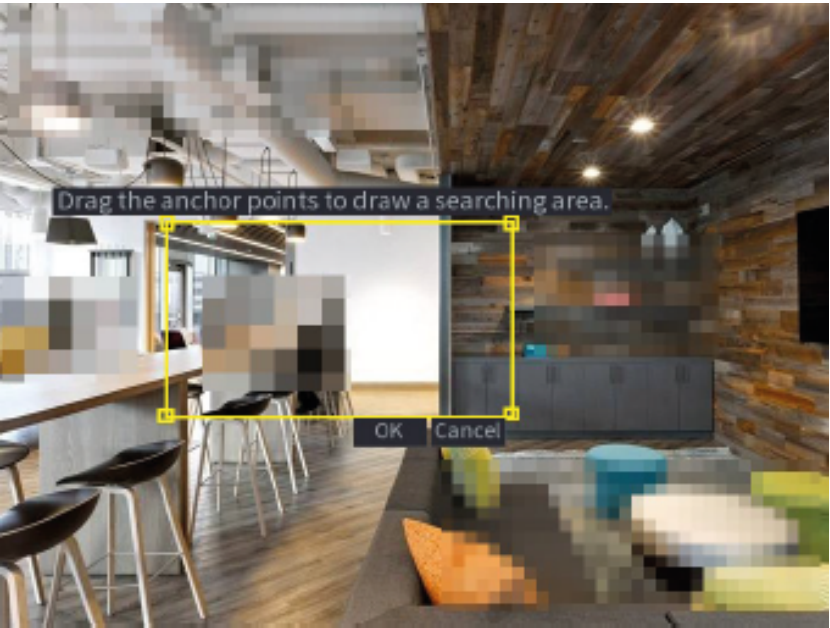


Figure 39: Drawing a searching range

3. Select the target face that you want to search for. You can select maximum 8 target faces.
4. Click **Search**. The search results are displayed.

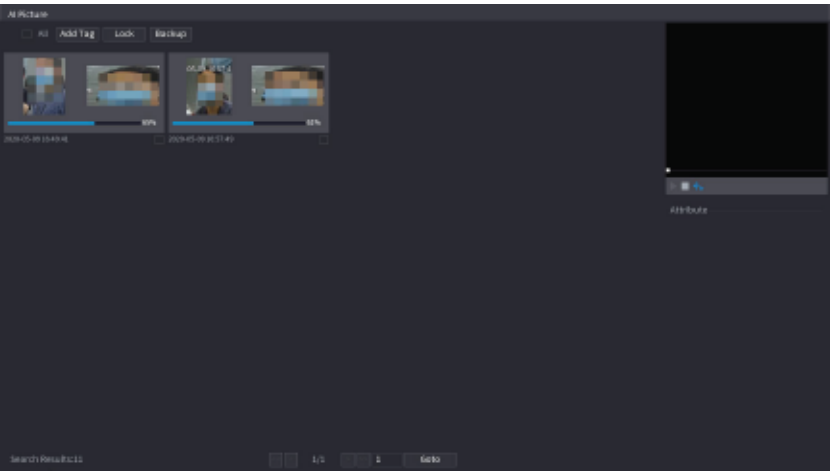


Figure 40: Picture search results

Related operations:

- Play video - Select the picture and then click the  icon to play back the video within 10 seconds before and after the snapshot. During playback, you can:
 - Click the  icon to pause.
 - Click the  icon to stop.
 - Click the  icon to display or hide the intelligent rules.
- Add a tag - Select the picture and click **Add Tag** to add a tag to the recorded video to find it faster.
- Lock a recorded video - If you want to keep the recorded video permanently, select the picture, and then click **Lock**.The locked video can't be overwritten or deleted.
- Back up a recorded video or picture - Select a picture, and click **Backup**. You can set save path, backup type, and file type,and then export the file to the external storage device.

8.3.8 - Quick pick

When connected with select IPC cameras, Quick Pick technology becomes available, allowing human and vehicle targets to be easily searched for and picked out.

Procedure:

1. Click the  icon to freeze the live page.
2. Drag the anchor points to draw a searching area.

Note

You can adjust the searching area. Make sure that there are less than 30 targets in the selected range.



Figure 41: Quick pick

3. Click **OK**. The search results are displayed.

Note

You can select up to 8 targets for search.

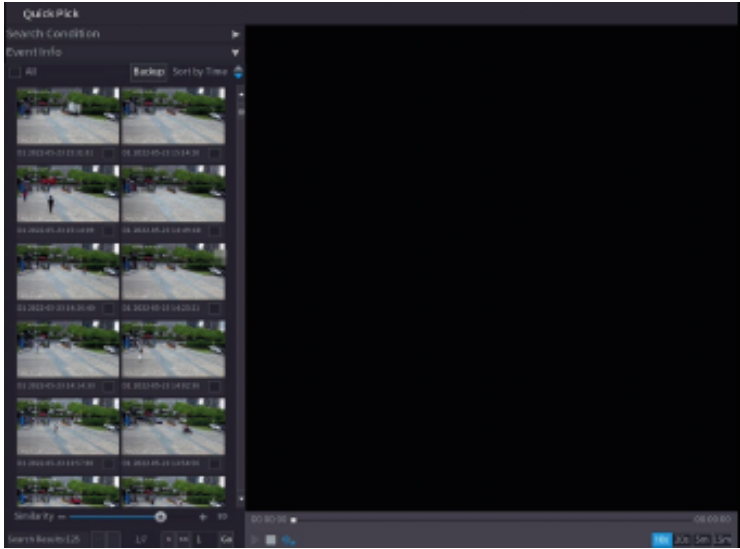


Figure 42: Search results

Optionally you can click **Search Condition** to change it, and then click **Search**.

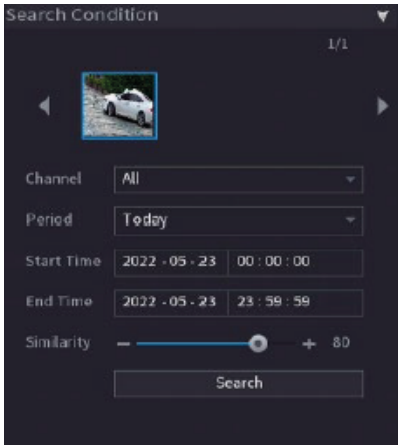


Figure 43: Search conditions

4. Hover over a search result to view the basic information including channel, start time, end time and target type. Double-click a result to play the video.

Note

You can select one or more search results and click **Backup** to back up the results.

30

8.3.9 - AcuPick

The AcuPick function enables searching for human bodies and motor vehicles in the live videos. The channel needs to support the AcuPick function, and the function needs to be enabled first.

Procedure:

1. Select a channel to play the live image.
2. Point to the top center of the video of current channel, and then the live view control bar appears.

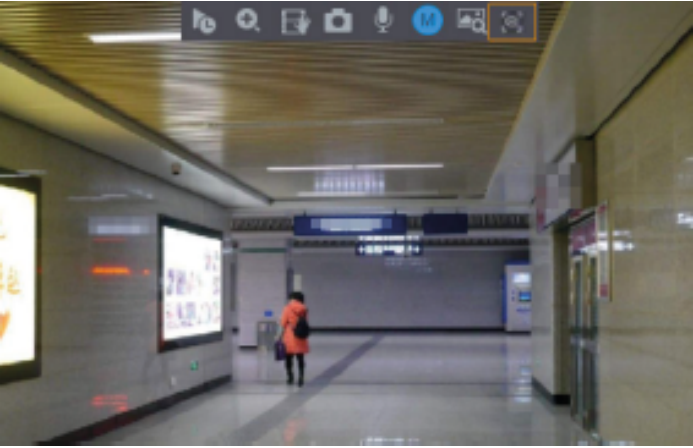


Figure 44: Live view control bar

3. When you want to search the target in the image, click the  icon to freeze the live page. The image automatically shows the targets.

Notes

- This function is for one-channel live view mode. In multiple-channel live view mode, double-click a channel to switch to one-channel live view mode.
- Supports human detection (blue detection box) and motor vehicle detection (yellow detection box).
- If you select AI Mode as Live Mode, when you enable AcuPick function, only the latest 5 records on the right side of the live page are displayed.

4. Point to the target, and click the  icon to check the details.

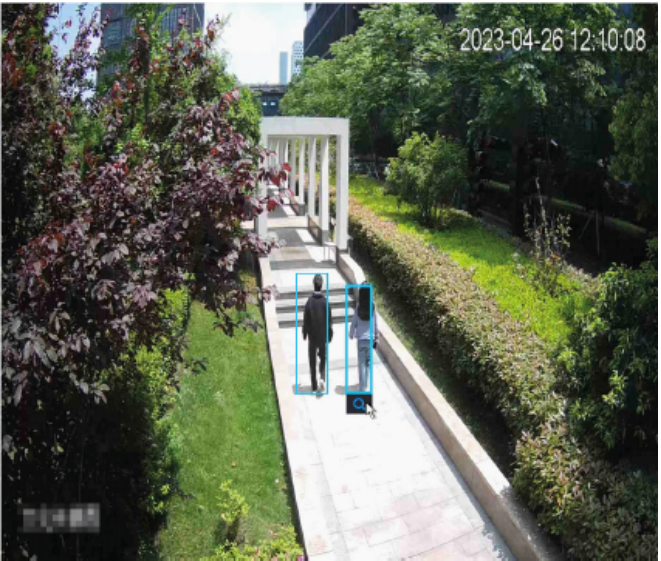


Figure 45: AcuPick - human detection

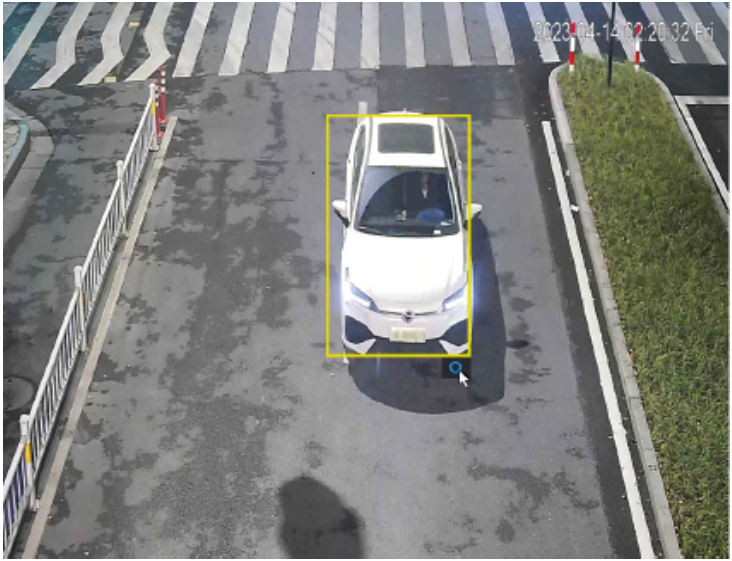


Figure 46: AcuPick - motor vehicle detection

5. Configure the search conditions as needed.

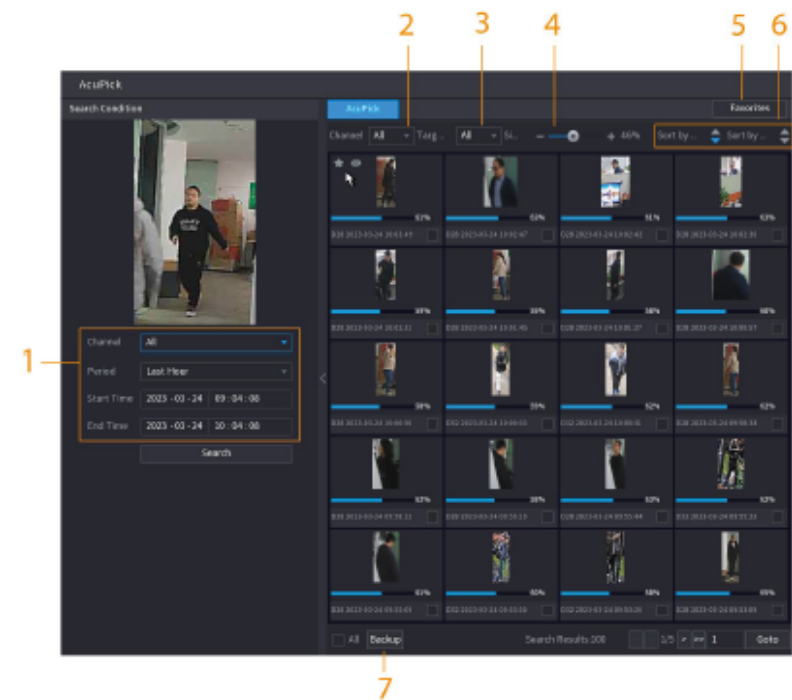


Figure 47: Search conditions and results

No.	Name	Description
1	Search Condition	Configure the channel and period. When choosing Custom , you can set the start time and end time as needed. Up to 7 days can be set.
2	Channel	Displays the channels with search result.
3	Target Filter	Select from All , Favorite Items and Hidden Items . When you select the target items, the device only searches in this item.
4	Similarity	Configure the search similarity according to the actual conditions. The recommended value is 80% or above.
5	Favorites	The system only searches the target in favorites.
6	Sort by Time/ Sort by Similarity	Reorder the search results by time or similarity.
7	Backup	You can select one or more search results, and click Backup to back up the results.

6. Select a result and double click it to check the video.

Notes

- Under 4K resolution, the video does not support full screen play on this page.
- By clicking the  icon, you can enable the AcuPick function again, freeze the image and search for the new target.

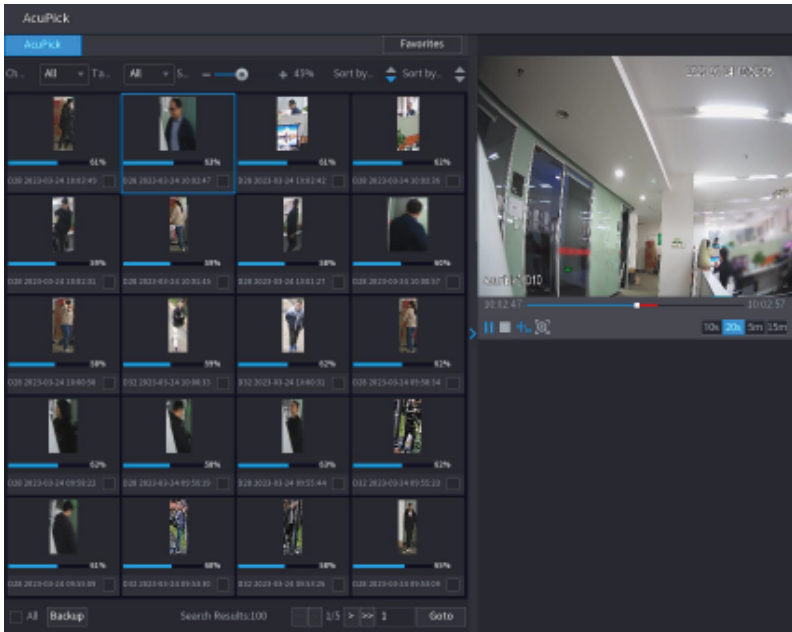


Figure 48: Checking the search video

8.4 - Shortcut Menu

Right-click the live view page to bring up the shortcut menu. Using the shortcut menu you can, for example, go to main menu, play back videos or images, configure view split, and configure the settings of PTZ, image. The shortcut menu is different for different models

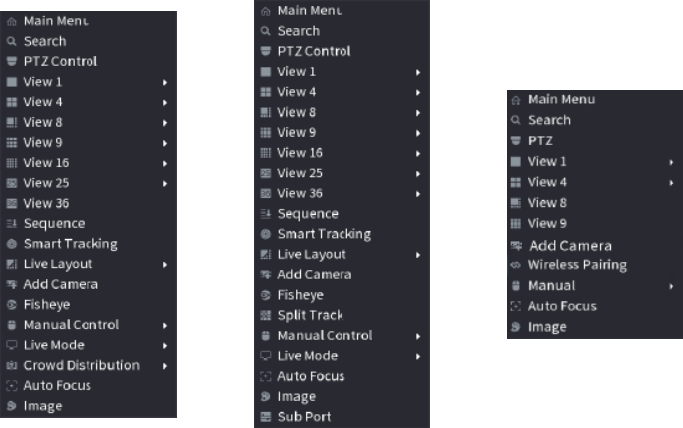


Figure 49: Examples of shortcut menu

Function	Description
Main Menu	Go to main menu
Search	Search and play back videos or images
PTZ Control	Open the PTZ control panel
View 1/4/8/9/16/25/36	Configure the live view screen as a single-channel layout or multi-channel layout
Sequence	Set customized screen split mode and channels
Add Camera	Add cameras to the device.
Wireless Pairing	Quickly add inter-process communications (IPCs)
Split Track	Split the screen of a certain channel
Manual Control	Record Mode: You can configure the recording mode as Auto or Manual, or stop the recording. You can also enable or disable snapshot function. Alarm Mode: You can configure alarm output settings.
Live Mode	Select General or AI Mode . In the AI Mode, the information of detected face, human or vehicles are displayed on the right side of the live page.
Crowd Distribution	Select On or Close to enable or disable crowd distribution function
Auto Focus	Click to realize auto focus function Note Make sure the connected camera supports this function.
Image	Click to modify the camera image parameters
Sub Screen	Click Sub Screen to switch the current monitor to the sub screen
Smart Tracking	Enable smart tracking to track targets manually or automatically
Mirror Sub Screen	Displays the image of the sub screen on the main screen

8.5 - AI Live View Mode

When you select AI mode, the system displays information of human face on the right side of the live page, and it supports to play back records and display feature attributes.

Note
To support this function, you need to enable face detection. For more information, see [19.3 - Face detection](#)

- Procedure:
1. Right-click the live page, and then set **AI Mode** as **Live Mode**.

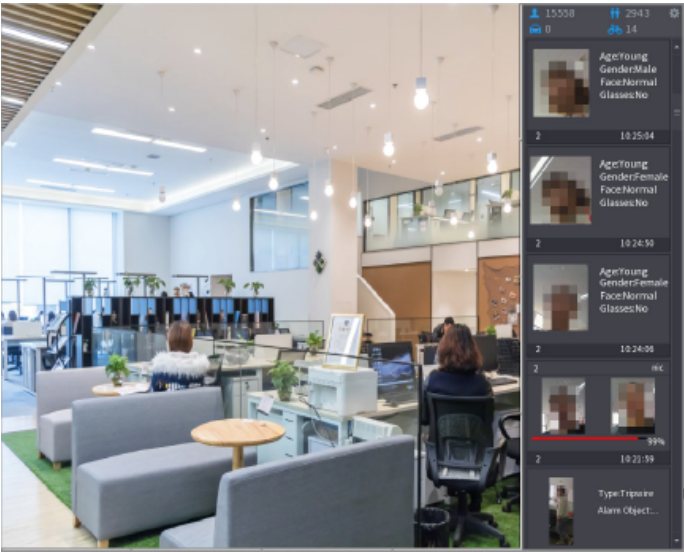


Figure 50: AI live view

2. Optionally: Double-click the image on the right to play the corresponding video.
3. Click the  icon, and select the face attributes that you want to display. You can select up to four attributes.

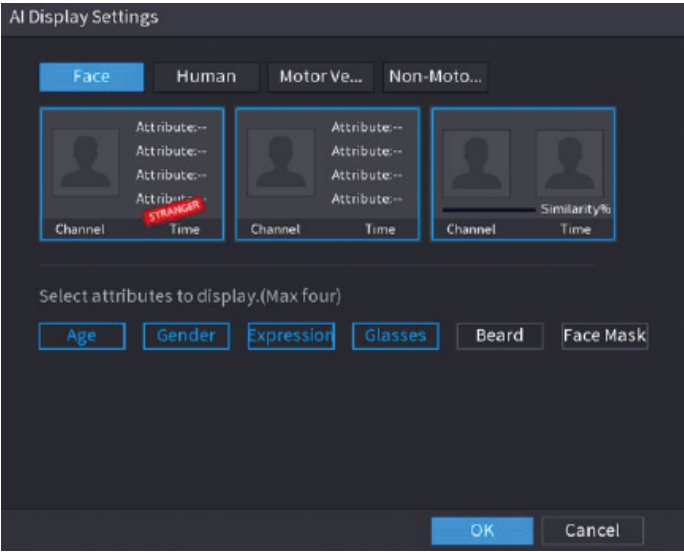


Figure 51: Face vehicle properties

4. Click **OK**.
- Note**
The system can display four attributes at most.

8.6 - Split tracking

You can track window split for a certain channel.

Note
This function is for select models only.

- Procedure:
1. Right-click the live page, and select **Split Track**.

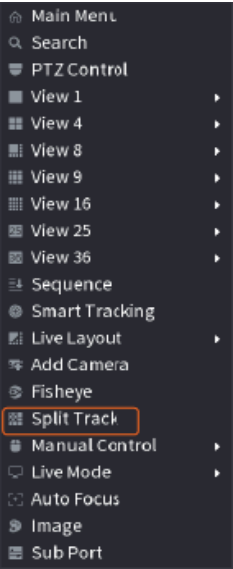


Figure 52: Split track

2. Select a split mode.

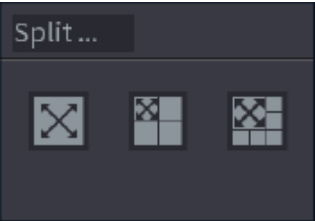


Figure 53: Split mode

- Split mode includes:
- Full screen
 - One main screen + three split screens
 - One main screen + five split screens.
- You can move the rectangles with color to adjust the videos displayed on split screens.
You can scroll the mouse in split screens to zoom in or out the video.



Figure 54: Split display

Pan-tilt-zoom (PTZ) is a mechanical platform that carries a camera and a protective cover and performs overall control remotely. A PTZ can move in both horizontal and vertical direction to provide all-around view to the camera.

Note
Before you control the PTZ, make sure the PTZ decoder and the NVR network connection is OK.

9.1 - PTZ Settings

You can set different PTZ parameters for **local** and **remote** type of connection.

- **Local** - The PTZ device is connected to the recorder with a cable. You need to set PTZ protocol to use local PTZ connection.
- **Remote** - The PTZ device is connected to the recorder through the network. This function is available on select models.

Procedure:

1. Go to: **Main menu > Camera > PTZ.**

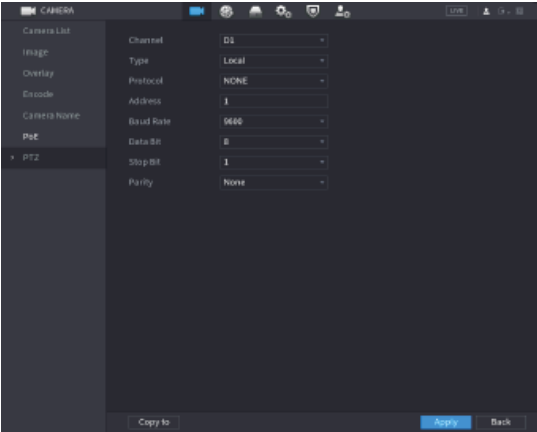


Figure 55: Local PTZ

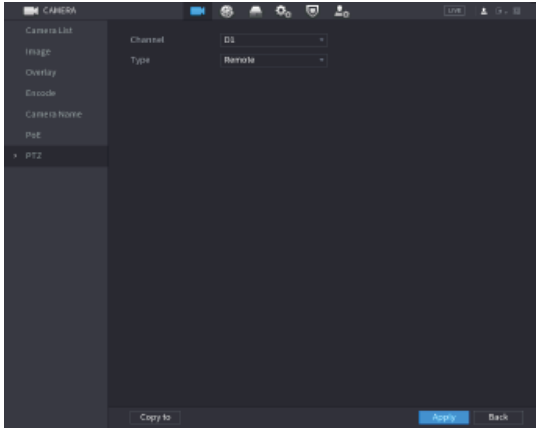


Figure 56: Remote PTZ

2. Configure parameters listed in the table below:

Table 19 - MyEye Video Recorder - PTZ parameters	
Parameter	Description
Channel	Select the channel that you want to connect the PTZ camera to.
Type	• Local - Connect through RS-485 port. • Remote - Connect through network by adding IP address of PTZ camera to the recorder
Protocol	Select the protocol for the PTZ camera such as PELCOD.
Address	Enter the address for PTZ camera. The default is 1 . Note The entered address must be the same as the address configured on the PTZ camera; otherwise the system can't control PTZ camera.
Baud rate	Select the baud rate for the PTZ camera. The default is 9600 .
Data Bit	The default value is 8 .
Stop Bit	The default value is 1 .
Parity	The default value is None .

3. Click **Apply**.

9.2 - PTZ control

You can use the PTZ control panel to perform the operations such as moving camera in eight directions, quick positioning, adjusting zoom, focus and iris settings.

9.2.1 - Basic PTZ control panel

Right-click the live page, and then select **PTZ Control**.

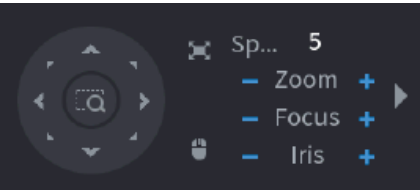


Figure 57: Basic PTZ control panel

The gray button means system doesn't support current function.

For some model, the PTZ function is available only in one-window mode.

Table 20 - MyEye Video Recorder - PTZ control parameters	
Parameter	Description
Speed	Controls the movement speed. The bigger the value, the faster the movement.
Zoom	- Zoom out. - Zoom in.
Focus	- Focus far. - Focus near.
Iris	- Image darker. - Image brighter.
PTZ movement	Supports eight directions.
	Fast positioning button. • Positioning - Click the icon, and the click any point on the live page. PTZ turns to this point and locates it in the center. • Zooming - Click the icon, and then drag to draw a square on the view. The square supports zooming. Drag upward to zoom out, and drag downward to zoom in. The smaller the square, the larger the zoom effect. Note This function is available on select models, and can only be controlled through mouse operations.
	Click the icon to control with a mouse four directions (left, right, up, and down) of PTZ movement.
	Open the expanded PTZ control panel.

9.2.2 - Expanded PTZ control panel

On the basic PTZ control panel, click the icon to open the expanded PTZ control panel

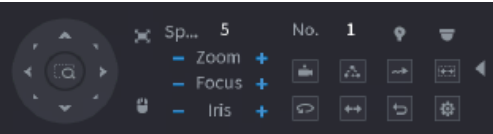


Figure 58: Expanded PTZ control panel

The gray button means system doesn't support current function.

Right-click once to return to the page of PTZ basic control panel.

Table 21 - MyEye Video Recorder - PTZ functions	
Icon	Function
	Preset
	Tour
	Pattern
	Scan
	AUX Switch
	Pan
	Flip
	Reset
	Click the AUX Config icon to open the PTZ functions settings page
	Click the Enter Menu icon to open the PTZ Menu page.

9.3 - Configuration of Present function

- Procedure:
1. On the expanded PTZ control panel, click the  icon.
 2. Click the direction arrows to the required position.
 3. In the **Preset** box, enter the value to represent the required position.
 4. Click **Setting** to complete the preset settings.

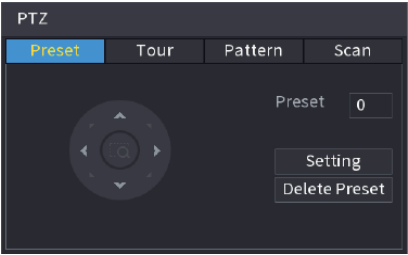


Figure 59: Configuration of Present function

9.4 - Configuration of Tour function

- Procedure:
1. On the expanded PTZ control panel, click the  icon.
 2. Click the **Tour** tab.
 3. In the **Tour No.** box, enter the value for the tour route.
 4. In the **Preset** box, enter the preset value.
 5. Click **Add Preset**. A preset is added for this tour.

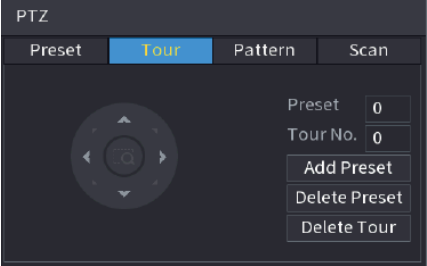


Figure 60: Configuration of Tour function

You can repeat adding more presets.
Click Delete Preset to delete the preset for this tour. This operation can be repeatedto delete more presets. Some protocols do not support deleting.

9.5 - Configuration of Pattern function

- Procedure:
1. On the expanded PTZ control panel, click the  icon.
 2. Click the **Pattern** tab.
 3. In the **Pattern box** enter the value for pattern.
 4. Click Start to perform the directions operations. You can also go to the PTZ Control Panel to perform the operations of adjusting zoom, focus, iris, and directions.
 5. In the **PTZ** window, click **End** to complete the settings.

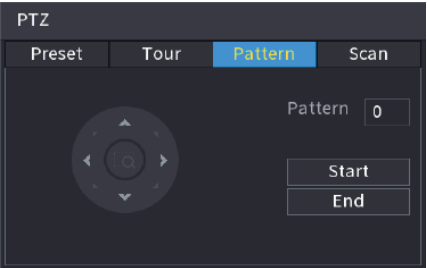


Figure 61: Configuration of Pattern function

9.6 - Configuration of AutoScan function

- Procedure:
1. On the expanded PTZ control panel, click the  icon.
 2. Click the **Scan** tab.
 3. Click the direction arrows to position the left and right limits.

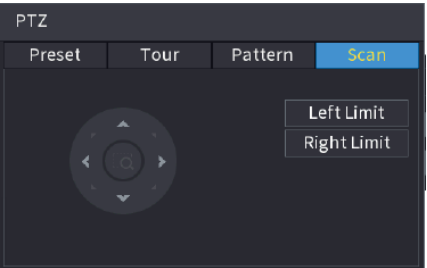


Figure 62: Configuration of Scan function

9.7 - Using PTZ Functions

After you have configured the PTZ settings, you can use the PTZ functions from the expanded PTZ control panel.

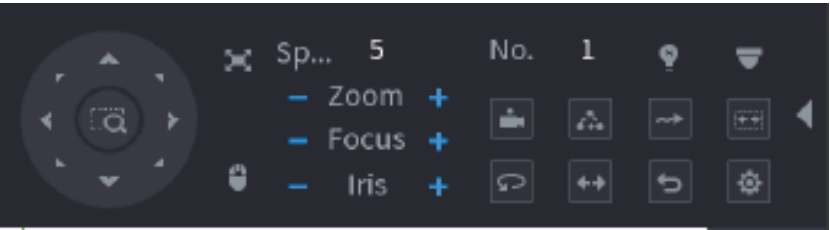


Figure 63: Expanded PTZ control panel

Present

- On the expanded PTZ control panel, in the **No.** box, enter the value of the preset.
- Click the  icon to call the preset.
- Click the  icon again to stop calling the preset.

Tours

- On the expanded PTZ control panel, in the **No.** box, enter the value of the tour.
- Click the  icon to call the tour.
- Click the  icon again to stop calling the tour.

Patterns

- On the expanded PTZ control panel, in the **No.** box, enter the value of the pattern.
- Click the  icon to call the pattern. The PTZ camera moves according to the configured pattern repeatedly.
- Click the  icon again to stop calling the pattern.

AutoScan

- On the expanded PTZ control panel, in the **No.** box, enter the value of the border.
- Click the  icon. The PTZ camera performs scanning according to the configured borders.
- Click the  icon again to stop auto scanning.

Calling AutoPan

- On the expanded PTZ control panel click the  icon to start moving in horizontal direction.
- Click the  icon again to stop moving.

Auxiliary Button

- On the expanded PTZ control panel click the  icon
- In the **Shortcut Aux** list, select the option that corresponds to the applied protocol.
- In the **Aux No.** box, enter the number that corresponds to the AUX switch on the decoder.

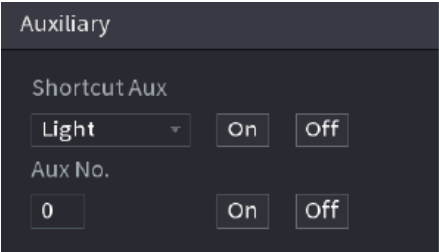


Figure 64: Auxiliary

10 EPTZ

10.1 - Configuring EPTZ linkage

The electronic Pan, Tilt, and Zoom (EPTZ) function can simultaneously zoom in and track multiple people and vehicles that trigger alarms. It provides rich details and a panoramic view at the same time.

Procedure:

- Right-click the live page, and select **Main menu**.
- Go to **CAMERA > EPTZ Linkage**.
- Configure the parameters from the table below:

Table 22 - MyEye Video Recorder - Parameters description	
Parameter	Description
Channel	Select the linkage channel.
Display Mode	Select the number of tracked channels. Full screen, 1+1, 1+3 and 1+5 modes are available. Full screen is selected by default.
Linkage Track	After Linkage Track is enabled, intelligent events are tracked. The function is disabled by default.
Tracking Duration	You can select Continue till object disappears or Custom from the Tracking Duration dropdown list. Custom range is 5 – 300 seconds. For example, you can set the custom range from 30 s to 60 s. After tracking target A for 30 s, when target B appears, the device starts tracking target B. If no new target appears during the tracking of target A, the device stops tracking A after 60 s.

- Click **Apply**.

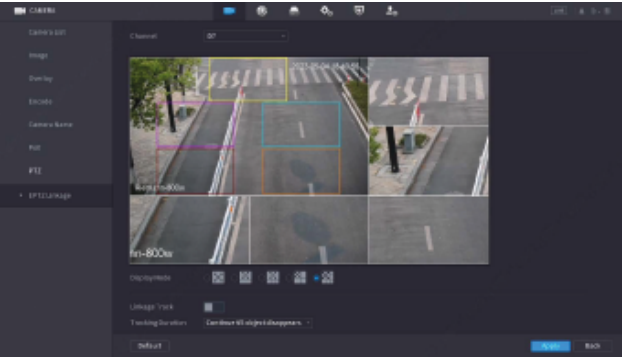


Figure 65: EPTZ linkage

10.2 - EPTZ live view

Right-click the live page, and select **EPTZ**. Enable EPTZ to view local EPTZ live videos. According to the EPTZ configuration of the corresponding channel, you can see split image and tracking display effects. When switching to splitting, live view layout or channel order, the device automatically exits the EPTZ live view mode. When switching to main menu or playback page, the device exits that page and returns to EPTZ live view mode.

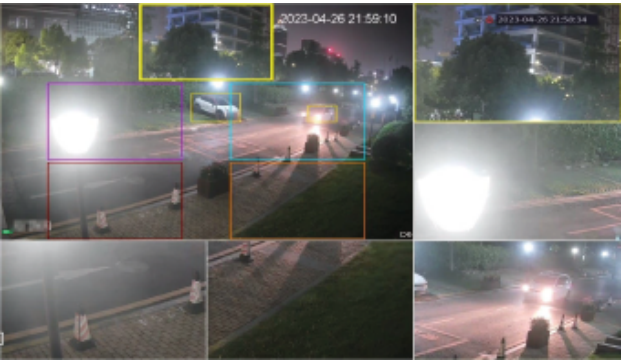


Figure 66: EPTZ live view

11 WIRELESS PAIRING

You can use the wireless pairing to quickly add inter-process communications (IPCs) to the recorder. Make sure that the IPC and recorder are in the same network segment. Right-click the live page, and then select **Wireless Pairing**. The system starts a 120-second pairing countdown. You can see the video of the paired IPC after pairing is successful.



Figure 67: Wireless pairing

12 SEQUENCE

You can configure the sequence of the channels displayed on the live page. Procedure: 1. Right-click the live page, and select **Sequence**. The system automatically switches to the max split amount mode. The channel list on the Sequence panel is displayed.  means camera is online.  means camera is offline.



Figure 68: Sequence

2. On the Sequence panel, drag the channel to the desired window, or drag on the live window to switch the position. Check the channel number at the right bottom corner to view the current channel sequence.

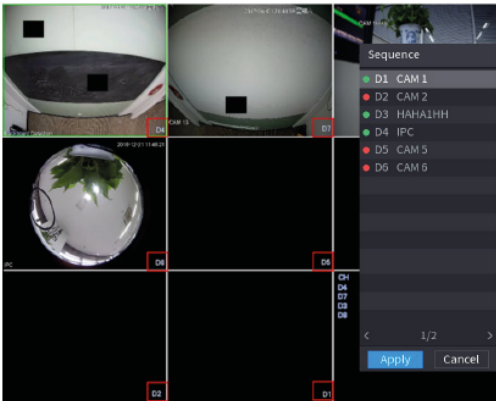


Figure 69: Channel number

3. Click **Apply**. You can change the channel sequence. Click **Cancel** or right-click the live view page. The system prompts you whether to save the sequence change.

- Click **OK** to save current settings.
- Click **Cancel** to exit without saving the settings.

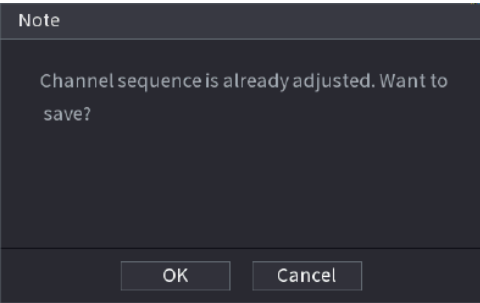


Figure 70: Note for saving sequence

13.1 - Fisheye de-warp on live view page

The fisheye camera (panoramic camera) has wide video of angle but its video is seriously distorted. The de-warp function can present the proper and vivid video suitable for human eyes.

On the live page, right-click the fisheye channel, and select **Fisheye**. You can set fisheye installation mode and display mode.

For the non-fish eye channel, the system prompts you it isn't a fisheye channel and doesn't support de-warp function.

If system resources are insufficient, the system prompts you the de-warp function is notavailable.

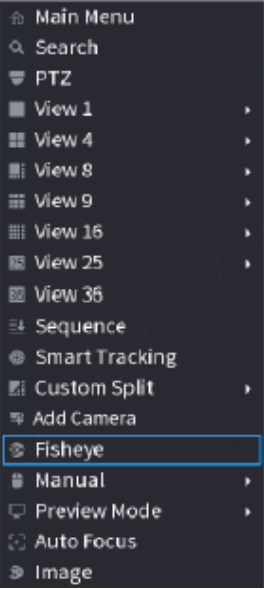


Figure 71: Fisheye in menu

There are three installation modes: ceiling mount, wall mount, and ground mount.

The different installations modes have different de-warp modes.

Some models support de-warp of 180° fisheye camera. 180° fisheye camera supports de-warp in the wall mount mode only.

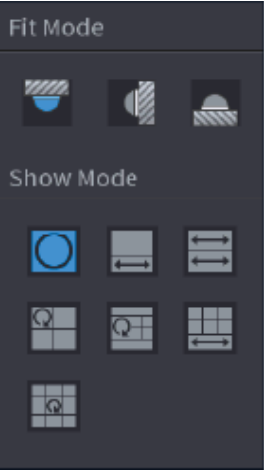


Figure 72: Fisheye settings

Table 23 - MyEye Video Recorder - Fisheye installation mode		
Installation mode	Icon	Description
 Ceiling mount  Ground mount		360° panorama original view
		1 de-warp window+1 panorama stretching
		2 panorama stretching views
		1 360° panorama view+ 3 de-warp windows
		1 360°panorama view+ 4 de-warp windows
		4 de-warp windows+1 panorama stretching
		1 360° panorama view+8 de-warp windows
 Wall mount		360°panorama original view
		Panorama stretching
		1 panorama unfolding view+3 de-warp windows
		1 panorama unfolding view +4 de warp windows
		1 panorama unfolding view +8 de warp windows



Figure 73: De-warp

You can adjust the color pane on the left pane or use your mouse to change the position of the small images on the right pane to realize fish eye de-warp.

Use mouse to zoom in, zoom out, move, and rotate the image. This function isn't available for mount mode.

13.2 - Fisheye de-warp during playback

When playing back the fisheye record file, you can use de-warp function to adjust video.

Procedure:

- 1. Click **BACKUP** in the main menu.
- 2. Select 1-window playback mode and corresponding fish eye channel, click the  icon to play.
- 3. Right-click the  icon and then you can go to the de-warp playback page. For more information, see Figure 82.

14 TEMPERATURE MONITORING

When the recorder connects to the camera that supports temperature detection, the system can display instant temperature. The system can collect human temperature in the surveillance video. This function is available on select models.

Procedure:

1. Go to **Main Menu > DISPLAY > Display** to enable the temperature test function.
2. On the live page, click any position on the thermal channel video. The temperature at the position is displayed.



Figure 74: Temperature display

15 SMART TRACKING

You can track targets manually or automatically. This function is only available on the multi-sensor panoramic camera + PTZ camera.

Note

Make sure that the linked tracking function has been enabled.

Procedure:

1. Right-click the live video, and select **Smart Tracking**.
2. Select the tracking method:
 - Manual positioning - Click a spot or select a zone in the bullet camera video. The PTZ camera rotates automatically there and zoom in.
 - Manual tracking - Click or select a target in the bullet camera video. The PTZ camera rotates automatically and tracks it.
 - Automatic tracking - The tracking action is automatically triggered by trip wire or intrusion alarms according to the pre-defined rules.

16 CAMERAS

MyEye Video Recorder and MyEye Video Recorder Lite support cameras produced by AXIS, ACTi, Arecont, Bosch, Brikcom, Cannon, CNB, CP PLUS, Dynacolor, Honeywell, LG, Imatek, Panasonic, PELCO, Samsung, Sony, and SANYO.

16.1 - Shortcut menu to add camera

You can add cameras on the live page.

Procedure:

1. On the live page, point to a channel window.
2. Click the **+** icon to add the remote device For more information, see **16.2 - Initializing remote devices**.

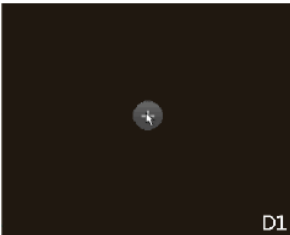


Figure 75: Adding icon

16.2 - Initializing remote devices

You can change the login password and IP address of a remote device when you initialize it.

When you connect a camera to the recorder through the PoE port, the recorder initializes automatically the camera. The camera adopts the recorder current password and email information by default.

When you connect a camera to the recorder through the PoE port, after the recorder is upgraded to the new version, it might fail to initialize the camera. In this case you need to initialize the camera manually.

Procedure:

1. Log in to the local system of the device.
2. Right-click the live page and then select **Main Menu > CAMERA > Camera List > Camera List**.
3. Click **Uninitialized**, and then click **Search Device**. The device displays cameras to be initialized.
4. Select a camera to be initialized and then click **Initialize**.

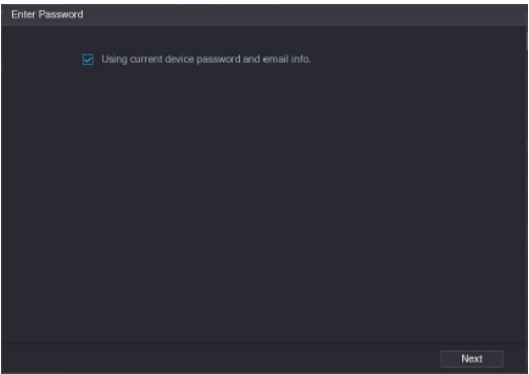


Figure 76: Using current device password and email info checkbox

5. Set password and email information for the remote device.

- You can tick the **Using current device password and email info** checkbox, the remote device uses automatically the recorder admin account information (login password and email). You can skip this step.
- You can enter your own password and then confirm it. For security reasons, we recommend you to create a strong password according to the password strength indication and change your password regularly.

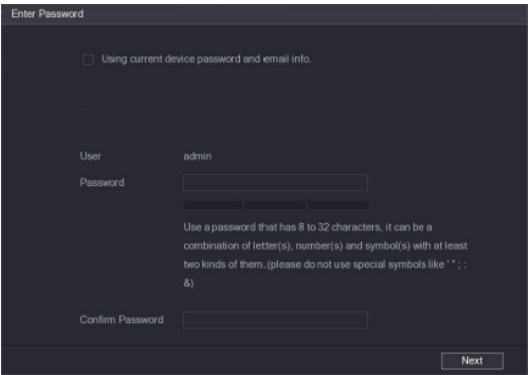


Figure 77: Entering password

6. Click **Next**.
7. Enter your email address, and then click **Next**.

Note

The email address is used for receiving the security code for password resetting. If you don't want to enter email information, untick the checkbox and click **Next** or **Skip**.

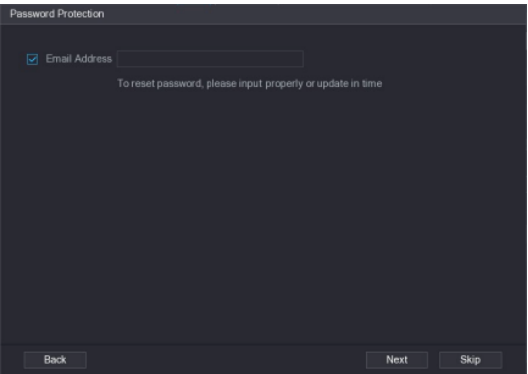


Figure 78: Password protection

8. Select **DHCP** or **Static** IP connection:
 - **DHCP** - There is no need to enter IP address, subnet mask, and default hub.Device automatically allocates the IP address to the camera.
 - **Static** - You need to enter IP address, subnet mask, and default hub.

9. Set camera IP address.

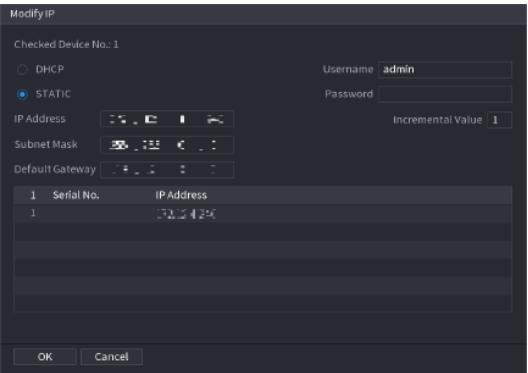


Figure 79: IP modification

Notes

- When you are changing IP addresses of several devices at the same time, enter incremental value. The system can add the fourth decimal digit of the IP address one by one to allocate automatically the IP addresses.
- The system notifies you of an IP conflict while changing static IP address. If you change IP addresses in batches, the system skips automatically the conflicted IP and begins the allocation according to the incremental value.

10. Click **Next**.

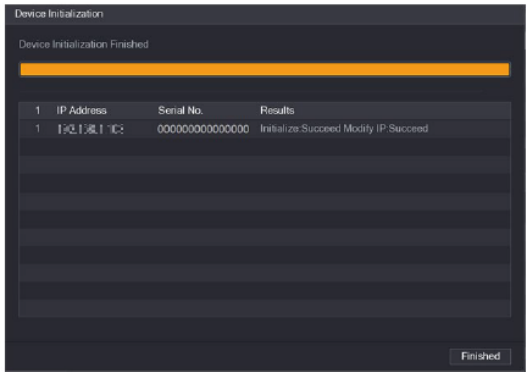


Figure 80: Device initialization

11. Click **Finished**.

16.3 - Adding remote devices

Add remote devices to the recorder to receive, store, and manage the video streams of the remote device.

Note

Before adding the remote devices, make sure that the devices have been initialized.

16.3.1 - Adding cameras from Search

Search for the remote devices that are in the same network with the record, and add the remote devices from the search results. We recommend this method when you do not know the specific IP address of the remote device.

Procedure:

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Camera List > Camera List**.
3. Click **Search Device**.

Found remote devices are displayed at the upper pane. Devices already added aren't included in the searched results.

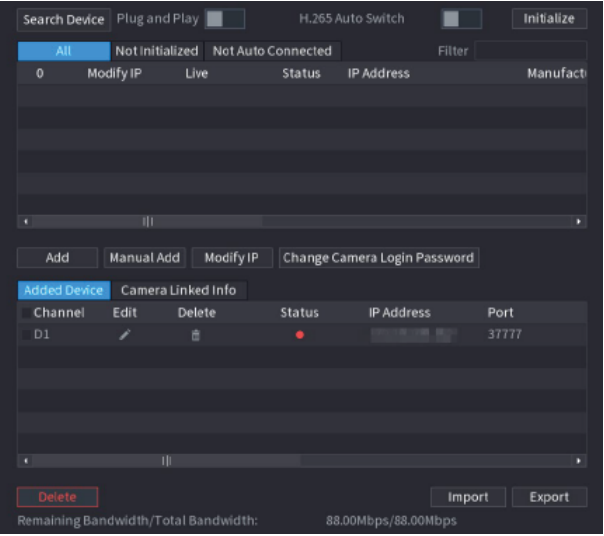


Figure 81: Search devices

Notes

- For cameras accessed through private protocol, you can click LIVE and then enter the username and password to play live video.
 - To filter the remote devices, you can enter all or part of device name in the **Filter** box.
 - To filter out the uninitialized devices, click the **Not Initialized** tab. You can initialize the devices here. For more information, see [16.2 - Initializing remote devices](#).
 - To view all remote devices added through plug and play, you can click the **Not Auto Connected** tab. You can remove devices added through **Plug and Play**, and they can be added automatically again after **Plug and Play** is enabled.
4. Optionally: enable **Plug and Play** for the recorder to add automatically remote devices in the same subnet. For uninitialized remote devices, the recorder initializes them automatically before adding them.
 5. Optionally: enable **H.265 Auto Switch** so that added remote devices switch automatically to H.265 video compression standard.
 6. Double-click a remote device, or select a remote device and click **Add** to register it to the **Added Device** list.

Related Operations:

- Change camera login password by selecting a camera and clicking **Change Camera Login Password**.
- In the **Added Device** list, click the  icon to change the IP address, username, password and other information.
- You can export the information of the connected cameras and import camera information to the system to add cameras in batches. For more information, see [16.3.3 - Importing cameras](#).
- If the remote device has multiple channels, you can click the **Camera Linked Info** to view linked information of the remote device.
- To delete cameras one by one click the  icon next to the chosen camera.
- To delete cameras in batches select one or more cameras, and click **Delete**.

16.3.2 - Adding cameras manually

We recommend this method when you do not know the specific IP address of the remote device.

Procedure:

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Camera List > Camera List**.
3. Optionally: enable **H.265 Auto Switch** so that added remote devices switch automatically to H.265 video compression standard.
4. Click **Manual Add**.

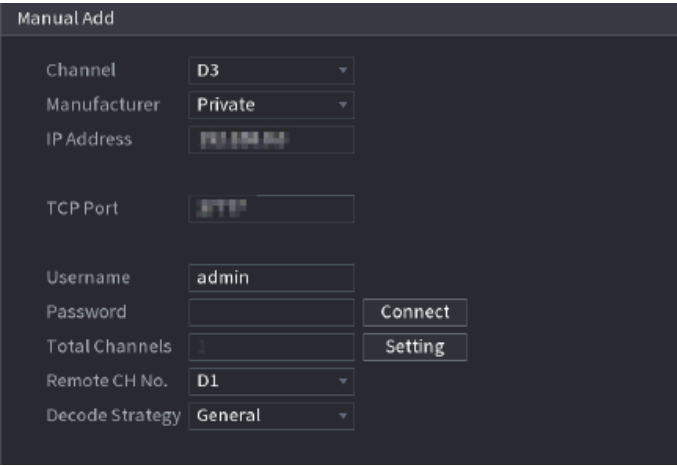


Figure 82: Adding cameras manually

5. Configure the parameters from the table below.

Note

The parameters might vary depending on the manufacturer that you select.

Table 24 - MyEye Video Recorder - Remote channel parameters	
Parameter	Description
Channel	Select the channel that you want to use for the recorder to connect to the remote device.
Manufacturer	Select the manufacturer of the remote device.
Registration ID	Enter the registration ID of the remote device.
IP Address	Enter the IP address of the remote device.
RTSP Port	Enter the RTSP port number. The default value is 554 .
HTTP Port	Enter the HTTP port number. The default value is 80 .
TCP Port	The default value is 37777 . You can enter the value as needed.
Username	Enter the username of the remote device.
Password	Enter the password of the user for the remote device.
Total Channels	Click Connect to get the total number of channels of the remote device.
Remote CH No.	Enter the remote channel number of the remote device.
Decode Strategy	Select Default , Realtime , or Fluent .
Protocol Type	• If the remote device is added through private protocol, the default type is TCP. • If the remote device is added through ONVIF protocol, the system supports Auto, TCP, UDP, or MULTICAST. • If the remote device is added through other manufacturers,the system supports TCP and UDP.
Encryption	If the remote device is added through ONVIF protocol, tick the Encrypt checkbox for the system to provide encryption to protect the transported data. Note To use this function, you need to enable the HTTPS function for the remote IP camera.

6. Click **OK**.

16.3.3 - Importing cameras

You can import remote devices in batches. We recommend this method for adding a number of remote devices with different IP addresses, usernames and passwords.

Procedure:

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Camera List > Camera List**.
3. Export the template by clicking **Export**.

Note

You can untick the **Backup Encryption** checkbox, before clicking **OK**. If Backup Encryption is enabled, the file format is .backup. If Backup Encryption is disabled, the file format is .csv. Keep unencrypted files safe to to avoid data leakage.

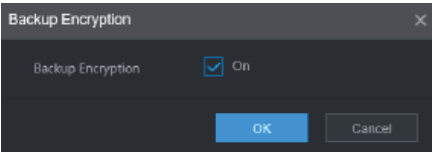


Figure 83: Backup encryption

4. Select the storage path and click **Save**.
The template file name is, for example, RemoteConfig_20220222191255.csv. 20220222191255 represents the export time.
5. Fill in the template and then save the file.
The template includes the IP address or registration ID, port, remote channel No.,manufacturer, username, password and other information. Don't change the file extension of the template. Otherwise, the template can't be imported.
6. Click **Import**, select the template file and then open it.
The remote devices in the template are added to the recorder. If the remote device in the template has been added, the system prompts you whether to replace the existing one on the device list. If you select **Yes**, the system deletes the existing one and import the device again. If you select **No**, the system retains the existing one and add the device to anotherunoccupied channel.

16.4 - Changing IP address of remote device

You can change the IP address only when the camera is online.

16.4.1 - Changing IP address of connected remote device

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Camera List > Camera List**.
3. On the Added Device list, double-click a remote device or click the  icon.
4. Change the IP address.
5. Click **OK**.

16.4.2 - Changing IP address of unconnected cameras

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Camera List > Camera List**.
3. Click **Search Device**. The found remote devices are displayed at the upper pane.
4. Click the  icon, or select one or more remote devices and then click **Modify IP**.
Note
When changing the IP addresses of multiple remote devices at the same time, make sure they share the same username and password.
5. Enter username and password of the remote device, and configure the IP address.
 - DHCP -The remote device gets a dynamic IP address automatically.
 - Static - You need to enter static IP address, subnet mask, and default hub. When changing IP addresses of multiple remote devices at the same time enter the incremental value so that the system can add the fourth decimal digit of the IP address one by one according to the incremental value.
6. Click **OK**.

16.5 - Configuring image settings

You can set network camera parameters according to different environments to get the best video effect.

Procedure:

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Camera List > Image**.

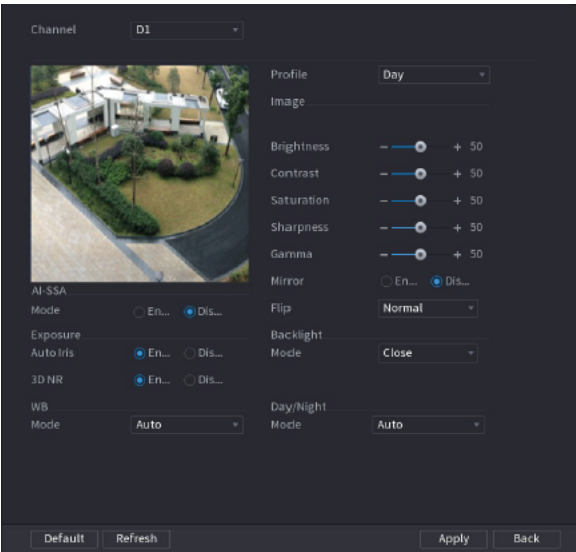


Figure 84: Image

3. Select a channel and configure parameters from the table below.

Note

The parameters might vary depending on the manufacturer that you select.

Table 25 - MyEye Video Recorder - Image parameters		
Parameter	Description	
Profile	There are three configuration files. The system has configured the corresponding parameters for each file. You can select according to your actual situation.	
Brightness	Adjust the image brightness. The bigger the value, the brighter the image	
Contrast	Adjust the image contrast. The bigger the value, the more visible the contrast between the light area and dark area	
Saturation	Adjust the color shades. The bigger the value, the lighter the color	
Sharpness	Adjust the sharpness of image edge. The bigger the value, the more visible the image edge.	
Gamma	Adjust image brightness and enhance the image dynamic display range. The bigger the value, the brighter the video.	
Mirror	Switch the left and right sides of the video image. It is disabled by default. Note This function is available on select models.	
Flip	Set video display direction. It includes normal, 180°, 90°, and 270°.	
AI SSA	After you enable AI Scene Self-adaptation (AI SSA), the camera can detect environmental conditions, such as rain, fog, backlight, low light and flicker, to adjust the parameters of the image to suit the conditions, so that clear images are produced. Note When AI SSA is enabled, some image parameters such as exposure and backlight mode are unavailable.	
Exposure	Auto Iris	• This function is available when the camera is equipped with the auto iris lens. • After you enable auto iris function, the iris can zoom in and zoom out automatically according to the brightness of the environment. The image brightness changes accordingly. • If you disable the auto iris function, the iris is at the biggest value. The iris doesn't zoom in or zoom out automatically according to the brightness of the environment.
	3D NR	This function is dedicated to images with the value of frame rates to 2 at least. It reduces the noise by using the information between two frames. The bigger the value, the better the effect
Backlight Mode	You can set camera backlight mode. • SSA - In the backlight environment, the system can adjust automatically image brightness to clearly display the object. • BLC - Default - The device performs automatic exposures based on the environment conditions to make the darkest area of the video clear. - Customize - After you select the specified zone, the system can expose the specific zone so that it can reach the proper brightness. • WDR - In backlight environment, the system lowers the high bright section and enhances the brightness of the low bright section, so that you can view these two sections clearly at the same time. • HLC - In the backlight environment, the system lowers the brightness of the brightest section, reduces the area of the halo and lowers the brightness of the whole video. • Close - Disable the BLC function.	
WB Mode	You can set camera white balance mode. The system adjusts the overall image to make the image color display precisely as it is. Note Different cameras support different white balance modes, such as auto, manual, natural light, and outdoor.	
Day/Night Mode	Configure the color and black & white mode of the image. This parameter isn't affected by the configuration files. • Color - The camera outputs color image only. • Auto - The camera outputs color images or black and white images according to ambient brightness • B/W - The camera outputs black and white images only. • Sensor - Use this mode with peripheral IR light connected. The Sensor mode is available on select non-IR models.	

4. Click **Apply**.

16.6 - Configuring overlay settings

You can set parameters for overlay and private masking.

16.6.1 - Overlay

You can add the information of time and channel in the live view page.

Procedure:

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Overlay > Overlay**.
3. Select a channel and configure parameters from the table below.

Table 26 - MyEye Video Recorder - Video overlay parameters	
Parameter	Description
Time Title	Display the time tile on the video image in the live view and playback; 1. Select Time Title . 2. Drag the time title to a desired place. 3. Click Apply .
Channel Title	Display the channel tile on the video image in the live view and playback. 1. Select Channel Title and edit it. 2. Drag the channel title to a desired place. 3. Click Apply .
Custom Title	You can customize a title to be overlaid on the video image. Click Setting to set the information such as font size, title content and text alignment, and then click OK .
Default	Restore the overlay settings to default configuration.
Copy to	Copy the overlay settings to other channels.

4. Click **Apply**.

16.6.2 - Privacy masking

You can mask certain areas of the video image for privacy protection.

Procedure:

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Overlay > Privacy Masking**.

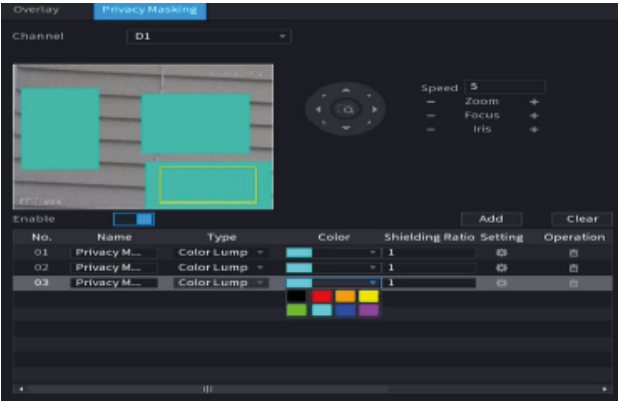


Figure 85: Privacy masking

3. Select a channel
4. Click the  icon to enable privacy masking.
5. Click **Add**, select the masking type and color, and then draw mosaic or color blocks in the image as needed.
A masking block appears on the video image. The number of masking blocks that you can add might differ depending on the camera. You can add up to 24 masking blocks.
6. Drag the masking block to a desired position and then configure the type, color and other parameters.
7. Optionally: click **Clear** to delete all masking areas. Click the  icon to delete a masking area.
8. Click **Apply**.

16.7 - Configuring encoding settings

You can set video bit stream and image parameters.

16.7.1 - Configuring audio and video encoding settings

You can set audio and video encoding parameters such as bit stream type, compression, and resolution.

Procedure:

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Encode > Audio/Video**.

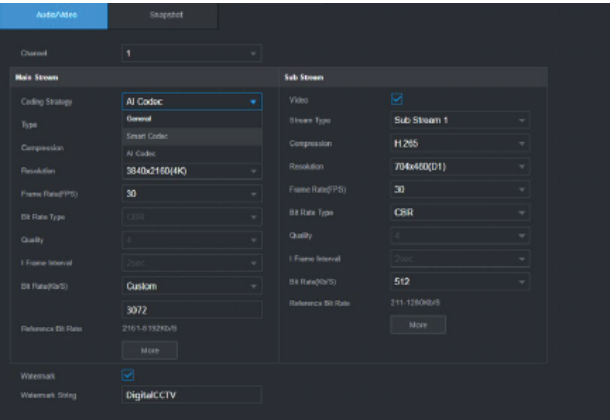


Figure 86: Audio/video

3. Select a channel and configure parameters from the table below.
Note
The parameters for main stream and sub stream are different.

Table 27 - MyEye Video Recorder - Audio/video parameters	
Parameter	Description
Coding Strategy	• General - for using general coding strategy. • Smart Codec - Enable the smart codec function, which can reduce the video bit stream for non-important recorded video to maximize the storage space. • AI Codec - Enable the AI codec function, which can reduce the camera code stream, network transmission pressure, and hard drive storage space without affecting the image quality.
Type	Select the recording type for main stream from General , Motion (motion detection), or Alarm .
Compression	Select the encoding mode: • H.265 - Main profile encoding. This setting is recommended. • H.264H - High profile encoding. Low bit stream with high definition. • H.264 - Main profile encoding. • H.264B - Baseline profile encoding. This mode requires higher bit stream than other modes for the same definition.
Resolution	Select resolution for the video. Note The maximum video resolution might be different depending on your device model.
Frame Rate (FPS)	Configure the frames per second for the video. The higher the value, the clearer and smoother the image. Frame rate changes along with the resolution. In the PAL format, you can select the value from 1 to 25. In the NTSC format, you can select the value from 1 to 30. Still, the actual range of frame rate that you can select depends on the capability of the device.
Bit Rate Type	• Constant bit rate (CBR) - The bit rate changes slightly at the defined value. We recommended selecting CBR when there are only small changes in the monitoring environment. • variable bit rate (VBR) - The bit rate changes with monitoring scenes. Select variable stream when there are big changes in the monitoring environment.
Quality	The bigger the value, the better the image This parameter is available if you select VBR as Bit Rate Type .
I Frame Interval	The interval between two reference frames.
Bit Rate (Kb/S)	• Main stream - The higher the value, the better the image quality. • Sub stream - For constant stream, the bit rate changes near the defined value; for variable stream, the bit rate changes along with the image but the maximum value still stays near the defined value.

4. Click **More**.

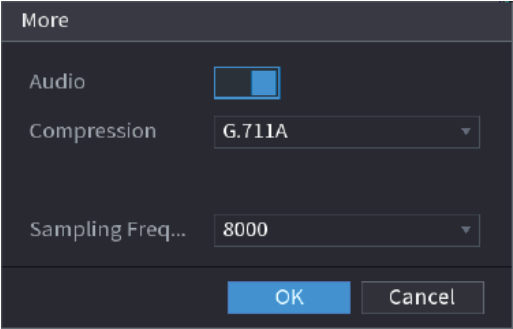


Figure 87: More settings

5. Configure audio compression parameters listed in the table below.

Table 28 - MyEye Video Recorder - Audio compression parameters	
Parameter	Description
Audio	This function is enabled by default for main stream. You need to enable it for a sub stream. Once this function is enabled, the recorded video comprises audio and video stream.
Compression	Select an audio compression format.
Sampling Frequency	Set how many times per second a sound is sampled. The bigger the value, the more natural the sound.

6. Click **OK**.

7. Click **Apply**.

16.7.2 - Snapshot

You can set snapshot mode, image size, quality and interval.

Procedure:

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Encode > Snapshot**. Click **Apply**.

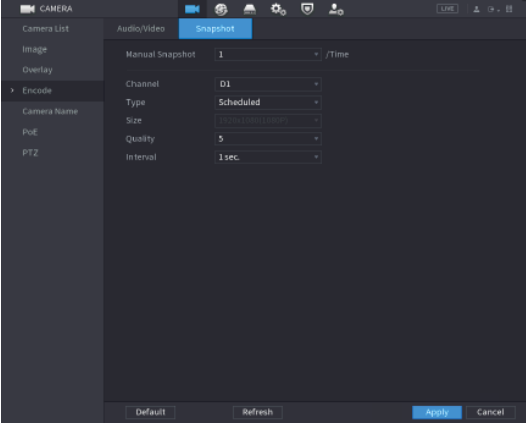


Figure 88: Snapshot

3. Configure parameters from the table below.

Table 29 - MyEye Video Recorder - Snapshot parameters	
Parameter	Description
Manual Snapshot	Select the number of snapshots that you want to take each time.
Channel	Select the channel that you want to configure the settings for.
Type	• Scheduled - The snapshot is taken at the scheduled period. • Event - The snapshot is taken for motion detection, video loss, local alarms and other events.
Size	The size is determined by the resolution of the main stream or sub stream of the channel.
Quality	Configure the image quality. The higher the level, the better the image. Level 6 represents the best quality.
Interval	Select or customize how frequently snapshots are to be taken.

4. Click **Apply**.

16.8 - Modifying channel name

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Camera Name**.

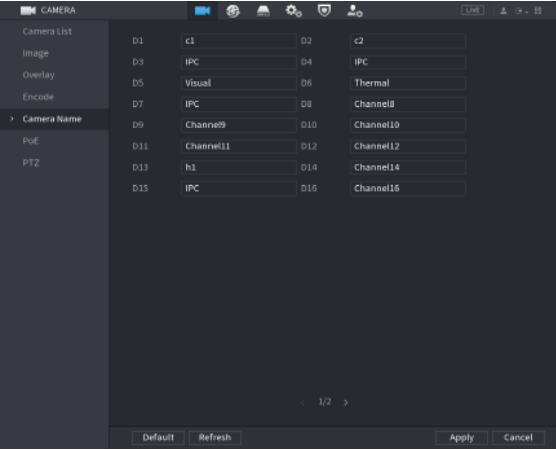


Figure 89: Camera name

3. Modify a channel name.

You can only change the name of the camera connected through the private protocol.

You can enter up to 63 English characters for a channel name.

When the system is in Chinese or English, the content in the text input box (excluding password input box) can be copied and pasted.

4. Click **Apply**.

16.9 - Checking PoE status

You can check the status of PoE ports and set enhancement mode for each PoE port.

Procedure:

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > PoE**.

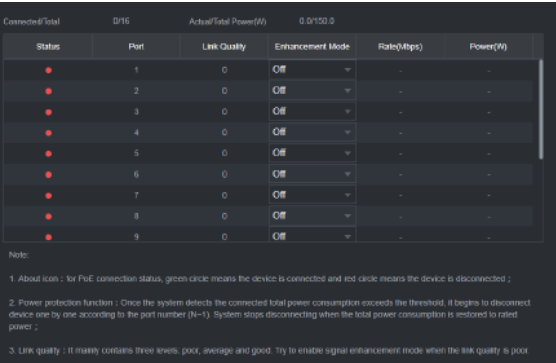


Figure 90: PoE

3. Optionally: Set Enhancement Mode to On or Off.

When enhancement mode is enabled, the transmission distance of the PoE port is extended.

16.10 - Updating remote devices

You can update the firmware of the connected network camera through online update or file update.

Procedure:

1. Log in to the local system of the device.
2. Go to **Main Menu > CAMERA > Camera List > Update**
3. Update the firmware of the connected remote device:
 - **Online update** - Select a remote device and click **Manual Check**. The system checks for available updates. Nextly, select a remote device with update available and click **Online Update**.
 - **File update** - Select a channel and then click **File Update**. Nextly, select an update file and click **OK**.

Note

If there are too many remote devices, you can filter them on the Device Type list.

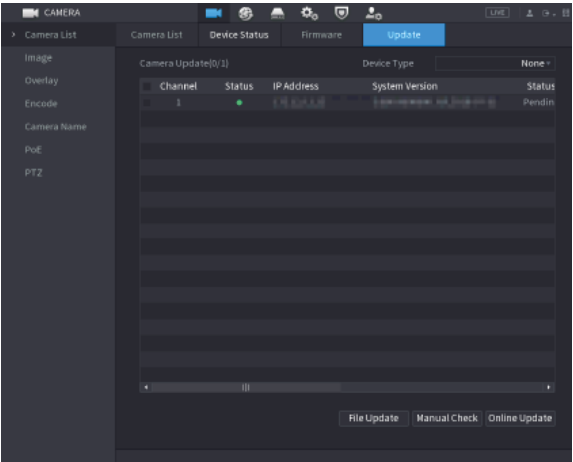


Figure 91: Update

16.10 - Viewing remote device information

16.10.1 - Device status

To view the connection and alarm status of the corresponding channel go to: **Main Menu > CAMERA > Camera List > Device Status.**

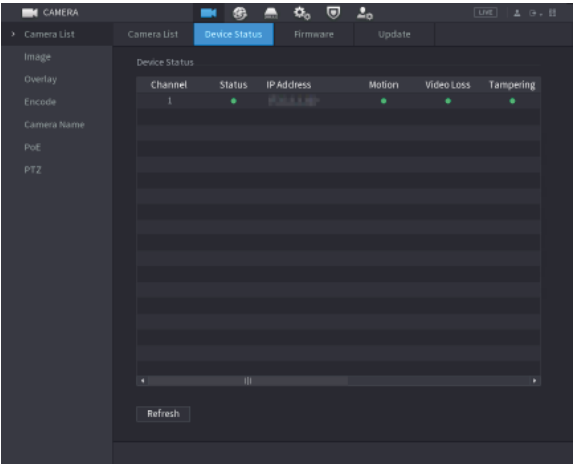


Figure 92: Device status

Table 30 - MyEye Video Recorder - Parameters of device status	
Icon	Description
	IPC works properly
	Alarm
	IPC isn't supported
	Video loss

16.10.2 - Firmware

To view the IP address, manufacturer, type, and system version of the connected remote device go to: **Main Menu > CAMERA > Camera List > Firmware.**

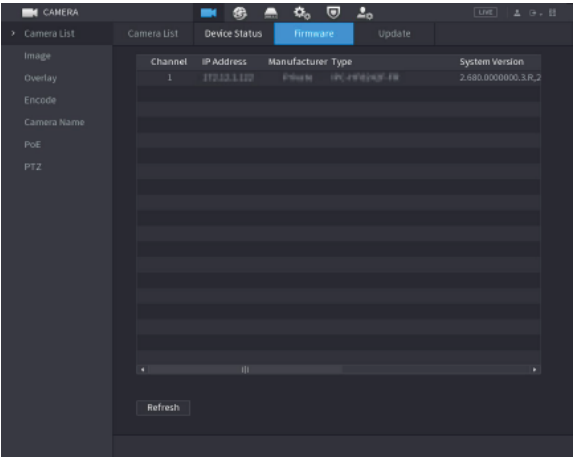


Figure 93: Firmware

17 RECORDING SCHEDULES

You can configure the device to record automatically videos and snapshots at the scheduled time.

17.1 - Configuring video recording schedule

The device can record videos according to the period you set.

Procedure:

1. Right-click the live page, and go to **Main Menu > STORAGE > Schedule > Record.**



Figure 94: Video schedule

2. Configure the parameters listed in the table below.

Table 31 - MyEye Video Recorder - Video schedule parameters	
Parameter	Description
Channel	Select a channel to record a video.
Pre-record	Enter the amount of time that you want the pre-recording to last. A recording is made prior to the event.
Redundancy	If there are several HDDs installed in the device, you can set one of the them as a redundant HDD to save the recorded files in different HDDs. If one of the HDDs is damaged, you can find the backup on another HDD. Go to Main Menu > STORAGE > Disk Manager, and set a HDD as redundant HDD. Go to Main Menu > STORAGE > Schedule > Record, and select the Redundancy checkbox. If the selected channel isn't recording, the redundancy function takes effect the next time you record, regardless you select the checkbox or not. If the selected channel is recording, the currently recorded files are packed, and then the recording starts according to the set schedule. Notes • This function is for some models only. • The redundant HDD only backs up the recorded videos without snapshots.
ANR	You can set the auto network resume (ANR) function. • The IPC continues recording once the recorder and IPC connection fails. After the network goes back to normal, the recorder can download recorded files when it's disconnected from the IPC.It helps to protect against data loss from the current IPD channel that is connected. • Set the maximum recording upload period. If the offline period is longer than the period you set, IPC only uploads the recording file during the specified period. Note Make sure that SD card is installed and the recording function is enabled on the IPC.
Period	Set a period during which the configured recording setting is active. The system only activates the alarm in the defined period.
Copy to	Click Copy to to copy the settings to other channels.

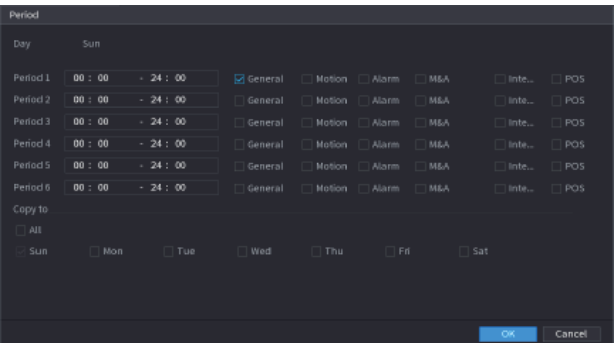


Figure 95: Setting periods

3. Set one or more recording types from **General, Motion** (motion detection), **Alarm, M&A** (motion detection and alarm), **Intelligent** and **POS**.

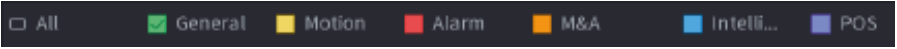


Figure 96: Recording type

4. Set recording period.
- Select a corresponding date to set.
You can select the whole week by clicking the ☐ checkbox next to **All**. All the checkboxes switch to ☒.
 - You can select particular days by clicking the ☐ checkbox next to them.
 - Move the sliders to define a period.
If the time periods overlap, the recording priority is: **M&A > Alarm > POS > Intelligent > Motion > General**.

Notes

- Select a recording type and then click the icon of the corresponding date to clear the corresponding period.
- If you have added a holiday, you can set the recording period for the holiday.



Figure 97: Setting periods with sliders

The MD record and alarm record function are both null if you enabled the function of MD&Alarm. You can define the period by clicking the icon and setting the recording type for each period. There are six periods for you to set for each day. Under **Copy to**, select **All** to apply the settings to the whole week, or select specific days that you want to apply the settings to. Nextly click **Apply**.

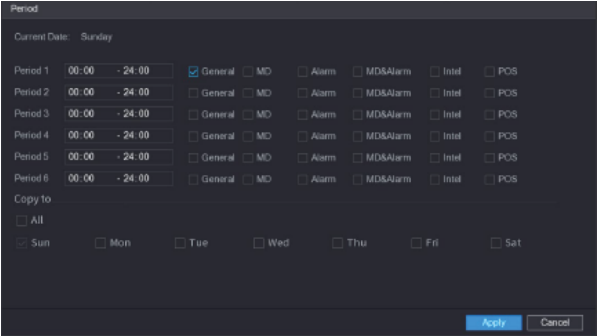


Figure 98: Editing periods

5. Click Apply to complete the settings.

17.2 - Configuring snapshot schedule

1. Right-click the live page, and go to **Main Menu > STORAGE > Schedule > Snapshot**.

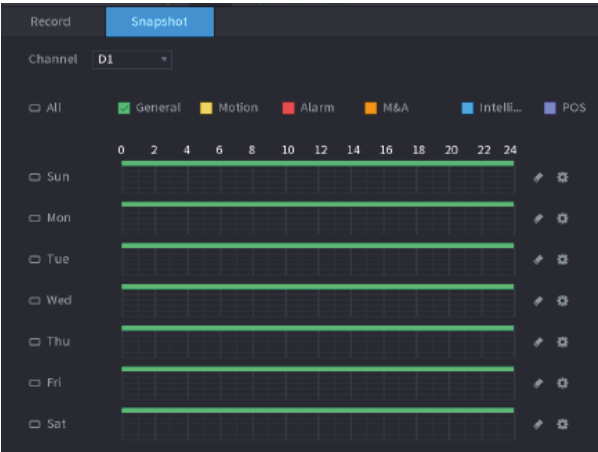


Figure 99: Setting snapshots

2. Select a channel to set schedule snapshot.
3. Set a recording type from **General, Motion** (motion detection), **Alarm, M&A** (motion detection and alarm), **Intelligent** and **POS**. For more information, see Figure 105: Recording type.
4. Set snapshot period. For more information, see point 4 of section [17.1 - Configuring video recording schedule](#).
5. Click **Apply**.

17.3 - Configuring Recording Mode

After you set schedule a record or snapshot, you need to enable the auto record and snapshot function for the system to record or take snapshots automatically.

- **Auto** - The system automatically records the videos and snapshots according to the defined schedule.
- **Manual** - The system records general files for the entire day. You need to have storage authorities to use the **Manual** recording mode.

Procedure:

1. Right-click the live page, and go to **Main Menu > STORAGE > Record**.

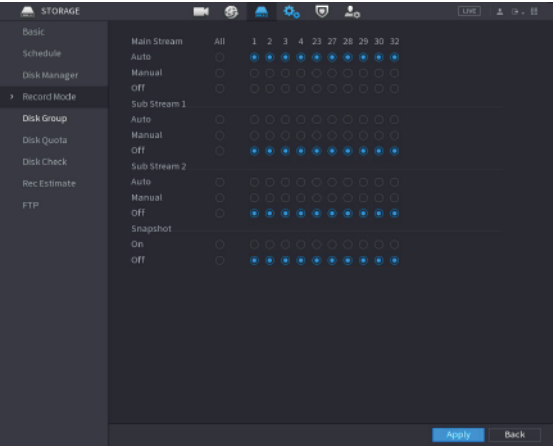


Figure 100: Recording mode

2. Configure parameters listed in the table below.

Table 32 - MyEye Video Recorder - Recording mode parameters	
Parameter	Description
Channel	Displays all the connected channels. You can select a single channel or select All .
Recording status	• Auto - Automatically make recordings according to the schedule. • Manual - Makes a general recording within 24 hours for the selected channel. • Off - Don't record.
Snapshot status	Enable or disable the scheduled snapshot for the corresponding channels.

3. Click **Apply**.

You can search for and play back the recorded files.

Select **Main Menu > SEARCH**, or right-click on the live view page and then select **Search**.

The following figure is for reference only.



Figure 101: Search function

Table 33 - MyEye Video Recorder - Search page description		
No.	Function	Description
1	Display window	Display the searched recorded video or picture. The system supports playing in a single-channel, 4 channels, 9 channels, and 16 channels simultaneously. When playing back in the single-channel mode, hold down the left mouse button to select the area that you want to enlarge. The area is enlarged after the left mouse button is released. To exit the enlarged status, right-click the image.
2	Playback control bar	Playback control buttons.
	Clip	Click the  icon to clip the recording file and save the footage. For more information, see 18.4 - Clipping videos .
	Backup	Click the  icon to back up recordings.
3	Time bar	Display the type and time period of the current recorded video. - In the 4-channel layout, 4 time bars are displayed. In other view layouts, only 1 time bar is displayed. - Click the colored area to start playback from a certain time. - When you are configuring the settings, rotate the wheel button on the time bar to zoom in. When a playback is played, rotate the wheel button on the time bar, the time bar zooms to the time point where the playback is located. - Time bar colors: green for general type; red for external alarm; yellow for motion detection; blue for intelligent events; purple for POS events. - Click and hold the time bar for the mouse pointer to change into a hand icon. Now you can drag to view the playback of the target time. - You can drag the vertical orange line on the time bar to rapidly view the playback in iframe format. - When playing back a video in one channel mode, point to the time bar for 0.1 seconds, and then you can view 4 pictures before and after the selected time, and the thumbnail picture of the selected time. - For some models, when you click the blank area in the time bar, the system jumps automatically to the next time point where a recorded video is located.
4	Play status	Includes 2 playback status: Play and Stop .
	Record type	Select the checkbox to define the recording type to search for.
5	Search type	Select the content to play back: Record , Picture , and Subperiod .
6	Calendar	Click the date that you want to search for. Note The dates with recordings or snapshots have a small solid circle under the date.
7	View layout and channel selection	- In the Camera Name list, select one or more channelsthat you want to play back. - Selection of the channels determines window split. For example, if you select 1 channel, the playback is displayed in the single-channel view. If you select two to four channels, the playback is displayed in the four-channel view. - Click the  icon to switch the streams. The  icon indicates main stream, and the  icon indicates sub stream.
8	List display	This area includes Tag List and File List . The icons displayed might vary with models.  - Click Tag List to view the marked recorded video list. Double-click the file to start playing.  - Click File List to view the found files.You can lock and unlock the files. For more information, see 18.6 - File list  - fisheye dewarp. For more information, see 13.2 - Fisheye de-warp during playback.
9	Time bar unit	You can select 24 hr, 2 hr, 1 hr, or 30 min as the unit of time bar.

18.1 - Playback

You can search for and play back videos, images or video clips. The operations are similar. This section uses video playback as an example.

- Procedure:
- Select **Main Menu > Search**, or right-click the live page and then select **Search**.
 - Select one of the following options:
 - From R/W Disk** - to search for recorded files on the HDD of the recorder Select **Record**, as the search type, the date, and channel. Click the  icon or any position on the time bar.
 - From I/O Device** - to search for recorded files from external storage device. Click **Browse**, select the storage path of the recorded video file that you want to play. Double-click the video file or click the  icon to start playing.



Figure 102: Search from R/W disk

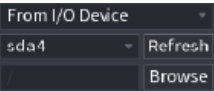


Figure 103: Search from I/O device

The system starts playback. You can use the playback controls to control the playback process.



Figure 104: Playback control

Table 34 - MyEye Video Recorder - Playback control description	
Icon	Function
	Play/ Pause - in slow play mode, click it to switch between play/ pause.
	Stop - when playing back, click it to stop current playback process
	Rewind - in normal play mode, left-click the button, the file begins to rewind. Click it again to pause it. While it's rewinding, click the  or  icon to restore normal play.
 , 	Display previous frame/ next frame - when you pause the normal playback file, click  or  to play back frame by frame. In frame by frame playback mode, click the  or  icon to resume normal playback mode.
	Slow play - in playback mode, click it to use various slow play modes such as slow play 1 or slow play 2.
	Fast forward - in playback mode, click it for various fast play modes such as fast play 1 or fast play.
	Adjust the volume of the playback.
	Smart search - for more information, see 18.2 - Smart Search Playback .
	Smart motion detection - You can click the icon to select a person or motor vehicle, and the system plays detected videos of the person or motor vehicle. Human and motor vehicle can be selected at the same time.
	Snapshot icon - System supports custom snapshot picture saved path. Connect the peripheral device first, click the snapshot icon in the full-screen mode, you can select or create a path. Click the Start button, the snapshot picture can be saved to the specified path.
	Mark button - This function is available on select models. Make sure there is a mark button in the playback control pane. For more information, see 18.7 - Tag playback .
	Display and hide POS information -in 1-channel playback mode, you can click it to display/hide POS information on the video.
	In 1-channel playback mode, click it to enable or disable display IVS rule information on the video. This function is for some series only.
	Picture search - for more information, see 8.3.7 - Picture search
	- Quick pick - for more information, see 8.3.8 - Quick pick - AcuPick - for more information, see 8.3.9 - AcuPick

18.2 - Smart Search Playback

This function is for some models only.

During the playback process, the system can analyze the motion detection zone in the scene and give the analysis result.

Make sure that motion detection has been enabled in **Main Menu > ALARM > Video Detection > Motion Detection**.

This function is for one-channel playback mode.

In multiple-channel playback mode, double-click a channel to switch to one-channel playback mode.

Procedure:

1. Select a channel to playback video and then click the  icon. You can view the grids on the playback video.
2. Select smart search zones.
3. Click the  icon to go to smart search and playback. The system is going to play back all motion detection record footage.
4. Click the  icon again to stop smart search.

- Notes**
- The motion detection region can't be the full screen zone.
 - The motion detection region adopts the current whole play pane by default.
 - The time bar unit switch, rewinding, frame by frame aren't available when the system is playing a motion detection file.

18.3 - AcuPick

18.3.1 - Common search

This function is for one-channel playback mode.

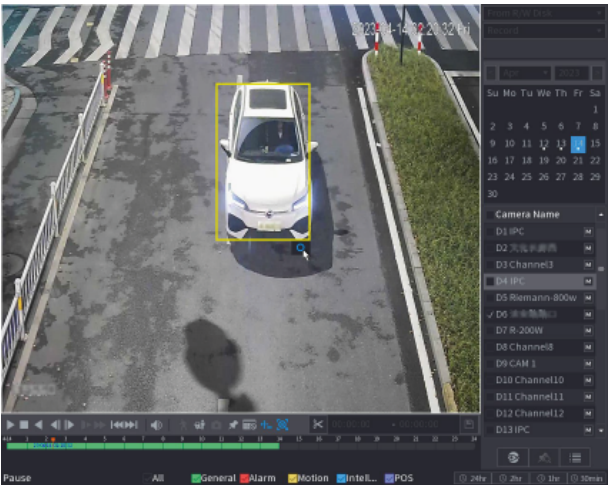
In multiple-channel playback mode, double-click a channel to switch to one-channel playback mode.

Procedure:

1. Go to **Main Menu > SEARCH**, or right-click on the live view page and then select **Search**.
2. Optionally: click the  icon to select the displayed results. You can choose **Human** (blue detection box) and **Motor Vehicle** (yellow detection box).
3. When you want to search the target in the image, click the  icon to freeze the page. The image automatically shows the targets.
4. Point to the target you want, and then click the  icon to check the details.



Figure 105: AcuPick (human detection)



64 Figure 106: AcuPick (motor vehicle detection)

5. Configure the search conditions as needed. For more information, see the table below.

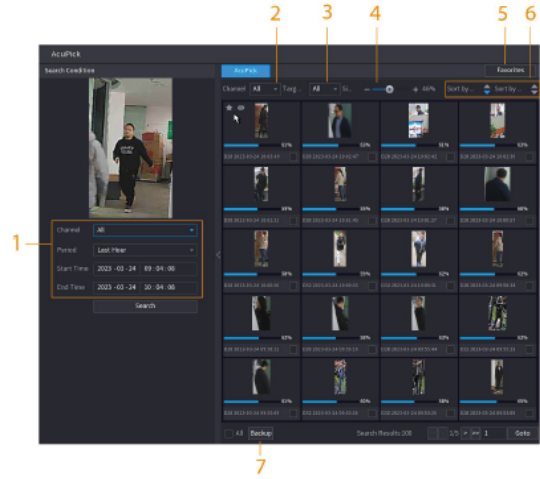


Figure 107: Search conditions and results

Table 35 - MyEye Video Recorder - Descriptions of search conditions and results		
No.	Name	Description
1	Search Condition	Configure the channel and period. When the Custom is selected, you can set the start time and end time as needed. Up to 7 days can be set.
2	Channel	Displays the channels with search result.
3	Target Filter	Select from All , Favorite Items and Hidden Items . When you select the target items, the device only searches in this item.
4	Similarity	Configure the search similarity according to the actual conditions. The recommended value is 80% or above.
5	Favorites	The system only search the target in favorites.
6	Sort by Time/ Sort by Similarity	Reorder the search results by time or similarity.
7	Backup	You can select one or more search results, and then click Backup to back up the results.

6. Select a result, and then double click it to check the video.

Under 4K resolution, the video doesn't support full screen play on this page.

By click the  icon, you can enable the AcuPick function again, freeze the image and search for a new target.

Related operations

Hover over a search result, and then you can:

- By click the  icon, you can add the result into the favorite items. Up to 1,000 items can be added into favorites.
- By click the  icon, you can, add the result into the hidden items.

18.3.2 - Custom search

Procedure:

1. Go to **Main Menu > SEARCH**, or right-click on the live view page and then select **Search**.
2. Optionally: click the  icon to select the displayed results. You can choose **Human** (blue detection box) and **Motor Vehicle** (yellow detection box). When you want to search the target in the image, click the  icon to freeze the page. The image automatically shows the targets.



Figure 108: Select the result

3. In multiple-channel playback mode, double-click a channel to switch to one-channel playback mode.
4. Drag the mouse to draw a searching area in the image. The recorder shows automatically search results of the selected area in the time bar (orange).

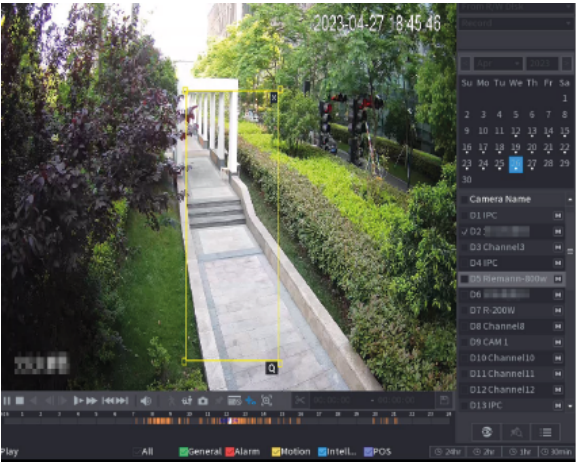


Figure 109: Custom search 1

5. When you want to search the target in the image, click the  icon to freeze the page. The image automatically shows the targets.
6. Point to the time bar, the recorder displays the thumbnails in recent times.

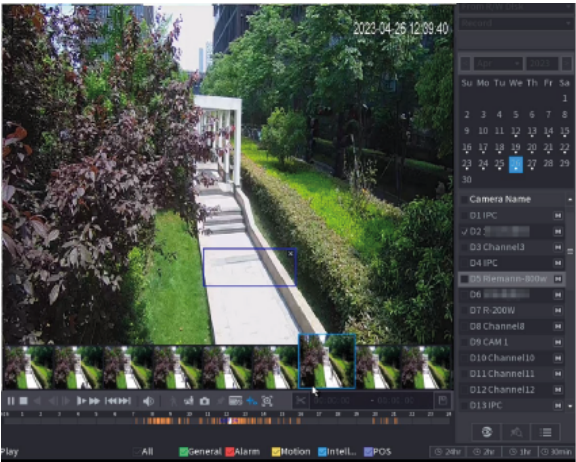


Figure 110: Thumbnails

7. Point to the target you want, and then click the  icon to check the details.

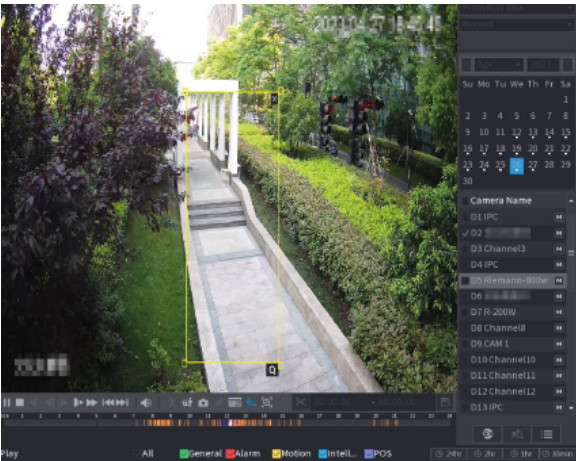


Figure 111: Custom search 2

8. Configure the search conditions as needed. For more information, see [Figure 107: Search conditions and results](#) and [Table 26 - MyEye Video Recorder - Descriptions of search conditions and results](#).

Under 4K resolution, the video doesn't support full screen play on this page.
By click the  icon, you can enable the AcuPick function again, freeze the image and search for a new target.

Related operations

Hover over a search result, and then you can:

- By click the  icon, you can add the result into the favorite items. Up to 1,000 items can be added into favorites.
- By click the  icon, you can, add the result into the hidden items.

18.4 - Clipping videos

You can clip some footage from recorded videos to a new file and save it to the USB device.

Procedure:

1. Select a record and click the  icon to play back.
2. To start a clip select a time on the time bar and click the  icon.
3. To stop a clip select a time on the time bar and click the  icon.
4. To save a clip file click the  icon for the system to pop up the dialogue box.

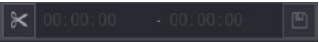


Figure 112: Clip

18.5 - Backing up

You can back up recorded videos, images, or video clips to a USB storage device.

Procedure:

1. Select the files that you want to back up.
 - **Videos or images** - click the  icon at the lower-right corner of the search page, and then on the file list, select the files for backup.
 - **Video clips** - for more information, see [18.4 - Clipping videos](#).
2. Click the  icon.

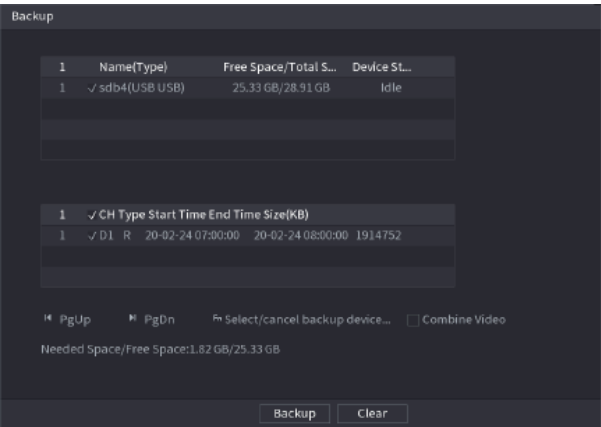


Figure 113: Backup

3. Select the storage device, and then click **Backup**.

Note

- You can cancel the selection of the files that you don't want to back up.
- Select **Combine Video** to merge several videos into one.

18.6 - File list

On the **Search** page, select a channel, and click the  icon to view the file list. On the file list, you can manage the files of the selected channel.

- **Play** - double-click a file to play
- **Search** - select a specific time and click the  icon
- To lock files select one or more files from the file list and click the  icon. The locked files aren't overwritten.
- To unlock files, click the  icon, select one or more files and click **Unlock**.
- Click the  icon to return to the page with calendar.

18.7 - Tag playback

When you are playing back a video, you can add a tag to mark an important point in time on the video. After playback, you can use time or the tag keywords to search for the corresponding video.

- **Adding a tag** - When the system is playing back, click the  icon to configure the tag name.
- **Playing back a tag** - During a single-channel playback, click the  icon to go to the tag list. Double-click a file to play back. To search for tagged videos by time, select the tag time and then click the  icon.
- **Playing before tagged time** - The system can play back previously set number of seconds before the tagged time if there is a video at that point. Otherwise, the system plays back as much as there is.
- **Managing tags** - On the tag list, click the  icon. To search for the tagged video, select a channel number, start time and end time, and click **Search**. To change the tag name, double-click a tagged video, and then enter a new name. To delete tags, select one or more tagged videos, and then click **Delete**.

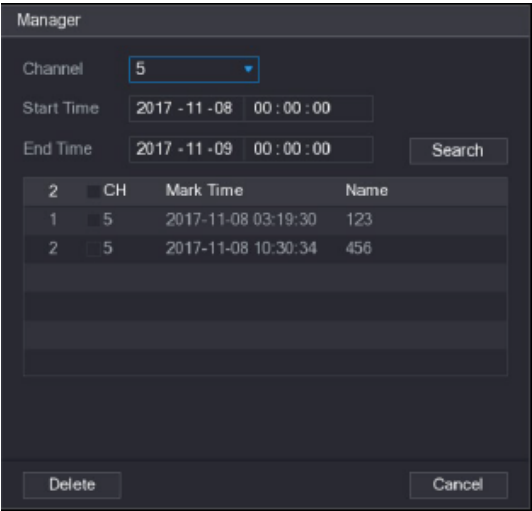


Figure 114: Tag management

18.8 - Recording information

Go to **Main Menu > MAINTAIN > System Info** to view the recording information.

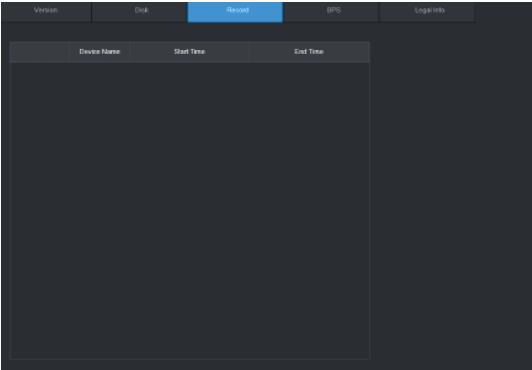


Figure 115: Recording information

19 AI

Artificial Intelligence (AI) detection is to process and analyze the image to extract the key information. The key information is compared with the preset detection rule. An alarm is triggered when the detected behavior matches the detection rule.

Note

The following figures are for reference only and might differ from the actual situation.

- **AI by camera** - Some cameras support AI detection by performing the detection and sending results to the recorder for display. When using AI by camera, make sure to connect the recorder to the cameras that support the corresponding AI detection functions.
- **AI by recorder** - Cameras send videos to the recorder for detection, analysis and result display.

Notes

- Some models support AI by camera only.
- The AI functions vary between the recorder models.
- Different AI functions can conflict with each other. You can't enable two conflicting AI functions for the same channel.

19.1 - Smart plan

To use AI by camera for face detection, face recognition and other detection functions, you need to enable the corresponding smart plan first.

Procedure:

1. Go to **Main Menu > AI > Parameters > Smart Plan**.
2. Select a channel.

Note

The page might differ depending on which smart plans that the remote device supports.

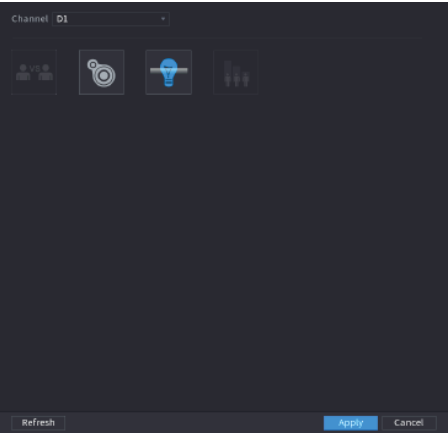


Figure 116: Smart plan

3. Click the icon that represents the smart plan to enable it. The icon becomes highlighted.

Note

If the channel is connected to a PTZ camera, you can set smart plans separately for each preset point.

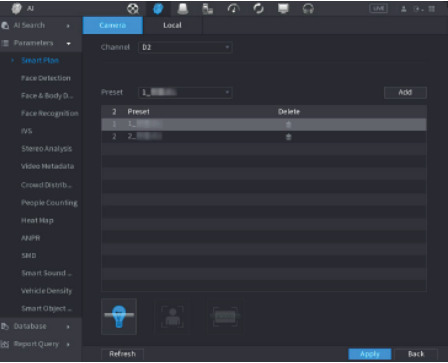


Figure 117: Smart plan with PTZ

4. Click **Apply**.

19.2 - AcuPick mode

Use cameras and the recorder with intelligent analysis capability to achieve accurate and quick search for human bodies and motor vehicles.

Note

Make sure both the camera and recorder support AcuPick function.

Procedure:

1. Go to **Main Menu > AI > Parameters > Smart Plan > Camera.**
2. Select the channel and click **Apply**. AcuPick is enabled by default.

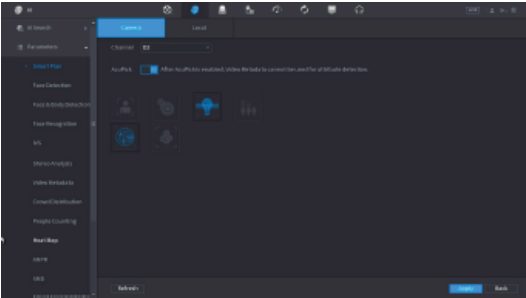


Figure 118: AcuPick- Camera configuration

3. Go to **Main Menu > AI > Parameters > Smart Plan > Local.**
4. Select the mode and click **Apply**. AcuPick is enabled by default.

Notes

- After changing the mode, the recorder restart automatically.
- When AcuPick is enabled, the auxiliary screen doesn't display images in 4K resolution. AI by Recorder, including face detection, face recognition, perimeter protection and SMD, ca't be enabled, and fisheye dewarping isn't supported.
- When AI Mode is enabled, AcuPick of devices isn't supported. AI by Recorder, including face detection, face recognition, perimeter protection and SMD can be enabled, and fisheye dewarping is supported.

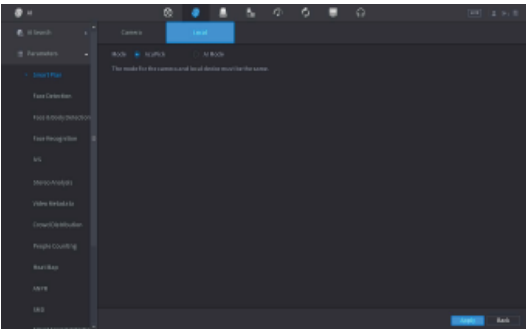


Figure 119: AcuPick- Local section

19.3 - Face detection

Face detection isn't available for MyEye Video Recorder Lite.

Make sure to enable the smart plan first. For more information see [19.1 - Smart plan.](#)

19.3.1 - Configuration of face detection

1. To configure alarm rules for face detection go to **Main Menu > AI > Parameters > Face Detection.**

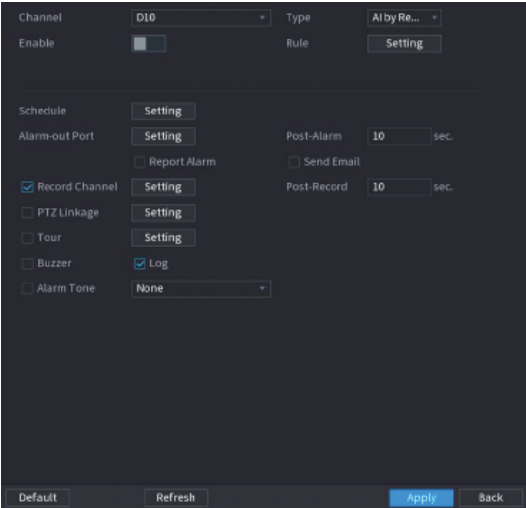


Figure 120: Face detection - configuration

2. Select a channel, and then select **AI by Reorder** or **AI by Camera** as **Type**.

Note

When **AI by Camera** is selected, you can enable **Face Enhancement** to improve face detection efficiency.

3. Click the  icon to enable face detection.
4. Click **Setting** next to **Rule** to draw areas to filter the target.
You can configure two target filters (maximum size and minimum size). The system triggers an alarm when the size of detected target is between the maximum size and the minimum size.
5. Click **Setting** next to **Schedule** to configure the arming period by moving the sliders.
The system triggers corresponding alarm actions only during the arming period.
You can also click the  icon to set the period.
6. Configure alarm linkage actions.
7. Click **Apply**.

19.3.2 - AI Search - Face Detection

You can search for the detected faces and play back related recordings.

Procedure:

1. Go to **Main Menu > AI > AI Search > Face Detection.**
2. Select the channel, enter the start time and end time, and select the attributes.
3. Click **Search**.

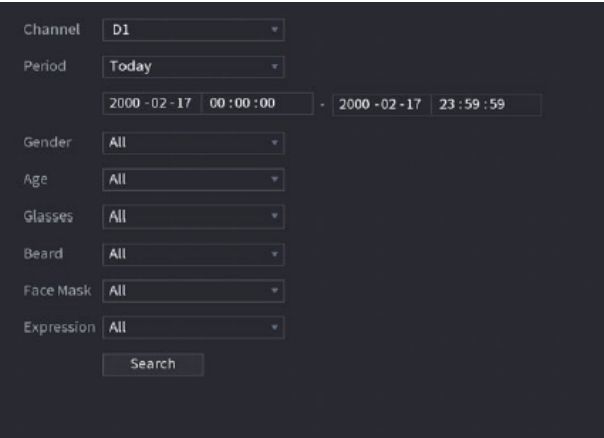


Figure 121: Face search

The results are displayed. For privacy reason, the human faces in the image are intentionally blurred. The actual image is clear.

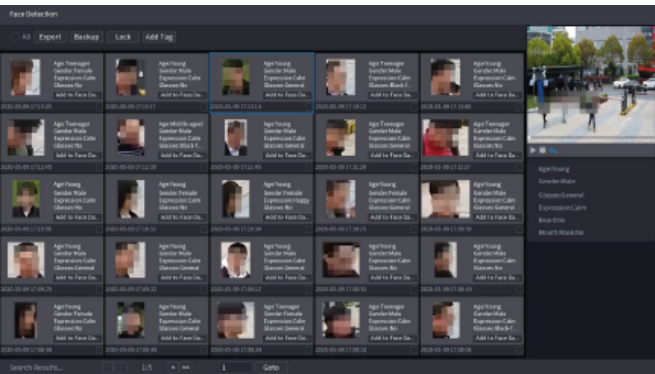


Figure 122: Search results

Related Operations

- Click a face and then the  icon for the system to play back the video around the snapshot time.
- Click Export to export results in Excel format.
- Select one or more images, click **Backup**, select the storage path and file type, and then click **Start** to back up the selected files to an external storage device.
- To lock images select one or more images and then click **Lock**. The locked files aren't overwritten.
- To add tags select one or more images and then click **Add Tag**.
- To add to face database click **Add to Face Database**, enter corresponding information, and add the image to the face database.

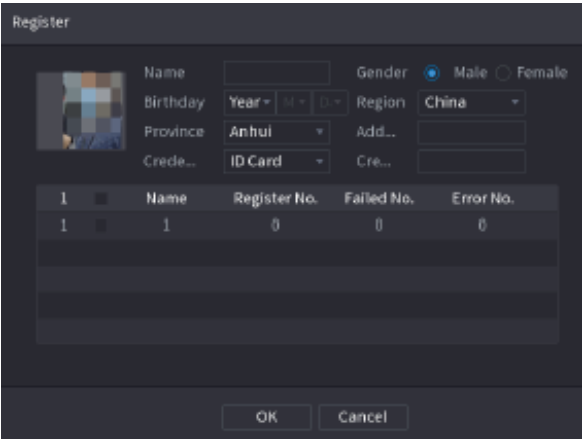


Figure 123: Adding face image to database

19.4 - IVS

The IVS function processes and analyzes images to extract the key information to match the specified rules. When the detected behaviors match the rules, the system activates alarms.

Notes

- IVS and face detection can't be enabled at the same time.
- Make sure to enable the smart plan first. For more information see [19.1 - Smart plan](#).

19.4.1 - Tripwire

When the detection target crosses the warning line along the set direction, the system performs an alarm linkage action.

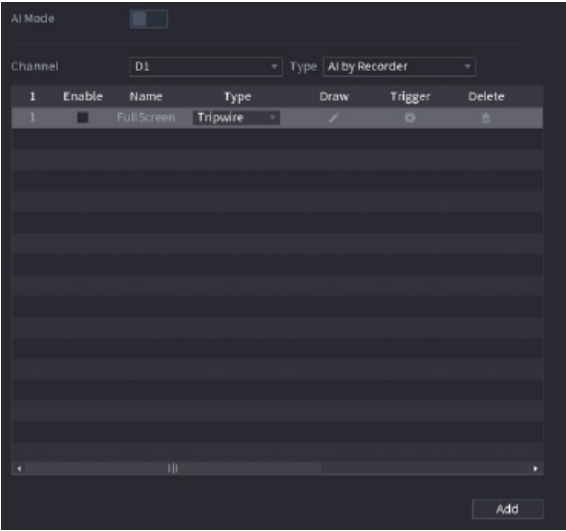


Figure 124: IVS

Procedure:

1. Go to **Main Menu > AI > Parameters > IVS**.
2. Select channel and AI type.
3. Click **Add** to add a rule.
4. On the **Type** list, select **Tripwire**.
5. Draw the detection rule.
 - Click the icon to draw a straight line or a curve on the surveillance video image. Right-click the image to stop drawing.
 - Click the icon to draw the minimum size or maximum size to filter the target.
The system triggers an alarm only when the size of detected target is between themaximum size and the minimum size.

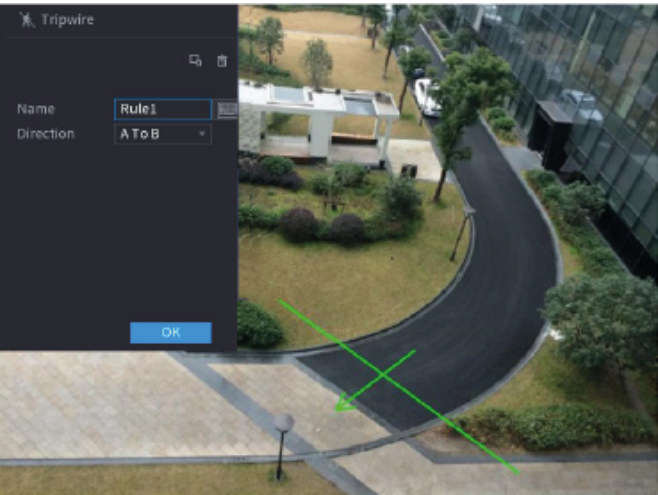


Figure 125: Tripwire - AI by camera

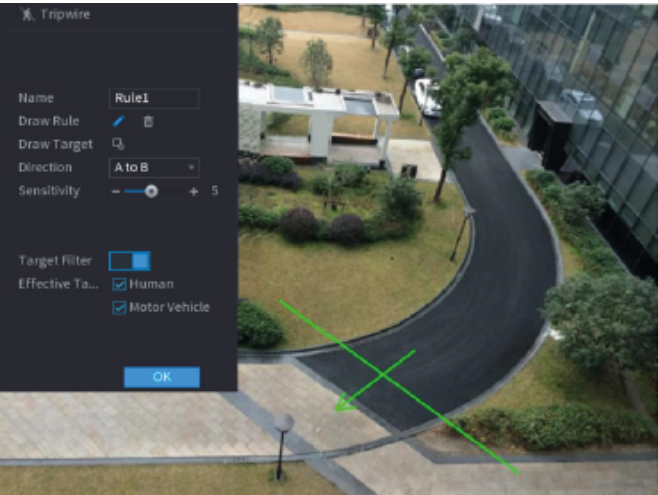


Figure 126: Tripwire - AI by recorder

6. Configure the parameters from the table below.

Table 36 - MyEye Video Recorder - Tripwire parameters	
Parameter	Description
Name	Customize the rule name.
Direction	Set the tripwire direction, including A→B, B→A and A↔B.
Target Filter	Click the icon and select a target. With Human and Motor Vehicle selected by default, the system automatically identifies the person and motor vehicle appeared within the monitoring range.

7. Click **OK**.
8. Click the icon to configure alarm schedule and linkage.

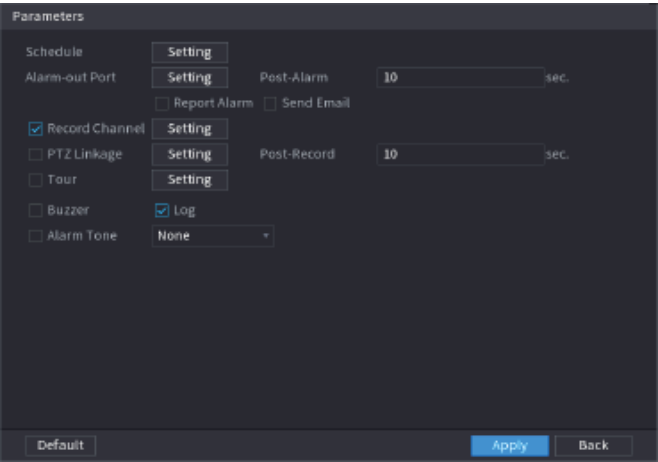


Figure 127: Schedule and alarm linkage

9. Click **Setting** next to **Schedule** to configure the alarm period.
10. Move the sliders or click the icon to set the period.
The system performs linkage actions only for alarms during the arming period.
11. Configure alarm linkage. For more information, see [Table 38 - MyEye Video Recorder - Alarm linkage parameters](#).
12. Click **Apply**.
13. Tick the **Enable** checkbox and then click **Apply**.

19.4.2 - Intrusion

When the detection target passes the edge of the monitoring area, and enters, leaves or traverses the monitoring area, the system performs an alarm linkage action.

Procedure:

1. Go to **Main Menu > AI > Parameters > IVS**.
2. Select channel and AI type.
3. Click **Add** to add a rule.
4. On the **Type** list, select **Intrusion**.
5. Draw the detection rule.
 - Click the  icon to draw a straight line or a curve on the surveillance video image. Right-click the image to stop drawing.
 - Click the  icon to draw the minimum size or maximum size to filter the target.The system triggers an alarm only when the size of detected target is between themaximum size and the minimum size.

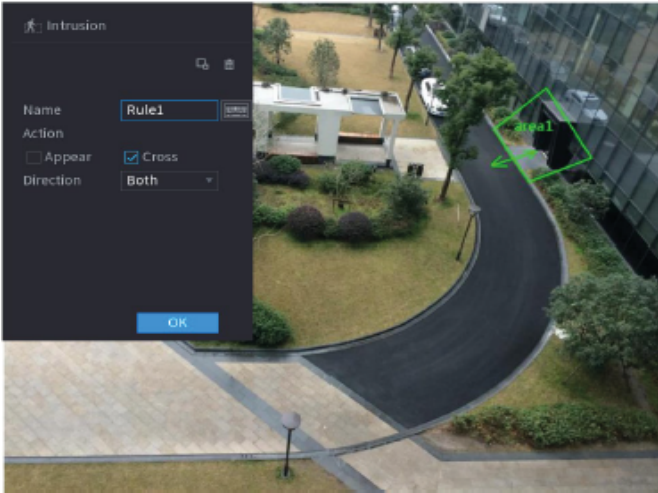


Figure 128: Intrusion - AI by camera



Figure 129: Intrusion - AI by recorder

6. Configure the parameters from [Table 36](#).
7. Click **OK**.
8. Click the  icon to configure alarm schedule and linkage.
9. Click **Setting** next to **Schedule** to configure the alarm period.
10. Move the sliders or click the  icon to set the period.

The system performs linkage actions only for alarms during the arming period.
11. Configure alarm linkage. For more information, see [Table 38 - MyEye Video Recorder - Alarm linkage parameters](#).
12. Click **Apply**.
13. Tick the **Enable** checkbox and then click **Apply**.

19.4.3 - AI search - IVS

Procedure:

1. Go to **Main Menu > AI > AI Search > IVS**.
2. Select the channel, enter the start time and end time, and select the attributes.
3. Click **Search**. The search results are displayed.

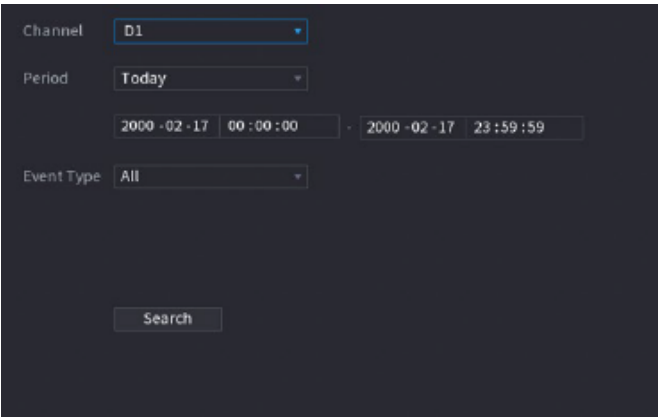


Figure 130: IVS search

Related Operations

- Click a face and then the  icon for the system to play back the video around the snapshot time.
- Click Export to export results in Excel format.
- Select one or more images, click **Backup**, select the storage path and file type, and then click **Start** to back up the selected files to an external storage device.
- To lock images select one or more images and then click **Lock**. The locked files aren't overwritten.
- To add tags select one or more images and then click **Add Tag**.
- To add to face database click **Add to Face Database**, enter corresponding information, and add the image to the face database.

19.5 - People Counting

The system can calculate the number of entry or exit people in the detection zone. An alarm is triggered when the number has exceeded the threshold.

Notes

- Make sure the connected camera supports people counting.
- Make sure to enable the smart plan first. For more information see [19.1 - Smart plan](#).

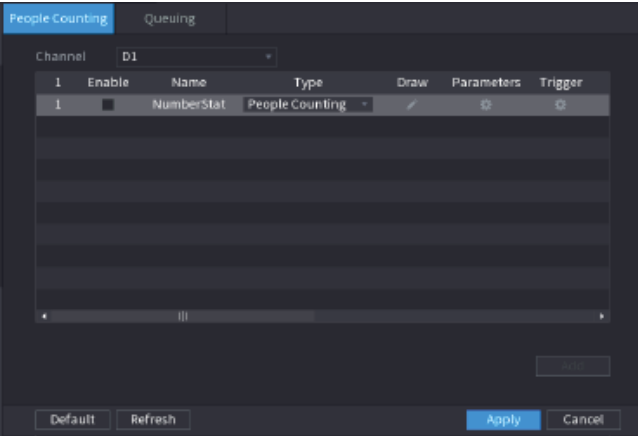


Figure 131: People counting

Procedure:

1. Go to **Main Menu > AI > Parameters > People Counting > People Counting**.
2. Select a channel and click **Add**.
3. Tick the **Enable** checkbox and set **Type** to **People Counting**.
4. Draw the people counting rule.
 - Click the  icon to draw a straight line or a curve on the surveillance video image. Right-click the image to stop drawing.
 - Customize the rule name and then select direction.
 - Click **OK**.
5. Click the  icon in the **Parameters** column to configure the parameters from the table below.

Table 37 - MyEye Video Recorder - People counting parameters	
Parameter	Description
OSD	• Enter No. - set the number of people entering the detection zone who are displayed on the live page. • Exit No. - set the the number of people leaving the detection zone who are displayed on the live page.
Setting	• Enter No. - An alarm is triggered when the number of people entering the detection zone exceeds the defined threshold. • Exit No. - An alarm is triggered when the number of people leaving the detection zone exceeds the defined threshold. • Stay No. - An alarm is triggered when the number of people staying the detection zone exceeds the defined threshold.

6. Click the  icon in the **Trigger** column to configure alarm schedule and linkage. For more information, see [Table 38 - MyEye Video Recorder - Alarm linkage parameters](#).
7. Click **Apply**.

19.6 - Configuring In Area No.

When the number of people in the detection area is larger or lower than the defined threshold, or when the staying period exceeds the defined duration, an alarm is triggered.

Notes

- Make sure the connected camera supports people counting.
- Make sure to enable the smart plan first. For more information see [19.1 - Smart plan](#).

Procedure:

1. Go to **Main Menu > AI > Parameters > People Counting > People Counting**.
2. Select a channel and click **Add**.
3. Tick the **Enable** checkbox and set **Type** to **In Area No.**
4. Draw the people counting rule.
 - Click the  icon to draw a rule. Right-click the image to stop drawing.
 - Configure the parameters.
 - Click **OK**.
5. Click the  icon to enable in-area people number alarm and stay alarm.
6. Click the  icon in the **Trigger** column to configure alarm schedule and linkage. For more information, see [Table 38 - MyEye Video Recorder - Alarm linkage parameters](#).
7. Click **Apply**.

19.7 - Queuing

After configuring queuing alarm, the system can realize the corresponding linkage actions once the number of people in the queue or the waiting time has triggered an alarm.

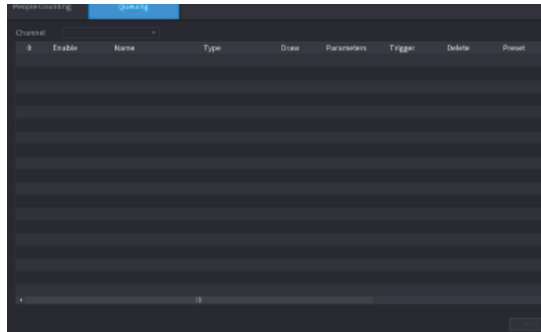


Figure 132: Queuing

Procedure:

1. Go to **Main Menu > AI > Parameters > People Counting > Queuing**.
2. Select a channel and click **Add**.
3. Tick the **Enable** checkbox.
4. Click the  icon to draw a queuing rule and area.
5. Click the  icon in the **Parameters** column and enable **Queue People No. Alarm** or **Queue Time Alarm**.
6. Click the  icon in the **Trigger** column to configure alarm schedule and linkage. For more information, see [Table 38 - MyEye Video Recorder - Alarm linkage parameters](#).
7. Click **Apply**.

19.8 - Report Query - people counting

You can search for and export the people counting statistics.

Notes

- The statistics might be overwritten when the storage space runs out. Make backup regularly.
- When you restore the recorder to factory settings, all the data except data in the external storage device is cleared. You can clear the data in the external storage device, for example, through formatting.

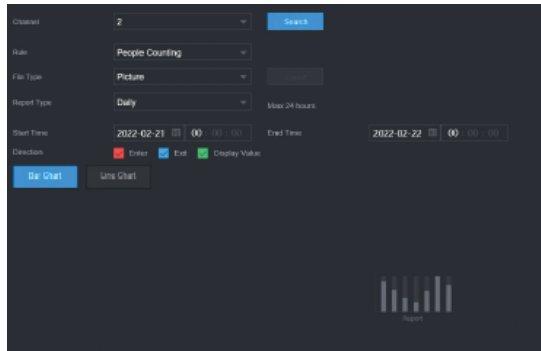


Figure 133: People counting

Procedure:

1. Go to **Main Menu > AI > Report Query > People Counting**.
2. Select channel, rule, report type, start and end time, and direction, and click **Search**.

Related Operations

- Click **Bart Chart** or **Line Chart** to switch the chart type.
- Select file type and click **Export** to export the report in picture or csv format.

19.9 - Heat Map

The Device can monitor the distribution of active objects in the detection zone during a period of time, and use different colors to display the objects on the heat map.

Note

Make sure to enable the smart plan first. For more information see [19.1 - Smart plan.](#)

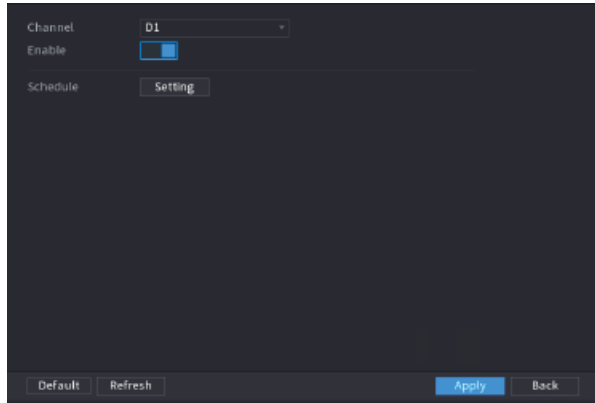


Figure 134: Heat map

Procedure:

1. Go to **Main Menu > AI > Parameters > Heat Map.**
2. Select a channel and click the  icon to enable the function.
3. Click **Setting** to configure the alarm schedule.



Figure 135: Schedule

4. Click **OK**.
5. Click **Apply**.

19.10 - Report Query

You can search for and export the heat map report of general and fisheye cameras.

19.10.1 - General

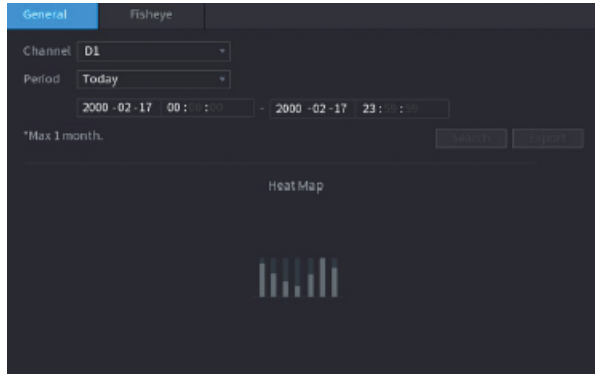


Figure 136: General - setting

Procedure:

1. Go to **Main Menu > AI > Report Query > Heat Map > General**.
2. Select a channel, start time, and end time.
3. Click **Search**.
4. Click **Export** to export the heat map.

19.10.2 - Fisheye

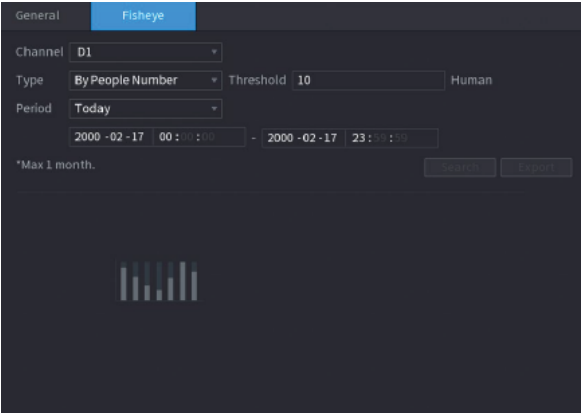


Figure 137: Fisheye - setting

Procedure:

- Go to **Main Menu > AI > Report Query > Heat Map > Fisheye**.
- Select a channel, type and period.
- Click **Search**.
- Click **Export** to export the heat map.

19.11 - SMD

You can use Smart Motion Detection (SMD) to detect humans and vehicles in the video, and store the detection results in structured storage for fast retrieval.

19.11.1 - Configuring SMD

Note

Make sure to enable the smart plan first. For more information see [19.1 - Smart plan](#).

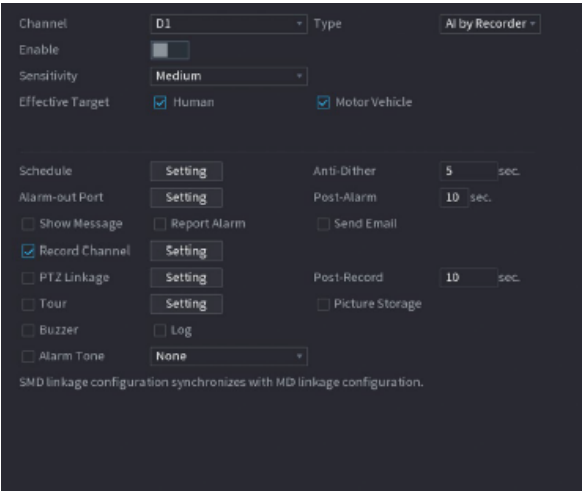


Figure 138: SMD

Procedure:

- Go to **Main Menu > AI > Parameters > SMD**.
- Select a channel and AI type.
- Click the  icon to enable the function.
- Configure the sensitivity.
The higher the value, the easier to trigger an alarm. With a high value a false alarm might occur. The default value is recommended.
- Select effective target from Human and Motor Vehicle.
- Click Setting next to schedule to configure the alarm period.
- Configure alarm linkage.

Table 38 - MyEye Video Recorder - Alarm linkage parameters	
Parameter	Description
Anti-Dither	The system records only one motion detection event within the defined period.
Alarm-out Port	When an alarm occurs, the recorder links the alarm output device to generate an alarm. The alarm lasts a period of time depending on the defined value for Post-Alarm .
Post-Alarm	Notes - Make sure the alarm devices are connected to the alarm output port of the recorder. - In Main Menu > ALARM > Alarm-out Port, set the mode to Auto so that the system can link the alarm output device to generate an alarm.
Show Message	Enable on-screen prompt when an alarm occurs.
Report Alarm	Enable the system to report the alarm to the alarm center. Note Make sure alarm center has been configured in Main Menu > NETWORK > Alarm Center .
Send Email	Enable the system to send an email to notify you when an alarm occurs. Note Make sure the email settings have been configured in Main Menu > NETWORK > Email .
Record Channel	When an alarm occurs, the system activates recording of the selected channel. After the alarm ends, the recording continues for a period of time depending on the defined value for Post-Record .
Post-Record	Note Make sure that intelligent recording schedule and auto recording have been configured. For more information, see 17.1 - Configuring video recording schedule .
PTZ Linkage	When an alarm occurs, the recorder associates the channel to perform the corresponding PTZ action. For example, rotate the PTZ to the preset point. Note Make sure PTZ actions have been configured. For more information, see 9 - PTZ
Tour	When an alarm occurs, the local page of the recorder displays the image of the selected channels in turn. Note Make sure the time interval and mode for tour have been configured in Main Menu > DISPLAY > Tour Setting .
Picture Storage	When an alarm occurs, the system takes a snapshot of the channel and stores the snapshot on the device. Note Make sure the snapshot schedule and snapshot mode have been configured. For more information, see 17.2 - Configuring snapshot schedule .
Buzzer	The system activates the buzzer when an alarm occurs.
Log	When an alarm occurs, the system records the event in the logs.
Alarm Tone	When an alarm occurs, the system plays the selected audio file. Note Make sure that the audio files have been uploaded to the system. For details, see 27.1 - File Management .

19.11.2 - AI Search - SMD

You can search for and play back videos that triggered SMD alarms.

Procedure:

- Go to **Main Menu > AI > AI Search > SMD**.
- Select the channel, type, start time and end time.
- Click **Search**.
- Click the  icon to play back the chosen video. You can also select a video and click **Export** to export video file to a USB flash drive.

20 ALARM SETTINGS

20.1 - Alarm Information

You can search for, view and back up the alarm information.

Procedure:

- Go to **Main Menu > ALARM > Alarm Info.**
- Select the event type, and set the search period.
- Click Search.
The search results are displayed.

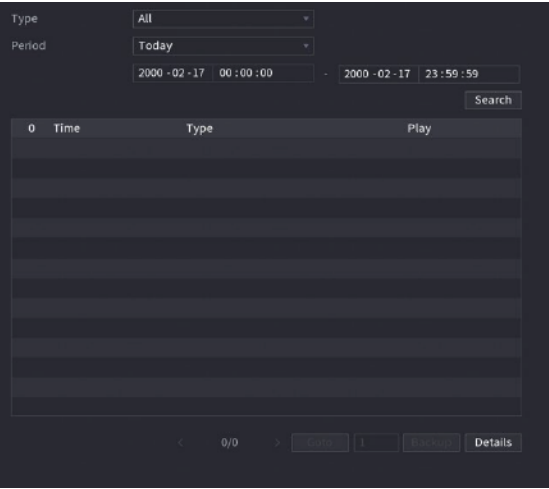


Figure 139: Alarm information

Related Operations

- To play back an alarm video select an alarm event log and click the  icon.
- To create a backup select an alarm event log and then click **Backup** to back up it to peripheral USB device.
- To view alarm details double-click a log or click **Details**.

20.2 - Alarm Status

To view the recorder alarm event and remote channel alarm event go to **Main Menu > ALARM > Alarm Status.**

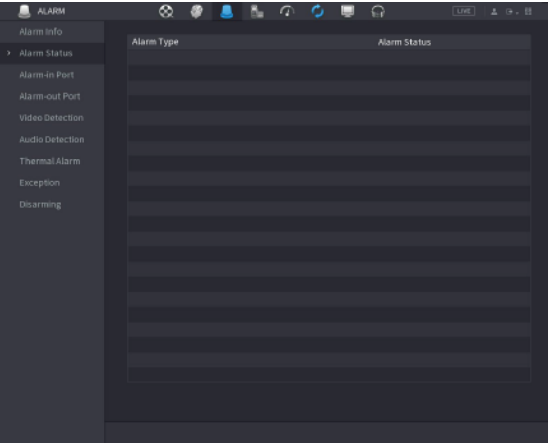


Figure 140: Alarm status

20.3 - Alarm input

Procedure:

- Go to **Main Menu > ALARM > Alarm-in Port.**
- Configure tabs listed in the table below.

Table 39 - MyEye Video Recorder - Alarm input tabs

Tab	Description
Local	After connecting the alarm device to the recorder alarm input port, the system performs alarm linkage actions when there is an alarm signal from the alarm input port to the recorder.
Network	The recorder performs alarm linkage actions upon receiving the alarm signal through the network transmission.
CAM Ext	When the peripheral device connected to the camera has triggered an alarm, the camera uploads the alarm signal to the recorder through the network transmission. The system performs the corresponding alarm linkage actions.
CAM Offline	When the network connection between the recorder and the network camera is off, the system performs alarm linkage actions.

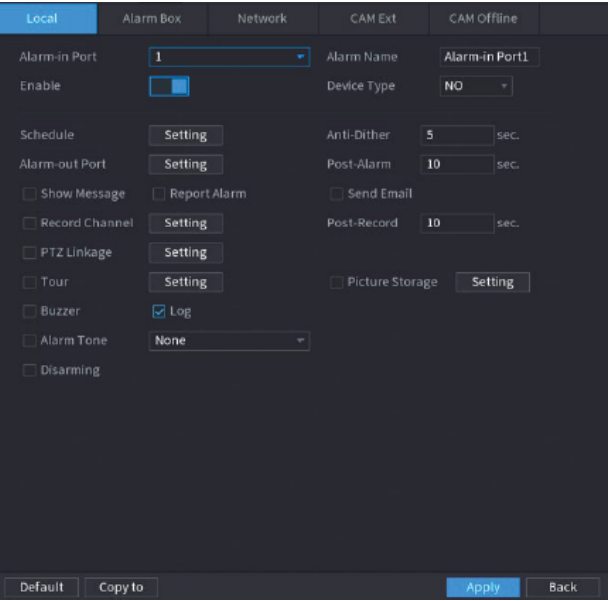


Figure 141: Local alarm

- Click **Setting** next to **Schedule** in the **Local** tab to configure the alarm schedule.
- Configure the anti-dither period.
If multiple alarms occur during the anti-dither period, the system only record the event once.
- Configure alarm linkage. For more information, see [Table 38 - MyEye Video Recorder - Alarm linkage parameters.](#)
-
- Enable **Disarming** so that you can connect a switch to the alarm input port for disarming control.
- Click **Apply**.

20.4 - Alarm output

You can set the alarm output mode to:

- Auto** - Once an alarm event occurs, the system generates an alarm.
- Manual** - Alarm device is always on the alarming mode.
- Off** - Disable alarm output function.

Procedure:

- Go to **Main Menu > ALARM > Alarm-out Port.**
- Select the alarm mode of the alarm output channel.
- Click **Apply**.

To clear all alarm output statuses click **OK** next to **Alarm Reset**.

You can view the alarm output status in the **Status** line.

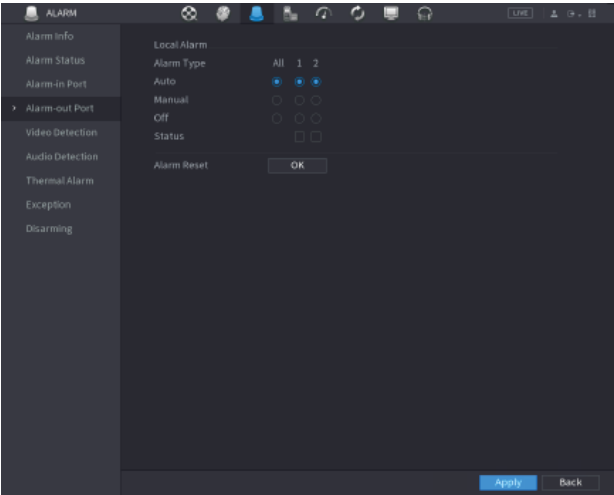


Figure 142: Alarm-out port

20.5 - Video detection

The system can analyze the video and check whether there is considerable change or not. Once video has changed considerably, for example, there is a moving object, video is distorted, the system performs alarm linkage actions.

20.5.1 - Motion detection

When the moving object appears and moves fast enough to reach the preset sensitivity value, the system performs alarm linkage actions.

Procedure:

- Go to **Main Menu > ALARM > Video Detection > Motion Detection**.
- Select a channel and click the  icon to enable the function.
- Click **Setting** next to **Region** to configure the detection region.
- Select one region, for example, by clicking the  icon.
- Drag on the screen to select the region that you want to detect.
- Configure parameters listed in the table below.
You can configure up to four detection regions. When any of the regions activates motion detection alarm, the channel this region belongs to activates motion detection alarm.

Table 40 - MyEye Video Recorder - Detection region parameters	
Parameter	Description
Name	Enter a name for the region.
Sensitivity	Every region has an individual sensitivity value. The bigger the value, the easier to trigger an alarm.
Threshold	Adjust the threshold for motion detection. Every region of every channel can have an individual threshold.

- Right-click the page to exit.
- Click **Setting** next to **Schedule** to configure the alarm schedule.
- Configure the anti-dither period.
If multiple alarms occur during the anti-dither period, the system only record the event once.
- Configure alarm linkage.
This section uses associating siren as an example. Enable **Alarm Hub**, select the alarm hub as needed, and then select siren as needed.
- Click **Apply**.

20.5.2 - Video loss

When the video loss occurs, the system performs alarm linkage actions.

Procedure:

- Go to **Main Menu > ALARM > Video Detection > Video Loss**.
- Select a channel and click the  icon to enable the function.
- Click **Setting** next to **Schedule** to configure the alarm schedule.
- Configure alarm linkage.
- Click **Apply**.

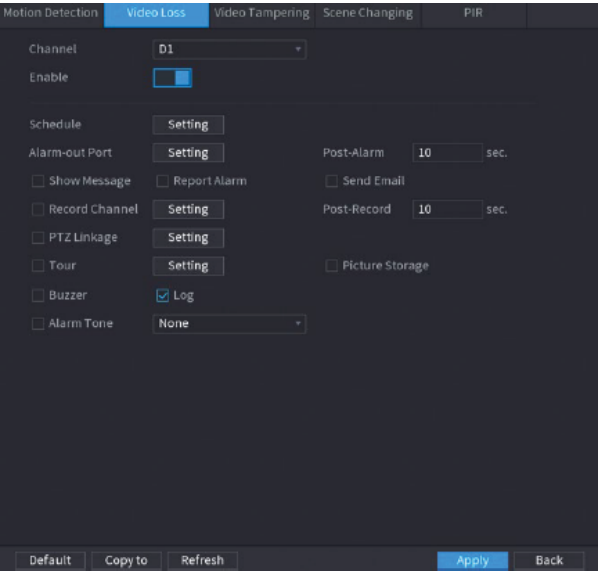


Figure 143: Video Loss

20.5.3 - Video tampering

When the camera lens is covered, or the video is displayed in a single color because of sunlight status, the monitoring can't be continued normally. To avoid such situations, you can configure the tampering alarm settings.

Procedure:

- Go to **Main Menu > ALARM > Video Detection > Video Tampering**.
- Select a channel and click the  icon to enable the function.
- Click **Setting** next to **Schedule** to configure the alarm schedule.
- Configure alarm linkage.
- Click **Apply**.

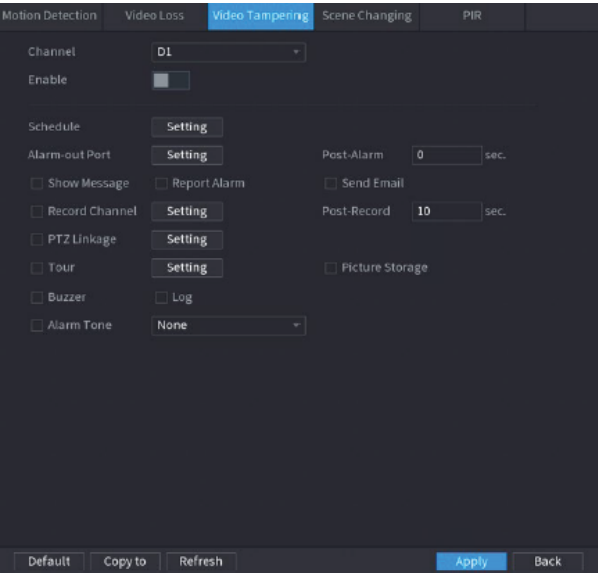


Figure 144: Video tampering

20.5.4 - Scene change

When the detected scene has changed, system performs alarm linkage actions.

Procedure:

- Go to **Main Menu > ALARM > Video Detection > Scene Changing**.
- Select a channel and click the  icon to enable the function.
- Click **Setting** next to **Schedule** to configure the alarm schedule.
- Configure alarm linkage.
- Click **Apply**.

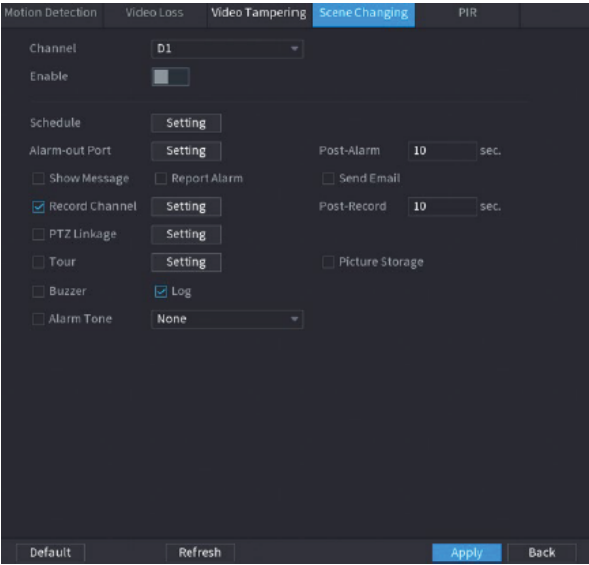


Figure 145: Scene changing

20.5.5 - PIR alarm

PIR function helps enhancing the accuracy and validity of motion detect. It can filter the meaningless alarms that are activated by the objects such as falling leaves and flies. The detection range by PIR is smaller than the field angle.

PIR function is enabled by default if it's supported by the cameras. Enabling PIR function gets the motion detection to be enabled automatically to generate motion detection alarms.

Procedure:

1. Go to **Main Menu > ALARM > Video Detection > PIR.**
2. Select a channel and click the  icon to enable the function.
3. Click **Setting** next to **Region** to configure the detection region.
4. Point to the middle top of the page.
5. Select one region, for example, by clicking the  icon.
6. Drag on the screen to select the region that you want to detect.
7. Configure parameters listed in [Table 40](#).

You can configure up to four detection regions. When any of the regions activates motion detection alarm, the channel this region belongs to activates motion detection alarm.

20.5.6 - Audio Detection

The system can generate an alarm once it detects the audio isn't clear, the tone color has changed or there is abnormal or audio volume change.

Procedure:

1. Go to **Main Menu > ALARM > Video Detection > Audio Detection.**
2. Select a channel and click the  icon to enable the detection of audio exception and intensity change.
 - **Audio Exception** - The system generates an alarm when the audio input is abnormal.
 - **Intensity Change** - Set the sensitivity and threshold. An alarm is triggered when the change in sound intensity exceeds the defined threshold.
3. Click **Setting** next to **Schedule** to configure the alarm schedule.
4. Configure alarm linkage.
5. Click **Apply**.

20.6 - Exception

When an error in HDD, network, and device occurs, the system performs alarm linkage actions.

Procedure:

1. Go to **Main Menu > ALARM > Video Detection > Exception.**
2. Click each of the tabs listed below and select an event type.
 - **Disk** -The system detects HDD error, no HDD, no space, and other HDD events.
 - **Network** - The system detects network errors such as disconnection, IP conflict, and MAC conflict.
 - **Device** -The system detects device errors such as abnormal fan speed and network security error.
3. Click the  icon to enable the function.
4. Optionally: if the event type is Low Space, you need to configure the threshold of storage space. When the storage space is lower than the threshold, an alarm is triggered.
5. Configure alarm linkage. For more information, see [Table 38 - MyEye Video Recorder - Alarm linkage parameters](#).
6. Click **Apply**.

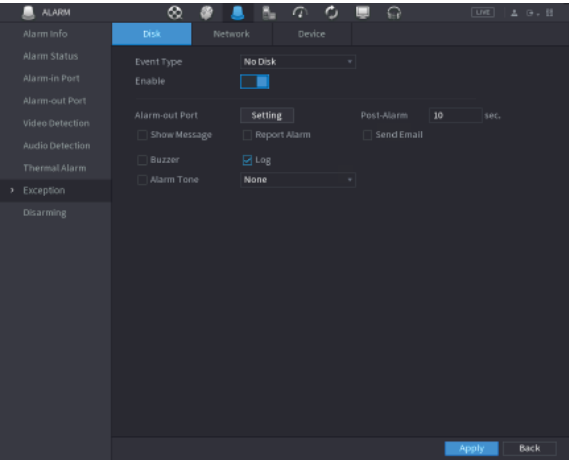


Figure 146: Disk exception

20.7 - Disarming

You can disarm all alarm linkage actions as needed through one click.

Procedure:

1. Go to **Main Menu > ALARM > Disarming.**
2. Select **On** for **Disarming** to enable disarming.

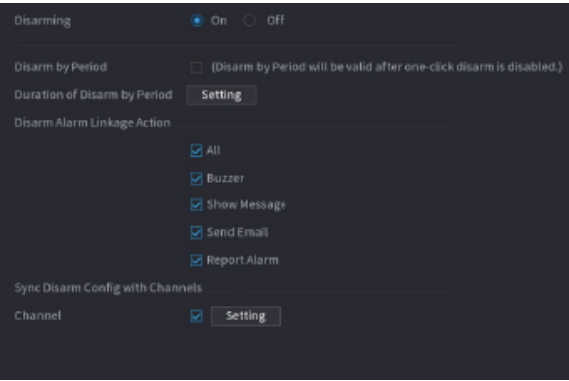


Figure 147: Disarming

3. Optionally: to enable scheduled disarming, click **Setting** next to **Duration of Disarm by Period**, and then set periods.

Note

Scheduled disarming is only effective when **Disarming** is **Off**.

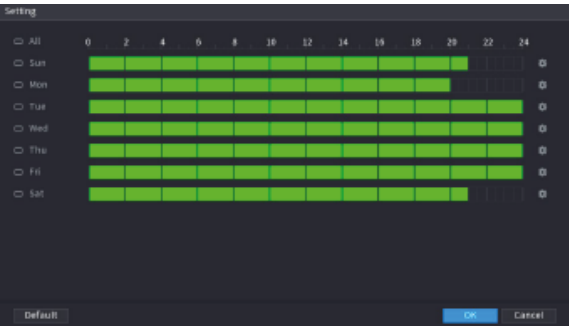


Figure 148: Scheduled disarming

- Drag your mouse to set time blocks.
 - Green blocks indicates that disarming is enabled.
 - You can also click the  icon to set time periods. One day can have 6 periods at most.
4. Select the alarm linkage actions to disarm.

Note
All alarm linkage actions are disarmed if you select All.
 5. To disarm remote channels, tick the checkbox at **Channel**, and then click **Setting** to select channels.

Note
This function is only effective when the connected camera supports one-click disarming.
 6. Click **Apply**.

Configure the network settings to ensure the recorder can communicate with other devices on the same LAN.

21.1 - TCP/IP

You can configure the settings for the recorder such as IP address or DNS according to the networking plan.

Procedure:

1. Go to **Main Menu > NETWORK > TCP/IP**.
2. Click the  icon to configure the NIC card, and then click **OK**.

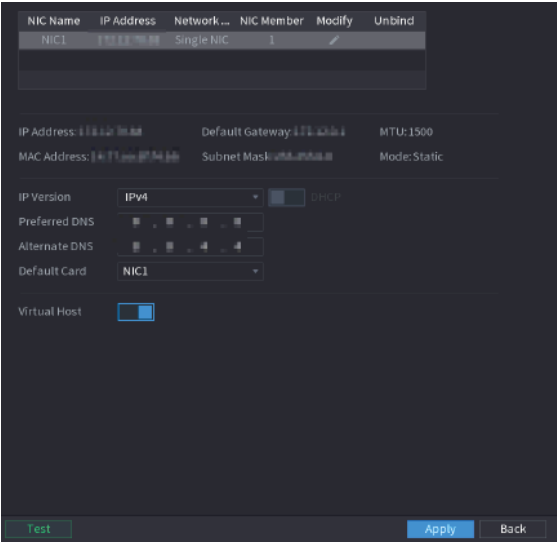


Figure 149: TCP/IP - 1

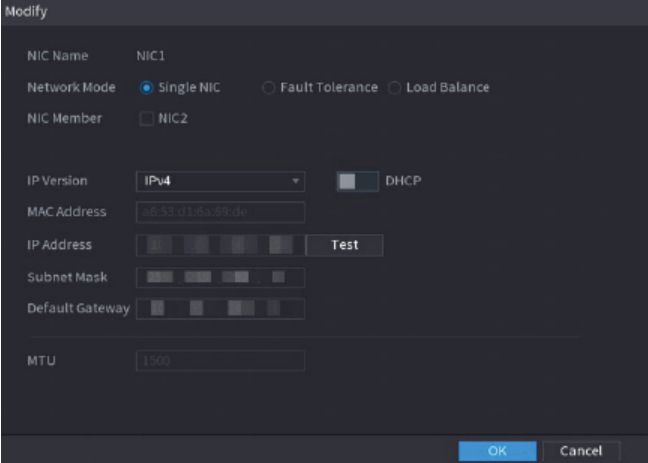


Figure 150: TCP/IP - 2

Table 41 - MyEye Video Recorder - TCP/IP parameters	
Parameter	Description
Network Mode	• Single NIC - The current NIC card works independently. If the current NIC card is disconnected, the recorder becomes offline. • Fault Tolerance -Two NIC cards share one IP address. Normally only one NIC card is working. When this card fails, the other NIC card starts working automatically to ensure the network connection. The recorder is regarded as offline only when both NIC cards are disconnected. • Load Balance - Two NIC cards share one IP address and work at the same time to share the network load averagely. When one NIC card fails, the other card continues to work normally. The recorder is regarded as offline only when both NIC cards are disconnected.
NIC Member	When the network mode is Fault Tolerance or Load Balance , you need to tick the checkbox to bind NIC cards. Notes • Make sure at least two NIC cards are installed. • NIC cards using different ports such as optical port and electrical port can't be bound together. • After binding NIC cards, you need to restart the recorder to make the change effective.
IP Version	Select IPv4 or IPv6. Both versions are supported for access.
MAC Address	Displays the MAC address of the recorder.
DHCP	Enable the system to allocate a dynamic IP address to the recorder. There is no need to set IP address manually. • If you want to manually configure the IP information, disable the DHCP function first. • If PPPoE connection is successful, the IP address, subnet mask, default hub, and DHCP aren't available for configuration.
IP Address	• Enter the IP address and configure the corresponding subnet mask and default hub. • The IP address and default hub must be on the same network segment. • Click Test to check whether the IP address is available.
Subnet Mask	
Default Gateway	
MTU	Displays the MTU value of the NIC card.

3. On the **TCP/IP** page, configure the DNS server. It's necessary to use the domain service.
 - When there is DHCP server on the network, you can enable DHCP so that the recorder can automatically obtain a dynamic IP address
 - You can also select the IP version, and enter the IP addresses of preferred and alternate DNS server.
4. Select a NIC card as the default card.
5. Click **Apply**.

21.2 - Port

You can configure the maximum connection for accessing the recorder from web, platform, mobile phone or other clients at the same time, and configure each port number.

Procedure:

1. Go to **Main Menu > NETWORK > Port**.

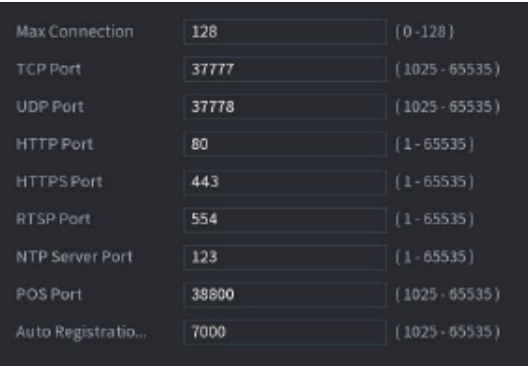


Figure 151: Port

2. Configure parameters listed in the table below.

Note

The parameters except **Max Connection** take effect after the recorder restarts.

Table 42 - MyEye Video Recorder - Port parameters	
Parameter	Description
Max Connection	The maximum number of clients, including web client, platform, and mobile client accessing the recorder at the same time.
TCP Port	Transmission control protocol port - enter the value according to your actual situation.
UDP Port	User datagram protocol port - enter the value according to your actual situation.
HTTP Port	The default value setting is 80 . You can enter the value according to your actual situation. If you change the HTTP port number to, for example, 70, then you need to enter 70 after the IP address when logging in to the recorder through the browser.
HTTPS Port	HTTPS communication port. The default value is 443 . You can enter the value according to your actual situation.
RTSP Port	The default value is 554 . You can enter the value according to your actual situation.
POS Port	POS data transmission port. The value range from 1 through 65535. The default value is 38800 .
Auto Registration Port	The auto registered port. Supports adding cameras through auto registration.

3. Click **Apply**.

21.3 - External Wi-Fi

The recorder can be connected to wireless network with an external Wi-Fi module.

Make sure external Wi-Fi module is installed on the recorder.

Procedure:

1. Go to **Main Menu > NETWORK > Wi-Fi**.

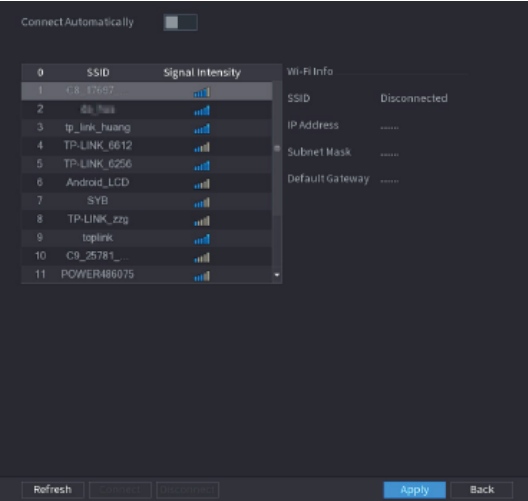


Figure 152: Wi-Fi

2. Configure parameters listed in the table below.

Table 43 - MyEye Video Recorder - Wi-Fi parameters	
Parameter	Description
Connect Automatically	After the function is enabled, the recorder connects to the nearest site that was previously successfully connected after the recorder starts.
Refresh	Search for the sites again.
Disconnect	Disconnect the current connection.
Connect	Select an available site and click Connect .

3. Click **Apply**.
- After the connection is successful, a Wi-Fi connection signal flag appears in the upper-right corner of the live view page.
- D-LINK, dongle and EW-7811UTC wireless cards are currently supported Wi-Fi module models.

21.4 - 3G/4G

Make sure 3G/4G module is installed on the device.

This function isn't available for MyEye Video Recorder Lite.

Procedure:

- Go to **Main Menu > NETWORK > 3G/4G**.
The page is divided into three main areas:
 - Zone 1 - displays a 3G/4G signal indication when the 3G/4G is enabled
 - Zone 2 - displays 3G/4G module configuration information when the 3G/4G module is connected
 - Zone 3 - displays the status information of the 3G/4G module when the 3G/4G is enabled
- Configure parameters listed in the table below.

Table 44 - MyEye Video Recorder - 3G/4G parameters	
Parameter	Description
NIC Name	Select a NIC name.
Network Type	Select a 3G/4G network type to distinguish between 3G/4G modules from different vendors.
APN, Dial-up No.	Main parameters of PPP dial
Authentication Type	Select PAP , CHAP or NO_AUTH . NO_AUTH represents no authentication for 3G/4G.

21.5 - DDNS

When the IP address of the Device changes frequently, the DDNS function can dynamically refresh the correspondence between the domain on DNS and the IP address. You can access the recorder by using the domain.

Check the type of DDNS that the recorder supports and then log in to the website provided by the DDNS service provider to register domain and other information. After the registration, you can log in to the DDNS website to view the information of all the connected devices under the registered account.

Procedure:

- Go to **Main Menu > NETWORK > DDNS**.

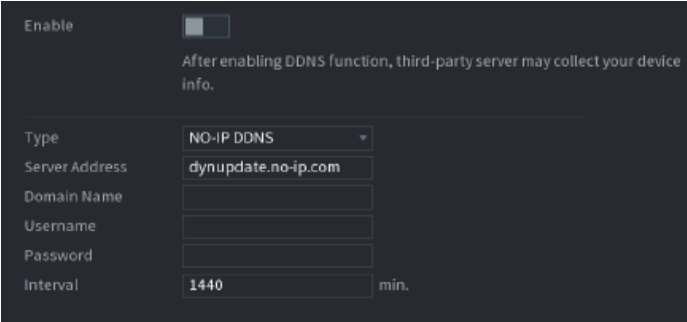


Figure 153: DDNS

- Enable DDNS and then configure the parameters listed in [Table 45](#).
Note
After you enable DDNS function, the third-party server might collect your device information.

Table 45 - MyEye Video Recorder - DDNS parameters	
Parameter	Description
Type	Displays the type and address of DDNS service provider.
Server Address	- For Dyndns DDNS, the default address is members.dyndns.org. - For NO-IP DDNS, the default address is dynupdate.no-ip.com. - For CN99 DDNS, the default address is members.3322.org.
Domain Name	Enter the domain name that you have registered on the website of DDNS service provider.
Username	Enter the username and password obtained from DDNS service provider. You need to register the username, password and other information on the website of DDNS service provider.
Password	
Interval	Enter the interval at which you want to update the DDNS.

- Click **Apply**.
Enter the domain name in the browser of your computer and press the **Enter** key. If the web page of the recorder is displayed, the configuration is successful.

21.6 - UPnP

You can map the relationship between the LAN and the WAN to access the recorder on the LAN through the IP address on the WAN.

This function isn't available for MyEye Video Recorder Lite.

Procedure:

- Log into the router and set the WAN port to enable the IP address needed for connection with the WAN.
- Enable the UPnP function on the router.
- Connect the recorder with the LAN port of the router.
- Go to **Main Menu > NETWORK > TCP/IP**.
- Configure the IP address into the router IP address range, or enable the DHCP function to obtain an IP address automatically.
- Go to **Main Menu > NETWORK > UPnP**.

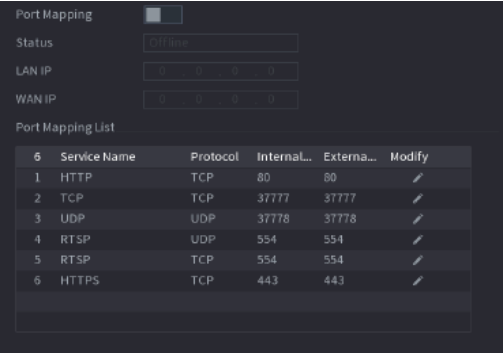


Figure 154: UPnP

- Configure parameters listed in the table below.

Table 46 - MyEye Video Recorder - UPnP parameters	
Parameter	Description
Port Mapping	Enable the UPnP function
Status	Indicates the status of UPnP function: Offline - Failed Online - Succeeded
LAN IP	Enter IP address of router in the LAN. When mapping is successful, the system obtains IP address automatically.
WAN IP	Enter IP address of router on the WAN. When mapping is successful, the system obtains IP address automatically.
Port Mapping List	The settings of port mapping list correspond to the UPnP port mapping list on the router. Service Name - Name of network server. Protocol -Type of protocol. Internal Port - Internal port that is mapped on the recorder. External Port - External port that is mapped on the router. Notes - To avoid a conflict when setting the external port, use ports from 1024 to 5000. Avoid popular ports from 1 to 255 and system ports from 256 to 1023. - If there are several devices in the LAN, arrange properly the ports mapping relations to avoid mapping to the same external port. - When establishing a mapping relationship, ensure the mapping ports aren't occupied or limited. - The internal and external ports of TCP and UDP needs to be the same and can't be modified. - Click the  icon to modify the external port.

8. Click **Apply** to complete the settings.
- In the browser, enter http://WAN IP: External IP port to connect to the device through the LAN.

21.7 - Email

You can configure the email settings to enable the system to send the email as a notification when an alarm event occurs.

Procedure:

1. Go to **Main Menu > NETWORK > Email**.

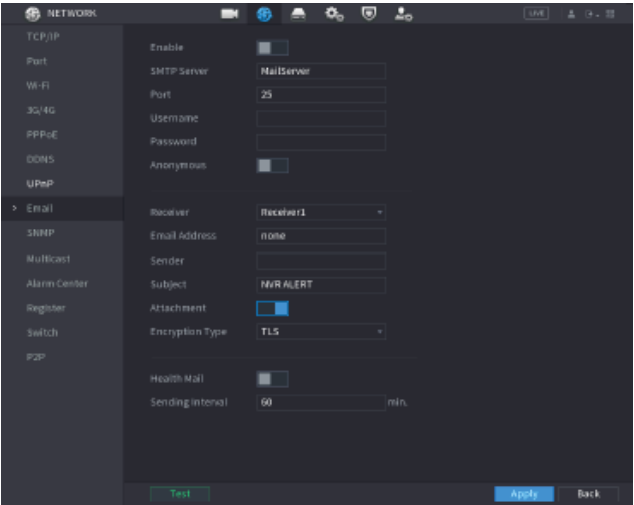


Figure 155: Email

2. Click the  icon to enable the function.
3. Configure parameters listed in the table below.

Table 47 - MyEye Video Recorder - Email parameters	
Parameter	Description
SMTP Server	Enter the address of SMTP server of sender's email account
Port	Enter the port of SMTP server. The default value is 25
Username	Enter the username and password of sender's email account
Password	
Anonymous	Enable anonymous login
Receiver	Select the receiver to get notifications. You can select up to three receivers.
Email Address	Enter the email address of mail receivers.
Sender	Enter the sender's email address. You can enter up to three senders separated by comma.
Subject	Enter the email subject. You can enter up to 64 characters using Chinese, English and numerals.
Attachment	Enable the attachment function. When there is an alarm event, the system can attach snapshots as an attachment to the email.
Encryption Type	Select the encryption type from NONE , SSL , or TLS . For SMTP server, the default encryption type is TLS.
Interval (Sec.)	Set the interval at which the system sends an email for the same type of alarm event to avoid excessive pile-up of emails caused by frequent alarm events. The value ranges from 0 to 3600. 0 means that there is no interval.
Health Mail	Enable the health test function. The system can send a test email to check the connection.
Sending Interval	Set the interval at which the system sends a health test email. The value ranges from 30 to 1440. 0 means that there is no interval.
Test	Click Test to test the email sending function. If the configuration is correct, the receiver's email account receives the email. Before testing, click Apply to save the settings.

4. Click **Apply**.

21.8 - SNMP

You can connect the recorder with some software such as MIB Builder and MG-SOFT MIB Browser to manage and control the device using this software.

This function isn't available for MyEye Video Recorder Lite.

Procedure:

1. Install the software that can manage and control the SNMP.
2. Obtain the MIB files that correspond to the current version from the technical support.
3. Go to **Main Menu > NETWORK > SNMP**.

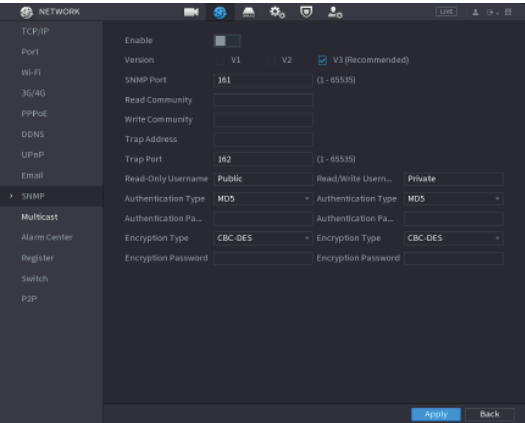


Figure 156: SNMP

4. Click the  icon to enable the function.
5. Configure parameters listed in the table below.

Table 48 - MyEye Video Recorder - SNMP parameters	
Parameter	Description
Version	Tick the checkbox of SNMP version that you are using. The default version is V3 .
SNMP Port	Enter the monitoring port on the agent program.
Read Community	Enter the read and write strings supported by the agent program.
Write Community	
Trap Address	Enter the destination address for the agent program to send the Trap information to.
Trap Port	Enter the destination port for the agent program to send the Trap information to.
Read-Only Username	Enter the username that is allowed to access the recorder and has the read-only permission.
Read/Write Username	Enter the username that is allowed to access the recorder and has the read and write permission.
Authentication Type	Select MD5 or SHA. The system recognizes the type automatically.
Authentication Password	Enter the password for authentication. The password should be no less than eight characters.
Encryption Type	Select an encryption type. The default setting is CBC-DES .
Encryption Password	Enter the encryption password.

6. Click **Apply**.
7. Compile the two MIB files by MIB Builder.
8. Run MG-SOFT MIB Browser to load in the module from compilation.
9. On the MG-SOFT MIB Browser, enter the device IP that you want to manage, and select the version number to query.
10. On the MG-SOFT MIB Browser, unfold the tree-structured directory to obtain the configurations of the Device, such as the channels quantity and software version.

21.9 - Multicast

When you access the recorder from the network to view the video, if the access is exceeded, the video isn't displayed. You can use the multicast function to group the IP to solve the problem.

Procedure:

1. Go to **Main Menu > NETWORK > Multicast**.

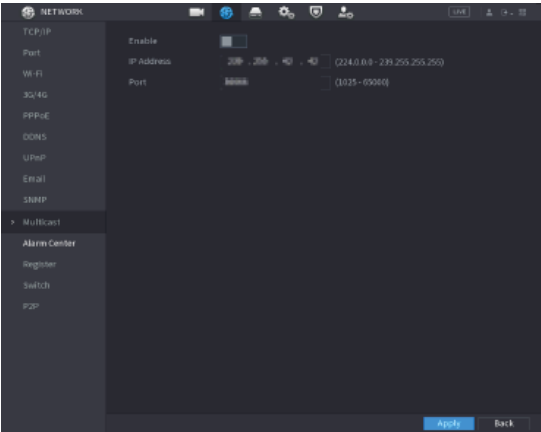


Figure 157: Multicast

2. Configure parameters listed in the table below.

Table 49 - MyEye Video Recorder - Multicast parameters	
Parameter	Description
Enable	Click the  icon to enable the multicast function.
IP Address	Enter the IP address that you want to use as the multicast IP. The IP address ranges from 224.0.0.0 to 239.255.255.255.
Port	Enter the port for the multicast. The port ranges from 1025 to 65000.

3. Click **Apply**.

You can log in to the web page using multicast by selecting **Multicast** on the Type list on the web login page. The web obtains automatically the multicast IP address and joins the multicast group. You can view the video through the multicast function.

21.10 - Alarm Center

You can configure the alarm center server to receive the uploaded alarm information.

Procedure:

1. Go to **Main Menu > NETWORK > Alarm Center**.

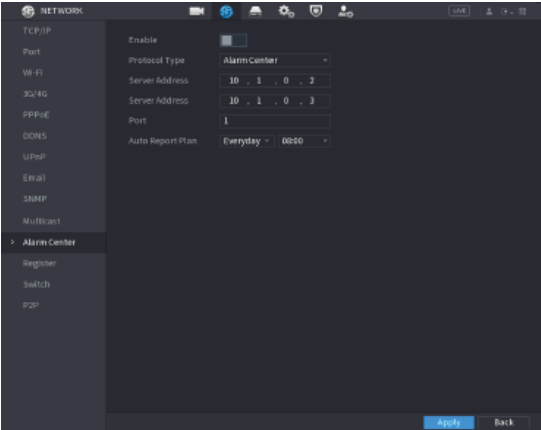


Figure 158: Alarm center

2. Click the  icon to enable the function.
3. Configure parameters listed in the table below.

Table 50 - MyEye Video Recorder - Alarm center parameters	
Parameter	Description
Protocol Type	Select a protocol type
Server Address	The IP address and communication port of the PC installed with alarm
Port	Client
Auto Report Plan	Select time cycle and specific time for uploading alarm.

4. Click **Apply**.

21.11 - Register

You can register the recorder into the specified proxy server, which acts as the transit, which enables the client software to access the recorder. Before the configuration, the proxy server needs to be deployed. The recorder, proxy server and device running the client software need to be in the same network.

Procedure:

1. Go to **Main Menu > NETWORK > Register**.

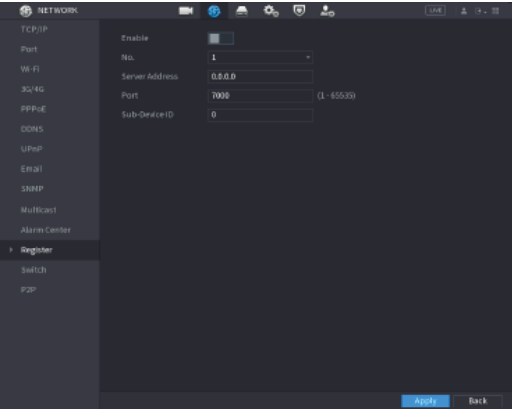


Figure 159: Register

2. Click the  icon to enable the function.
3. Configure parameters listed in the table below.

Table 51 - MyEye Video Recorder - Register parameters	
Function	Description
Server Address	Enter the IP address or domain name of the server you want to register to.
Port	Enter the port of the server.
Sub-Device ID	Enter the ID allocated by the server.

4. Click **Apply**.

21.12 - P2P

Peer-to-peer (P2P) is a kind of convenient private network penetration technology. Instead of applying for dynamic domain name, mapping ports or deploying transit server, you can add the recorder to the app for remote management.

This function consumes the device traffic when the device is online.

Procedure:

1. Go to **Main Menu > NETWORK > P2P**.
2. Click the  icon to enable the P2P function.
After you enable the P2P function and connect to the Internet, the system collects information such as email address and MAC address for the remote access.

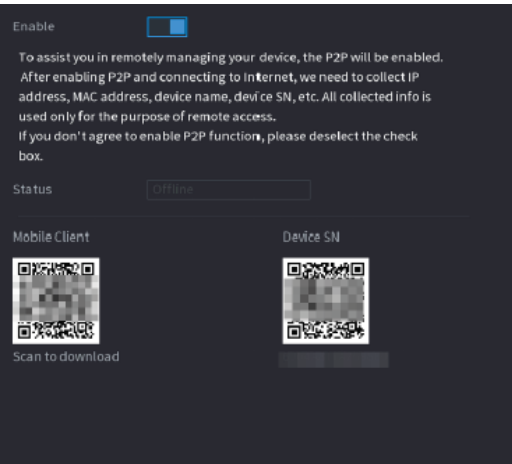


Figure 160: P2P

3. Click **Apply**.

The P2P function is enabled. You can use your phone to scan the QR code under **Mobile Client** to download and install the mobile client. After that, you can use the mobile client to scan the QR code under **Device SN** to add the recorder for remote management. For more information on the app operation, see the user's manual of the app.

You can manage the storage resources, such as record file and storage space for the easiness of usage and enhancement of the storage space.

22.1 - Basic configuration

Procedure:

1. Go to **Main Menu > STORAGE > Basic.**

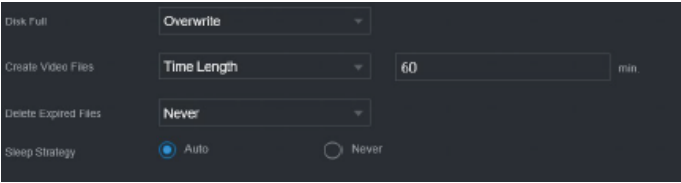


Figure 161: Basic storage

2. Configure parameters listed in the table below.

Table 52 - MyEye Video Recorder - Basic storage parameters	
Parameter	Description
Disk Full	Configure the storage strategy to be used when no more storage space is available • Stop - Stop recording • Overwrite - The newest files overwrite the oldest ones
Create Video Files	Configure the time length and file length for each recorded video.
Delete Expired Files	Configure whether to delete the old files. • Select Auto and configure how long you want to keep old files. • Select Never if you don't want to use this function. Note Deleted files can't be recovered.
Sleep Strategy	• Auto - The system sleeps automatically after idling for a period of time. • Never - The system keeps running all the time.

22.2 - Disk Manager

Go to **Main Menu > STORAGE > Disk Manager** to set HDD properties and format HDD.

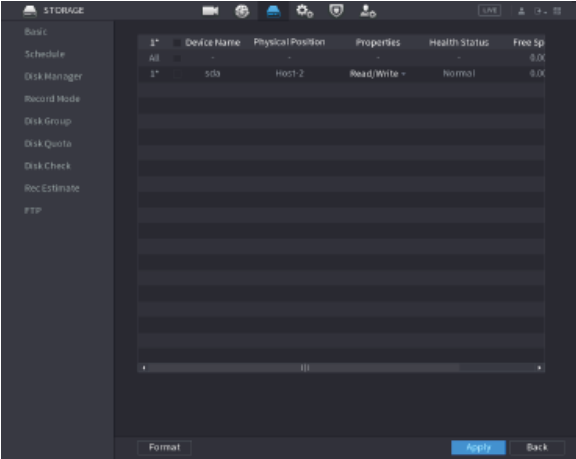


Figure 162: Disk manager

- View HDD information - You can view the physical position, properties, status and storage capacity of each HDD.
- Configure HDD properties - In the **Properties** column, you can set **Read/Wire**, **Read-only** and **Redundant HDD**.
Note
When there are two or more HDDs installed on the Device, you can set one HDD as redundant disk to back up recorded files.
- Format HDD - Select an HDD, click **Format**, and then follow the on-screen prompts to format the HDD.

Note
Formatting erases all data in the HDD, proceed with caution.
You can select whether to erase the HDD database. If the HDD database is erased, the AI search data and the uploaded audio files are deleted.

22.3 - Disk Group

By default, the installed HDD is in Disk Group 1. You can set HDD group, and HDD group setup for main stream, sub stream and snapshot.

Procedure:

1. Go to **Main Menu > STORAGE > Disk Group.**

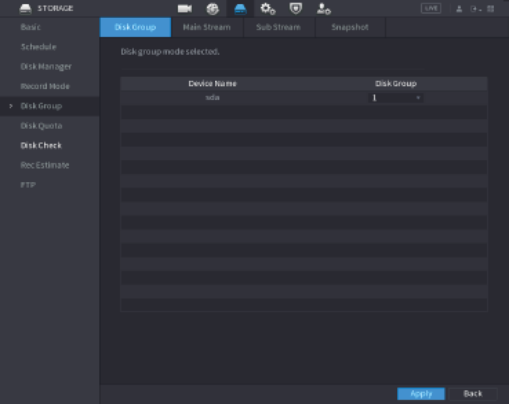


Figure 163: Disk group

2. Optionally: if **Disk Quota** is selected it's shown on the page, click **Switch to Disk Group Mode** and then follow the on-screen instructions to format disks.
3. Select the group for each HDD, and then click **Apply**.
After configuring HDD group, under the **Main Stream** tab, **Sub Stream** tab and **Snapshot** tab, configure settings to save the main stream, sub stream and snapshot to different disk groups.

22.4 - Disk Quota

You can allocate a certain storage capacity for each channel to manage the storage space properly.

Disk quota mode and **disk group mode** can't be selected at the same time.

Procedure:

1. Go to **Main Menu > STORAGE > Disk Quota.**

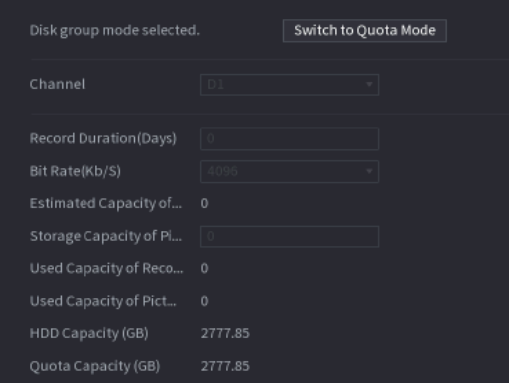


Figure 164: Disk Quota

2. Optionally: if **Disk Quota** is selected it's shown on the page, click **Switch to Disk Group Mode** and then follow the on-screen instructions to format disks.
3. Select a channel and set the record duration, bit rate and storage capacity of picture.
4. Click **Apply**.

22.5 - Disk Check

The system can detect HDD status so that you can clearly understand the HDD performance and replace the malfunctioning HDD.

22.5.1 - Manual Check

Procedure:

1. Go to **Main Menu > STORAGE > Disk Check > Manual Check.**
2. Select the detection type.
 - **Key area detect** - The system detects the used space of the HDD through the built-infile system. This type of detection is efficient.
 - **Global detection** - The system detects the entire HDD through Window. This type of detection takes time and might affect the HDD that is recording.
3. Select the HDD that you want to detect.
4. Click **Start Check**.
The system starts detecting the HDD and displays the detection information.
When system is detecting HDD, click **Stop Check** to stop current detection. Click **Start Check** to detect again.

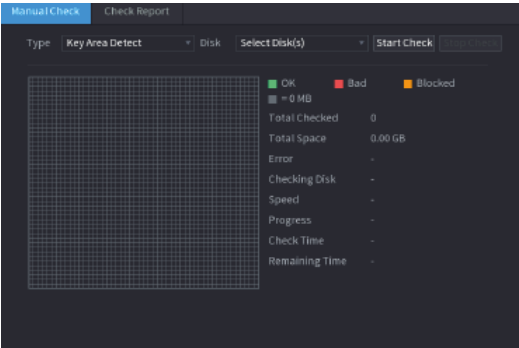


Figure 165: Manual check

22.5.2 - Detection Report

After the detection, you can view the detection report.

Procedure:

1. Go to **Main Menu > STORAGE > Disk Check > Check Report.**

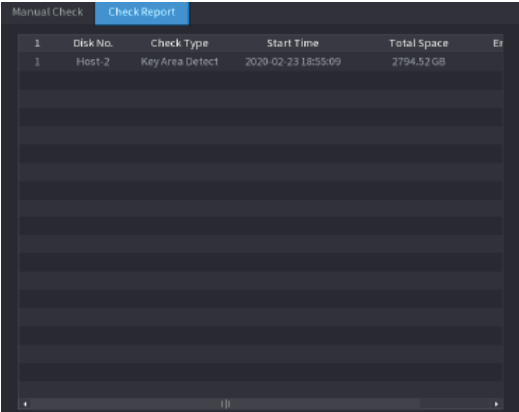


Figure 166: Check report

2. Click the  icon to view detection results and S.M.A.R.T report.

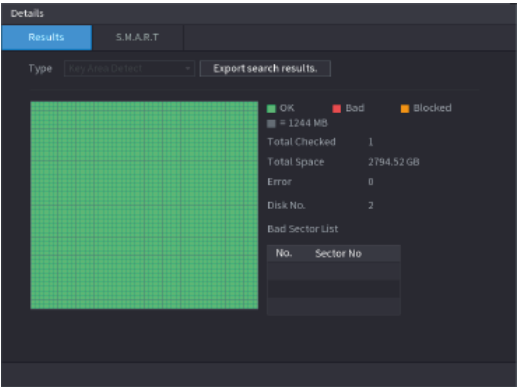


Figure 167: Results

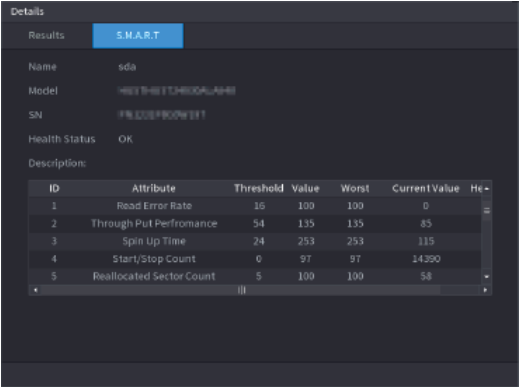


Figure 168: S.M.A.R.T

22.6 - Disk Health Monitoring

This function is only available for MyEye Video Recorder Lite.

Monitor health status of disks, and needed repairs are displayed to avoid data loss.

Procedure:

1. Go to **Main Menu > STORAGE > Disk Check > Health Monitoring.**
2. Click the  icon to show disk details page.
3. Select **Check Type**, set time period, and click **Search.**
The system shows the details of disk monitoring status.

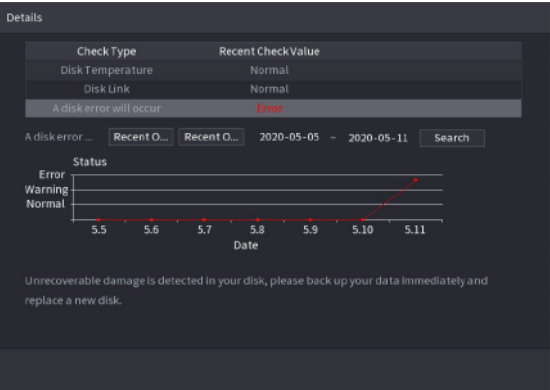


Figure 169: Disk details

22.7 - Record Estimate

Record estimate function can calculate how long you can record video according to the HDD capacity, and calculate the required HDD capacity according to the record period.

Procedure:

1. Go to **Main Menu > STORAGE > Rec Estimate.**

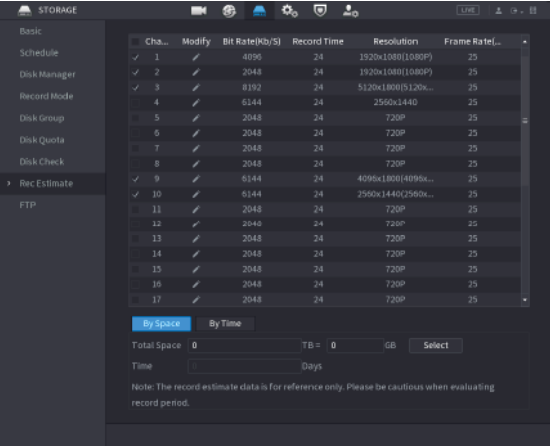


Figure 170: Record estimation

2. Click the  icon. You can configure the **Resolution**, **Frame Rate**, **Bit Rate** and **Record Time** for the selected channel.

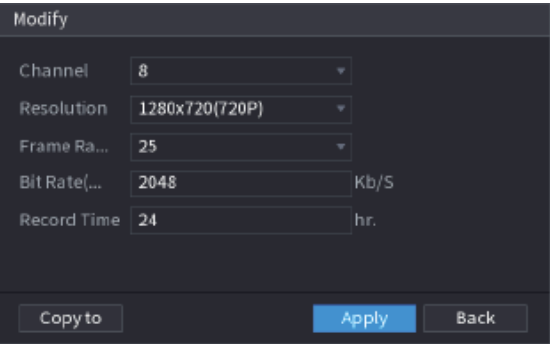


Figure 171: Modify channel settings

3. Click **Apply.**

Then the system calculates the time period that can be used for storage according to the channels settings and HDD capacity.

You can click **Copy to** to copy the settings to other channels.

22.7.1 - Calculating recording time

Procedure:

1. Go to **Main Menu > STORAGE > Rec Estimate** and click **By Space** tab.

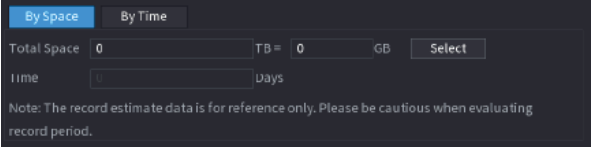


Figure 172: By space tab

2. Click **Select**.
3. Tick the checkbox of the HDD that you want to calculate.

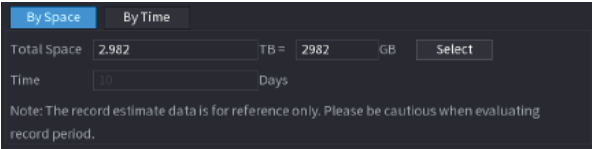


Figure 173: Recording time

22.7.2 - Calculating HDD capacity for storage

Procedure:

1. Go to **Main Menu > STORAGE > Rec Estimate** and click **By Time** tab.

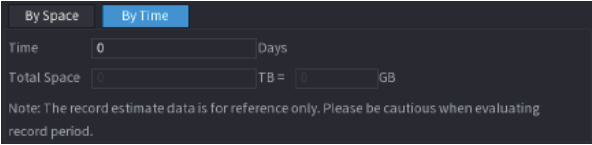


Figure 174: By time tab

2. In the **Time** box, enter the time period that you want to record.
In the **Total Space** box, the required HDD capacity is displayed.

22.8 - FTP

You can store and view the recorded videos and snapshots on the FTP server.

To use this function you need to purchase or download a File Transfer Protocol (FTP) server and install it on your PC.

For the created FTP user, you need to set the write permission; otherwise the upload of recorded videos and snapshots fails.

Procedure:

1. Go to **Main Menu > STORAGE > FTP**.

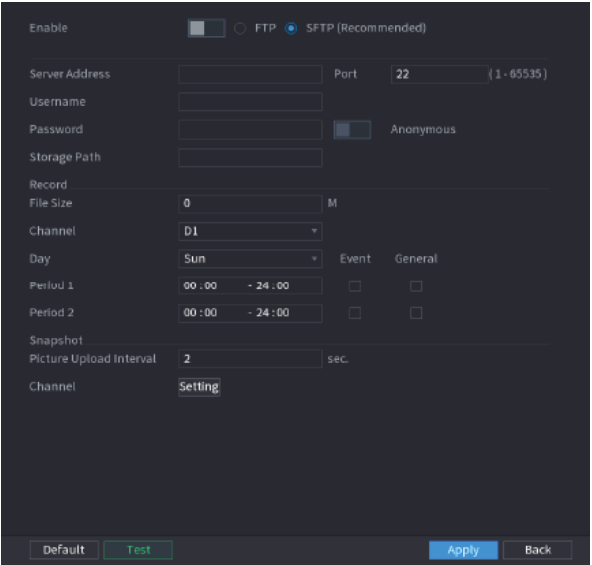


Figure 175: FTP

2. Configure parameters listed in the table below.

Table 53 - MyEye Video Recorder - FTP parameters	
Parameter	Description
Enable	Enable the FTP upload function
FTP type	Select FTP type: • FTP - Plaintext transmission • SFTP - Encrypted transmission (recommended)
Server Address	IP address of FTP server
Port	Enter the port of the FTP server: • FTP - The default is 21 • SFTP - The default is 22
Username	Enter the username and password to log in to the FTP server. If you enable the anonymity function, you can log in anonymously without entering the username and password.
Password	
Anonymous	
Storage Path	Create folder on FTP server. • If you don't enter the name of remote directory, the system creates the folders automatically according to the IP and time. • If you enter the name of remote directory, the system creates the folder with the entered name under the FTP root directory first, and then creates the folders automatically according to the IP and time.
File Size	Enter the length of the uploaded recorded video. • If the entered length is less than the recorded video length, only a part of the recorded video can be uploaded. • If the entered length is more than the recorded video length, the whole recorded video can be uploaded. • If the entered length is 0, the whole recorded video is uploaded.
Picture Upload Interval	• If the interval is longer than snapshot interval, the system takes the recent snapshot to upload. For example, the interval is 5 seconds, and snapshot interval is 2 seconds per snapshot, the system uploads the recent snapshot every 5 seconds. • If the interval is shorter than snapshot interval, the system uploads the snapshot per the snapshot interval. For example, the interval is 5 seconds, and snapshot interval is 10 seconds per snapshot, the system uploads the snapshot every 10 seconds. • To configure the snapshot interval, go to Main Menu > CAMERA > Encode > Snapshot.
Channel	Select the channel that you want to apply the FTP settings to
Day	Select the week day and set the time period that you want to upload the recorded files. You can set two periods for each week day.
Period 1, Period 2	
Record type	Select the record type: Alarm , Intel , MD , or General you want to upload. The selected record type is uploaded during the configured time period.

3. Click Test to validate the FTP connection.
If FTP connection failed, check the network and FTP settings.
4. Click **Apply**.

23 ACCOUNT

You can manage users, user group and ONVIF user, and set admin security questions.

23.1 - Group

The accounts of the Device adopt two-level management mode: user and user group. Every user must belong to a group, and one user only belongs to one group. The admin and user group are two default user groups that cannot be deleted. You can add more groups and define corresponding permissions.

Procedure:

- Go to **Main Menu > ACCOUNT > Group**.

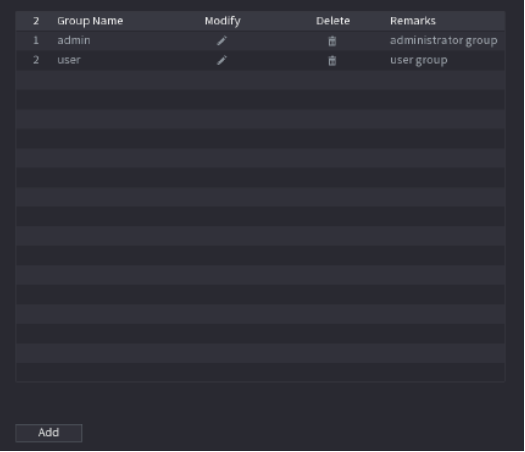


Figure 176: Group

- Click **Add**.
- Enter group name and some remarks if needed.

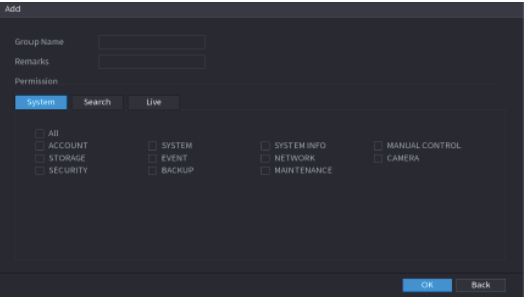


Figure 177: Adding groups

- Tick the checkboxes to select permissions.
- Click **OK**.

Note

Click the  icon to modify the corresponding group information. Click the  icon to delete the group.

23.2 - Adding user

Procedure:

- Go to **Main Menu > ACCOUNT > User**.
- Click **Add**.

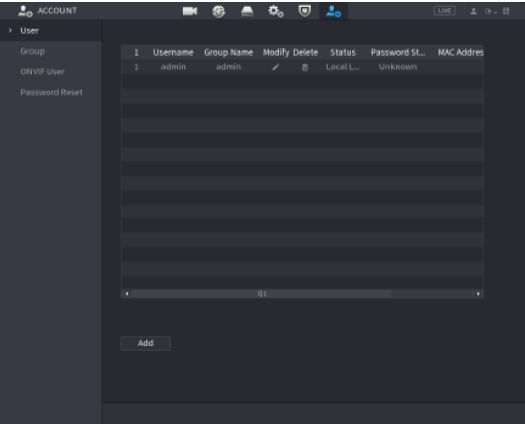


Figure 178: Users

- Configure parameters listed in the table below.

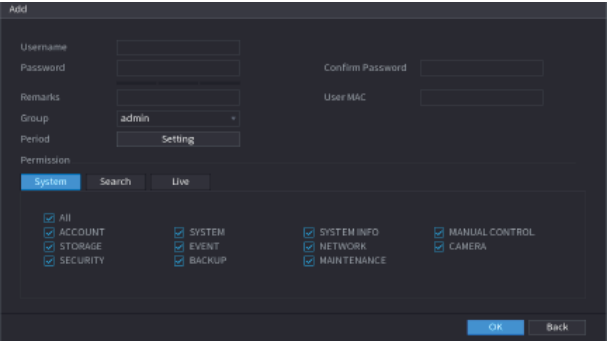


Figure 179: Adding users

- Click **OK**.

Table 54 - MyEye Video Recorder - Parameters of adding user

Parameter	Description
Username	Enter a username and password for the account
Password	
Confirm Password	Enter the password again to confirm it
Remarks	Optional: enter a description of the account
User MAC	Enter user MAC address
Group	Select a group for the account. The user rights must be within the group permissions.
Period	Click Setting to define a period during which the new account can log into the recorder. The new account can't access the recorder at other time.
Permission	Tick the checkboxes to grant permissions to the user. Note To manage the user account easily, when defining the user account permission, don't give the authority to the common user account higher than the advanced user account.

Note

Click the  icon to modify the corresponding user information. Click the  icon to delete the user.

23.3 - Changing password

We recommend you change the password regularly to enhance device security.

Note

Users with account permissions can change the password of other users.

Procedure:

- Go to **Main Menu > ACCOUNT > User**.
- Click the  icon of the corresponding user.
- Click the  icon to enable the **Modify Password** function.

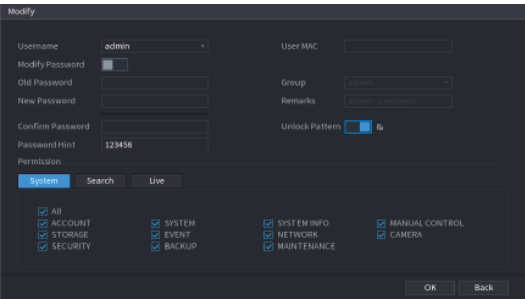


Figure 180: Changing password

- Enter old password and then enter new password twice.

Notes

- The password must consist of 8–32 non-blank characters and contain at least two types of the following characters: uppercase, lowercase, numbers, and specialcharacters (excluding ' ' ; : &).
- For your device security, create a strong password.

- Click the  icon to enable the **Unlock Pattern** function and click the  icon to draw the pattern.
- Click **OK**.

23.4 - Resetting password

You can reset the password when you forget it.

23.4.1 - Enabling password reset

Enable the password reset function and configure the linked email address and security questions that are used to reset the password.

Procedure:

- Go to **Main Menu > ACCOUNT > Password Reset**.
- The **Password Reset** function is enabled by default. Optionally: if previously disabled, click the  icon to enable the **Password Reset** function.
- Enter an email address to receive the security code used to reset the password.
- Configure security questions and answers.
- Click **OK**.

23.4.2 - Resetting password on local page

Procedure:

- Right-click the live page and then select any item on the shortcut menu.
 - If you have configured unlock pattern, the unlock pattern login window is displayed. Click **Forgot Pattern** to switch to password login.
 - If you haven't configured unlock pattern, the password login window is displayed.

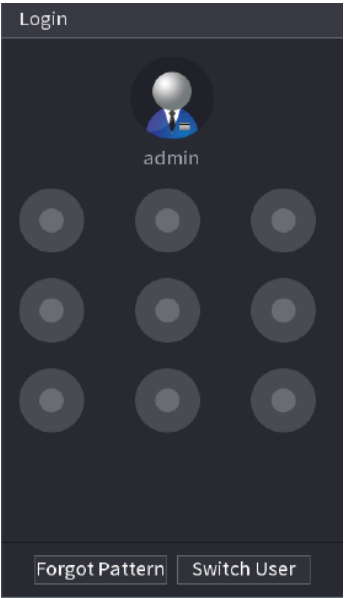


Figure 181: Pattern login

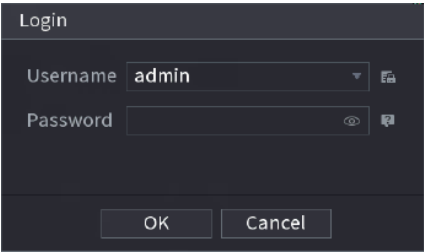


Figure 182: Password login

- Click the  icon.
 - If you have set the linked email address, the system notifies you of data collection required for resetting password. Click **OK**.
 - If you haven't set the linked email address, the system prompts you to enter an email address. Enter the email address and then click **Next**. Then the system notifies you of data collection required for resetting password.

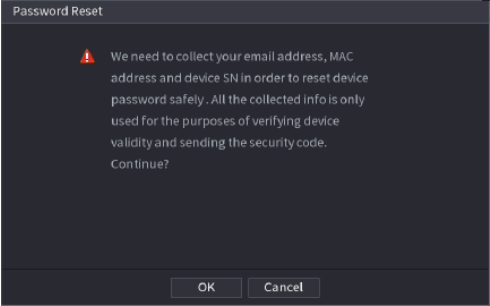


Figure 183: Notification on data collection

- Read the prompt carefully and then click **OK**.

- Click **Next**.

Note

After clicking **Next**, the system collects your information for password reset, purpose and the information includes but not limited to email address, MAC address, and device serial number.

- Reset the password by one of the following methods:
 - Email** - Select **Email** as the reset mode, and follow the on-screen instructions to get the security code in your linked email address. After that, enter the security code in the **Security Code** box.
 - Security question** - Select **Security Question** as reset mode and then answer the security questions.If you haven't configured the security questions in advance, **Security Question** isn't available on the **Reset Mode** list.
- Click **Next**.
- Enter the new password and then enter the password again to confirm it.

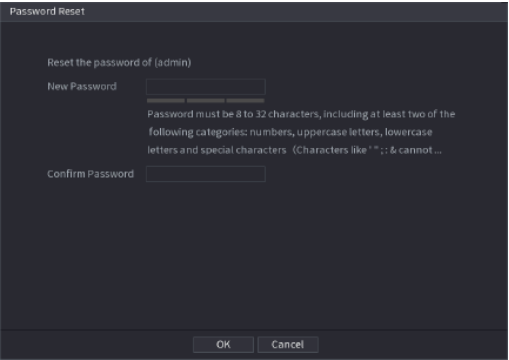


Figure 184: Entering new password

- Click **OK**.
The password is reset.
- Optionally: when the system prompts whether to synchronize the password with the remote devices accessed through the private protocol, click **OK** to synchronize the password.

23.5 - ONVIF User

To connect the camera from the third party to the recorder using the ONVIF protocol, you need to have a verified ONVIF account.

The default ONVIF user is **admin**. It's created after you initialize the recorder and can't be deleted.

Procedure:

- Go to **Main Menu > ACCOUNT > ONVIF User**.

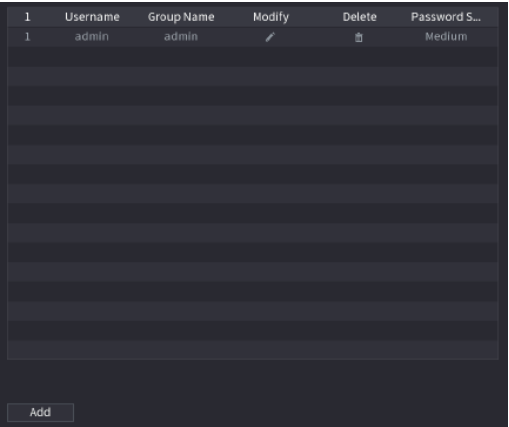


Figure 185: ONVIF user

- Click **Add**.

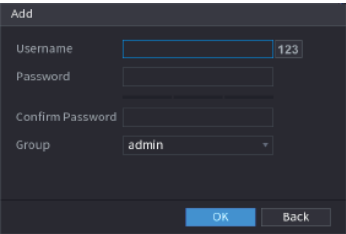


Figure 186: Adding ONVIF user

- Configure username, password and user group.
- Click **OK**.

Note

Click the  icon to modify the corresponding user information. Click the  icon to delete the current user.

24.1 - Security Status

Security scanning helps get a whole picture of device security status. You can scan user, service and security module status for detailed information on the security status of the device.

Detecting user and service

Green icon represents a healthy status of the scanned item, and orange icon represents a risky status.

- **Login authentication** - When there's a risk in the device configuration, the icon is orange to warn about the risk. You can click **Details** to see the detailed risk description.
- **User Status** - When one of device users or ONVIF users uses weak password, the icon is orange to warn about the risk. You can click **Details** to optimize or ignore the risk warning.

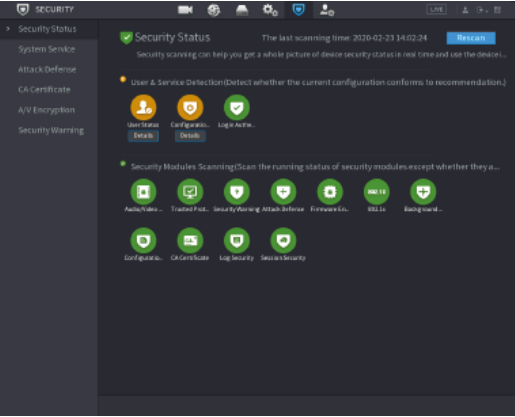


Figure 187: Security status

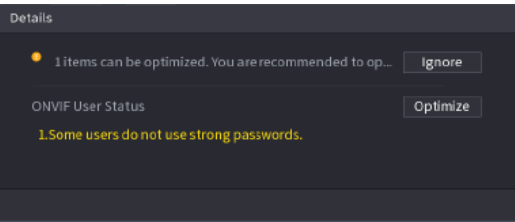


Figure 188: Details 1

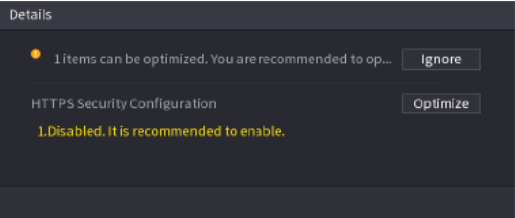


Figure 189: Details 2

User & Service Detection

Green icon represents a healthy status of the scanned item, and orange icon represents a risky status.

- **Login authentication** - When there's a risk in the device configuration, the icon is orange to warn about the risk. You can click **Details** to see the detailed risk description.
- **User Status** - When one of device users or ONVIF users uses weak password, the icon is orange to warn about the risk. You can click **Details** to optimize or ignore the risk warning.
- **Configuration Security** - When there's a risk in the device configuration, the icon is orange to warn about the risk. You can click **Details** to see the detailed risk description.

Security Modules Scanning

This area shows the running status of security modules. For details about the security modules, point to the icon to see the on-screen instructions.

You can click **Rescan** to scan security status.

24.2 - System Service

24.2.1 - Basic Services

Procedure:

1. Go to **Main Menu > SECURITY > System Service > Basic Services**.

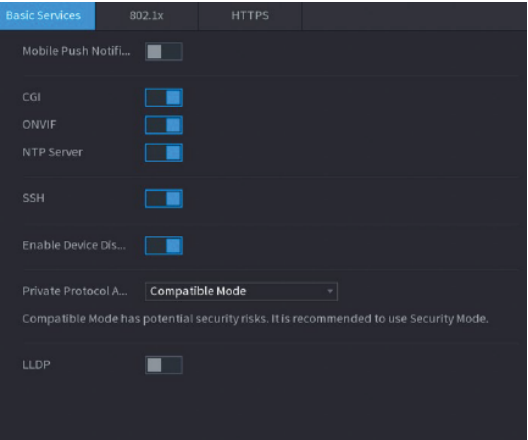


Figure 190: Basic services

2. Enable the system services listed in the table below by clicking the  icon.

Note

There might be a safety risk when **Mobile Push Notifications**, **CGI**, **ONVIF**, **SSH** and **NTP Server** are enabled. Disable these functions when they aren't needed.

Table 55 - MyEye Video Recorder - Basic service parameters	
Parameter	Description
Mobile Push Notifications	After enabling this function, the alarm triggered by the recorder can be pushed to a mobile phone. This function is enabled by default.
CGI	If this function is enabled, the remote devices can be added through the CGI protocol. This function is enabled by default.
ONVIF	If this function is enabled, the remote devices can be added through the ONVIF protocol. This function is enabled by default.
NTP Server	After enabling this function, a NTP server can be used for time synchronization. This function is enabled by default.
SSH	After enabling this function, you can use SSH service. This function is disabled by default.
Enable Device Discovery	After enabling this function, the recorder can be found by other devices through searching.
Private Protocol Authentication Mode	• Security Mode (Recommended) - Uses Digest access authentication when connecting to the recorder • Compatible Mode - Select this mode when the client does not support Digest access authentication.
LLDP	Enable the LLDP service. The Link Layer Discovery Protocol (LLDP) enables two different devices to collect hardware and protocol information about neighboring devices, which is useful in troubleshooting the network.

24.2.2 - 802.1x

The recorder needs to pass 802.1x certification to enter the LAN.

Procedure:

1. Go to **Main Menu > SECURITY > System Service > 802.1x**.
2. Select the Ethernet card you want to certify.
3. Enable by clicking the  icon and configure the parameters listed in the table below.

Table 56 - MyEye Video Recorder - Basic service parameters	
Parameter	Description
Authentication	• PEAP - protected EAP protocol. • Transport Layer Security (TLS) - Provide privacy and data integrity between two communications application programs.
CA Certificate	Enable it and click Browse to import CA certificate from a flash drive. For more information on importing and creating a certificate, see 24.4 - CA Certificate
Username	The username needs to be authorized at server.
Password	Password of the corresponding username.

4. Click **Apply**.

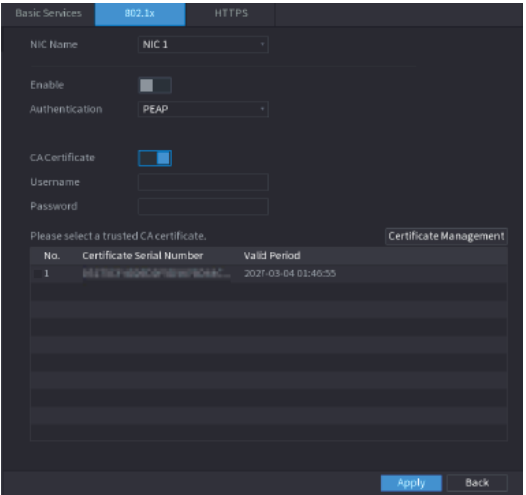


Figure 191: 802.1x

24.2.3 - HTTPS

We recommend you enable HTTPS function to enhance system security.

Procedure:

1. Go to **Main Menu > SECURITY > System Service > HTTPS**.
2. Enable the HTTPS function by clicking the  icon.

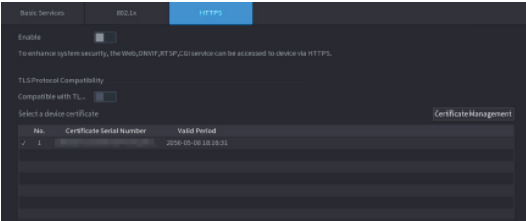


Figure 192: HTTPS

3. Optionally: enable **Compatible with TLSv1.1 and earlier versions** for the protocol compatibility.
4. Click **Certificate Management** to create or import a HTTPS certificate from USB drive. For more information on importing and creating a certificate, see [24.4 - CA Certificate](#)
5. Select a **HTTPS** certificate.
6. Click **Apply**.

24.3 - Attack Defense

24.3.1 - Firewall

You can configure the hosts that are allowed or prohibited to access the recorder.

Procedure:

1. Go to **Main Menu > SECURITY > Attack Defense > Firewall**.
2. Clicking the  icon to enable the firewall.

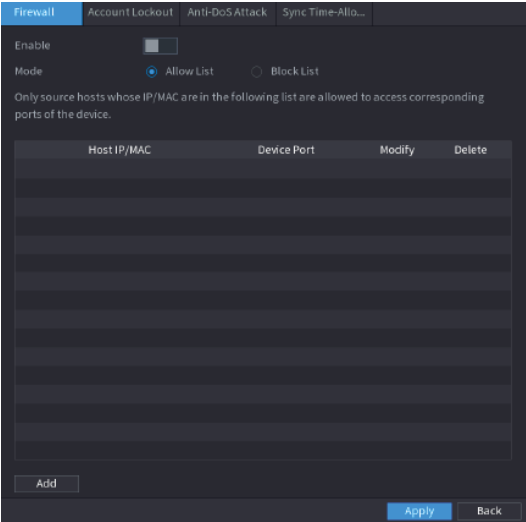


Figure 193: Firewall

3. Select a firewall mode:
 - **Allow List** -The hosts on the allow-list can access the recorder.
 - **Block List** - The hosts on the block-list are prohibited to access the recorder.
4. Click **Add** to select the following types for the allowlist or blocklist:
 - **IP address** - Enter the IP address, start port and end port, and then click **OK**.
 - **IP segment** - Enter the start address and end address, starting port and ending port, and then click **OK**.
 - **MAC address** - Enter the MAC address, and then click **OK**.
5. Click **Apply**.

24.3.2 - Account Lockout

Procedure:

1. Go to **Main Menu > SECURITY > Attack Defense > Account Lockout**.

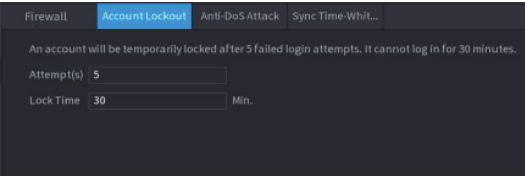


Figure 194: Account lockout

2. Set parameters listed in the table below.

Table 57 - MyEye Video Recorder - Account lockout parameters	
Parameter	Description
Attempt(s)	Set the maximum number of allowable wrong password entries. The account is locked after your entries exceed the maximum number.
Lock Time	Set how long the account is locked for.

3. Click **Apply**.

24.3.3 - Anti-DoS Attack

You can enable **SYN Flood Attack Defense** and **ICMP Flood Attack Defense** to protect the recorder against Dos attack.

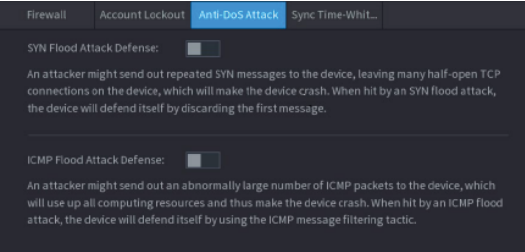


Figure 195: Anti-Dos Attack

24.3.4 - Sync Time-Allowlist

You can set which hosts are allowed to synchronize time with the recorder.

Procedure:

1. Go to **Main Menu > SECURITY > Attack Defense > Sync Time-Allowlist**.
2. Click the  icon to enable the function.
3. Click **Add** to add trusted hosts for time synchronization.
 - If you set **Type** to **IP Address**, enter the IP address, and then click **OK**.
 - If you set **Type** to **IP Segment**, enter the start address and end address, and then click **OK**.
4. Click **Apply**.

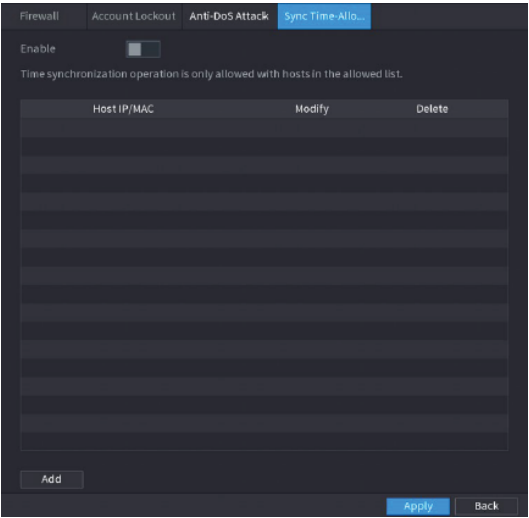


Figure 196: Sync Time-Allowlist

24.4 - CA Certificate

24.4.1 - Device Certificate

Procedure of creating, applying and importing a certificate:

- Go to **Main Menu > SECURITY > CA Certificate > Device Certificate**.

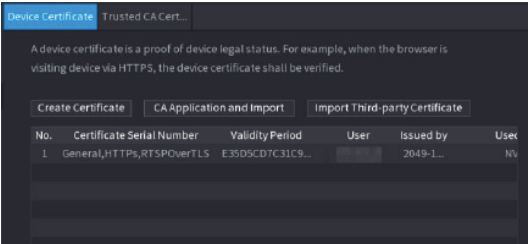


Figure 197: Device certificate

- Click **Create Certificate**.

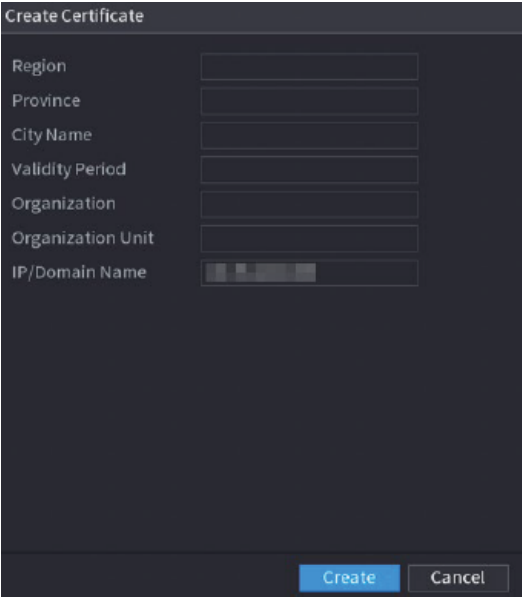


Figure 198: Create certificate

- Configure the parameters.
- Click **Create**.
- Click **CA Application and Import** and then follow the on-screen instructions to finish CA application and import.

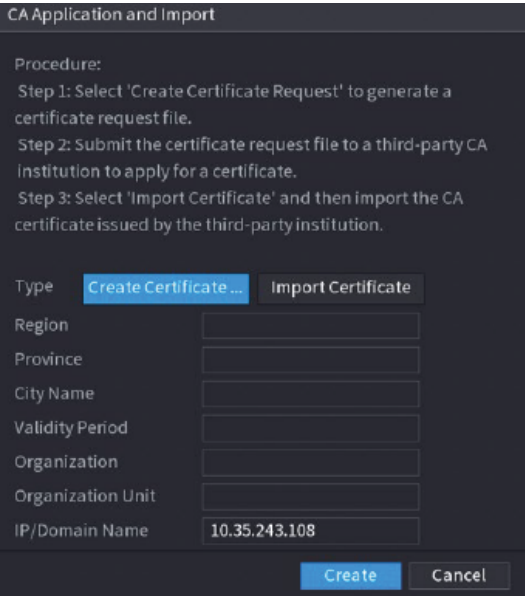


Figure 199: CA application and import

Procedure of importing a third-party certificate:

- Go to **Main Menu > SECURITY > CA Certificate > Device Certificate**.
- Click **Import Third-Party Certificate**
- Configure the parameters listed in the table below.

Table 58 - MyEye Video Recorder - Parameters for importing third-party certificate	
Parameter	Description
Path	Click Browse to find the third-party certificate path on the USB drive.
Private Key	Click Browse to find the third-party certificate private key on the USB drive.
Private Key Password	Input the private key password.

- Click **Create**.

24.4.2 - Trusted CA Certificate

Procedure:

- Go to **Main Menu > SECURITY > CA Certificate > Trusted CA Certificate**.
- Click **Install Trusted Certificate**.

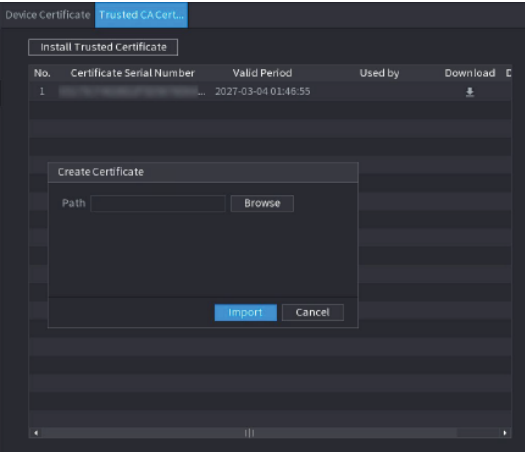


Figure 200: Create certificate

- Click **Browse** to select the certificate that you want to install.
- Click **Import**.

24.5 - Audio and video encryption

The recorder supports audio and video encryption during data transmission.

Procedure:

1. Go to **Main Menu > SECURITY > A/V ENCRYPTION > Audio/Video Transmission.**

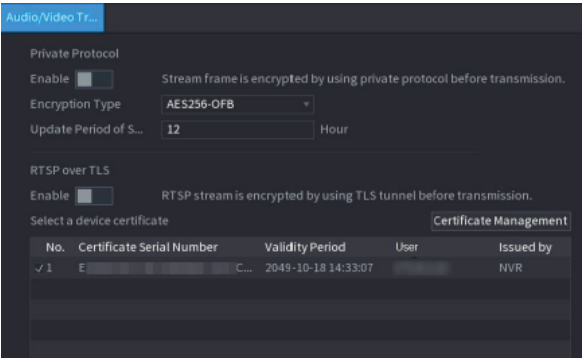


Figure 201: Audio and video transmission

2. Configure the parameters listed in the table below.

Table 59 - MyEye Video Recorder - Audio and video transmission parameters		
Area	Parameter	Description
Private Protocol	Enable	Enables stream frame encryption by using private protocol. There can be safety risk if this service is disabled.
	Encryption Type	Use the default setting.
	Update Period of Secret Key	Secret key update period, value range: 0 – 720 hours. 0 means never update the secret key. Default value: 12 .
RTSP over TLS	Enable	Enables RTSP stream encryption by using TLS. There can be safety risk if this service is disabled.
	Select a device certificate	Select a device certificate for RTSP over TLS.
	Certificate Management	For more information on certificate management, see 24.4.1 - Device Certificate

3. Click **Apply**.

24.6 - Security Warning

24.6.1 - Security Exception

The recorder gives warnings to the user when a security exception occurs.

Procedure:

1. Go to **Main Menu > SECURITY > Security Warning > Security Exception.**
2. Click the  icon to enable the function.
3. Optionally: click the  icon to view the list of security exception events.
4. Configure alarm linkage actions.
5. Click **Apply**.

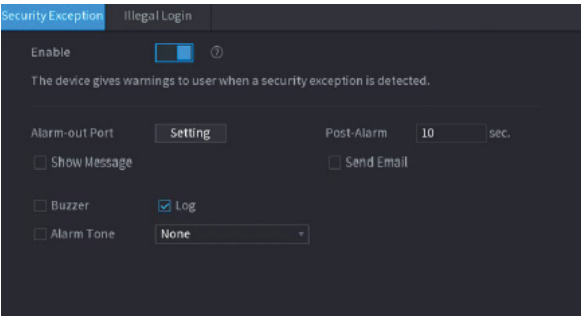


Figure 202: Security exception

24.6.2 - Illegal Login

Procedure:

1. Go to **Main Menu > SECURITY > Security Warning > Illegal Login.**

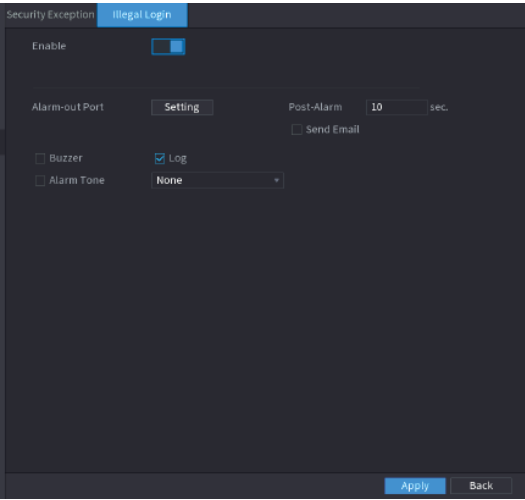


Figure 203: Illegal login

2. Click the  icon to enable the function.
3. Configure alarm linkage actions.
4. Click **Apply**.

25.1 - Basic

You can set device basic information such as device name, and serial number.

Procedure:

- Go to **Main Menu > SYSTEM > General > Basic**.

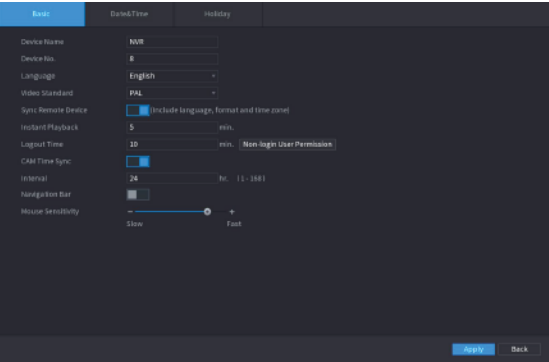


Figure 204: Basic settings

- Configure the parameters listed in the table below.

Table 60 - MyEye Video Recorder - Basic system parameters	
Parameter	Description
Device Name	Enter the recorder name.
Device No.	Enter a number for the recorder.
Language	Select a language for the recorder system.
Video Standard	Select PAL or NTSC as needed.
Sync Remote Device	Enable for the recorder to synchronize information on language, video standard or time zone with a remote device.
Instant Playback	In the Instant Play box, enter the time length for playing back a recorded video. The value ranges from 5 to 60. On the live view control bar, click the instant playback button to play back the recorded video within the configured time.
Logout Time	Enter the standby time for the recorder. The recorder logs out automatically when it is't working for the configured period. You need to log in the recorder again. The value ranges from 0 to 60. 0 indicates there is not standby time for the recorder. By clicking Monitor Channel(s) when logout you can select the channels that you want to continue monitoring when you logged out.
CAM Time Sync	Syncs the recorder time with IP camera.
Interval	Enter the interval for time sync.
Logout Time	You can set auto logout interval once login user remains inactive for a specified time. Value ranges from 0 to 60 minutes.
Navigation Bar	Enable the navigation bar. When you click on the live view screen, the navigation bar is displayed.
Mouse Sensitivity	Adjust the speed of double-click by moving the slider -the bigger the value, the faster the speed.

- Click **Apply** button to save settings.

25.2 - Date and Time

You can set the recorder time. You can enable the Network Time Protocol (NTP) function so that the recorder can sync time with the NTP server. You can also configure date and time settings by manual selecting.

Procedure:

- Go to **Main Menu > SYSTEM > General > Date&Time**.

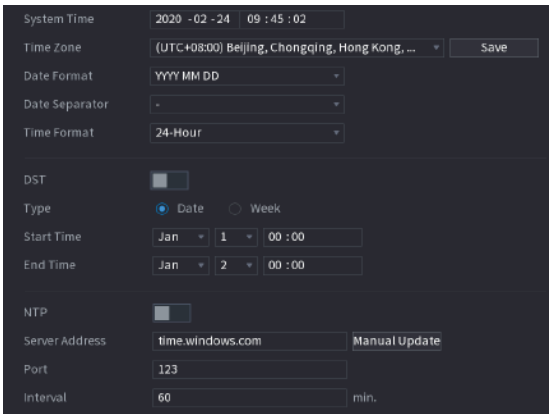


Figure 205: Date and time

- Configure the settings for date and time parameters listed in the table below.

Table 61 - MyEye Video Recorder - Data and time parameters	
Parameter	Description
System Time	In the System Time box, click the time zone list to select a time zone for the system. The time adjusts automatically. Don't change the system time randomly; otherwise the recorded video can't be searched. It's recommended to avoid the recording period or stop recording first before you change the system time.
Time Zone	In the Time Zone list, select a time zone for the system.
Date Format	In the Date Format list, select a date format for the system.
Date Separator	In the Date Separator list, select a separator style for the date.
Time Format	In the Time Format list, select 12-HOUR or 24-HOUR for the time display style.
DST	Enable the Daylight Saving Time (DST) function. Click Week or Date .
Start Time	Configure the start time and end time for the DST.
End Time	
NTP	Enable the NTP function to sync the recorder time with the NTP server. If NTP is enabled, device time is automatically synchronized with the NTP server.
Server Address	In the Server Address box, enter the IP address or domain name of the corresponding NTP server. Click Manual Update , the recorder starts synchronization with the server immediately.
Port	The system supports TCP protocol only and the default setting is 123 .
Interval	In the Interval box, enter the time that you want the recorder to synchronize time with the NTP server. The value ranges from 0 to 65535.

- Click **Next** to save settings.

25.3 - Holiday

Here you can add, edit, and delete holiday. After you set successfully holiday information, you can view holiday item on the record and snapshot period.

Procedure:

- Go to **Main Menu > SYSTEM > General > Holiday**.
- Click **Next**.
- Click **Add**.

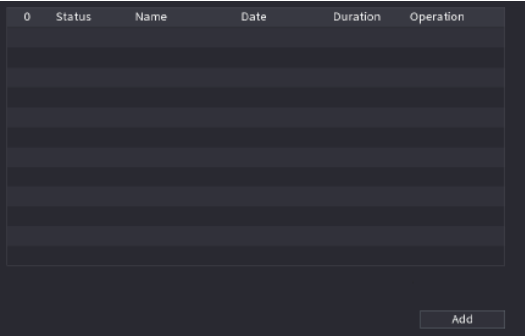


Figure 206: Holiday

- Set holiday **Name**, **Effective Mode** and **Period**.
- Optionally: click **Add More** to add new holiday information.
- Click **Add** to add current holiday to the list.

Note

- Click the drop-down list of the state to enable or disable holiday date.
- Click the  icon to change the holiday information. Click the  icon to delete the current date.
- Click **Next** to save settings.

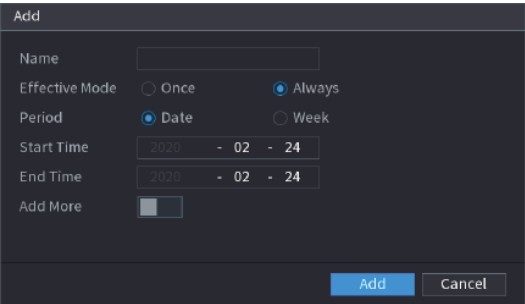


Figure 207: Adding holidays

26.1 - Display

You can configure the displaying time AND title, channel title, adjust image transparency, and select the resolution.

Procedure:

- Go to **Main Menu > DISPLAY > Display**.

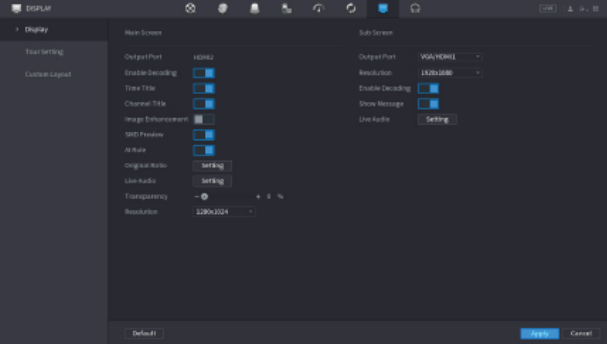


Figure 208: Display

- Configure the parameters listed in the table below.

Table 62 - MyEye Video Recorder - Display parameters	
Parameter	Description
Main Screen /Sub Screen	Configure the output port format of both screens. - When the sub screen is disabled, the format of the main screen isHDMI/VGA simultaneous output. - When the sub screen is enabled, the format of the main screen and subscreen are non-simultaneous outputs. When output port of the sub screen is set to HDMI, the output port of the main screen is set to VGA by the device. When output port of the sub screen is set to VGA, the output port of the main screen is set to HDMI by the device.
Enable Decoding	After it's enabled, the device can normally decode.
Time Title/Channel Title	Tick the checkbox for the date and time of the system to be displayed in the preview screen.
Transparency	Set the transparency of the local menu of the recorder. The higher the transparency, the more transparent the local menu.
Time Title/Channel Title	Tick the checkbox for the date and time of the system to be displayed in the preview screen.
Image Enhancement	Tick the checkbox to optimize the preview image edges.
SMD Preview	Tick the checkbox to display the SMD previews in the live view page.
AI Rule	Tick the checkbox to display the AI rules in the live view page.
Original Ratio	Click Setting and select the channel to restore the corresponding channel image to the original scale.
Live Audio	Configure audio input on live view. You can select Audio 1 , Audio 2 , and Mixing . For example, if you select Audio 1 for D1 channel, the sound of audio input port 1 of camera is playing. If you select Mixing , the sound of all audio input ports is playing.
Resolution	Supported: 1920 × 1080 1280 × 1024 - default 1280 × 720

- Click **Apply**.

26.2 - Tour

You can configure a tour of selected channels to repeat playing videos. The videos display in turn according to the channel group configured in tour settings. The system displays one channel group for a certain period and then automatically changes to the next channel group.

Procedure:

- Go to **Main Menu > DISPLAY > Tour Setting > Main Screen**.

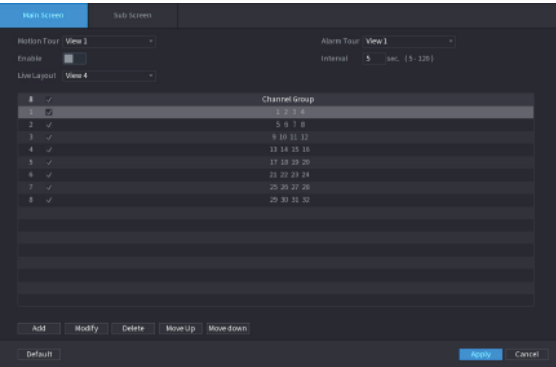


Figure 209: Tour

- Configure the tour parameters listed in the table below.

Table 63 - MyEye Video Recorder - Tour parameters	
Parameter	Description
Enable Tour	Enable tour function.
Interval	Set the time that you want each channel group displays on the screen. The value ranges from 5 to 120 seconds. The default value is 5 seconds.
Motion Tour, Alarm Tour	Select the View 1 or View 8 for Motion Tour and Alarm Tour (system alarm events).
Live Layout	In the Live Layout list , select View 1 , View 4 , View 8 , or other modes supported by the recorder.
Channel Group	Display all channel groups under the current Window Split setting. - Adding a channel group - Click Add, in the pop-up Add Group channel, select the channels to form a group and click Save. - Deleting a channel group - Tick the checkbox of a chosen channel group and click Delete. - Editing a channel group - Tick the checkbox of any channel group and then click Modify, or double-click on the group. The Modify Channel Group dialog box is displayed. You can regroup the channels. - Click Move up or Move down to adjust the position of channel group.

- Click **Apply** to save the settings.

- On the top right of the live view screen, use the left mouse button or press **Shift** to switch between images or to turn on/off the tour function. The  icon means image switching is allowed. The  icon means image switching isn't allowed.
- On the navigation bar, click the  icon to enable the tour and click the  icon to disable it.

27.1 - File Management

You can configure the displaying time AND title, channel title, adjust image transparency, and select the resolution.

Procedure:

- Go to **Main Menu > AUDIO > File Management**.

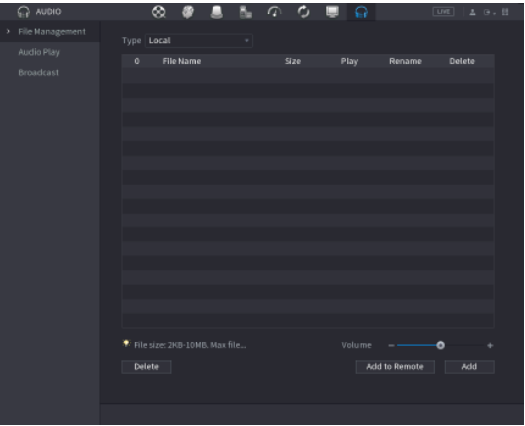


Figure 210: File management

- Click **Add**.

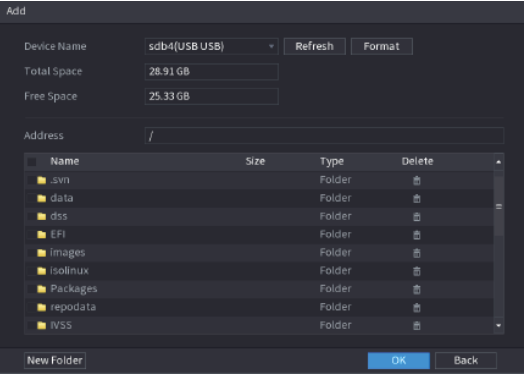


Figure 211: Adding files

- Select the audio file and then click **Import**.
System supports MP3 and PCM audio format.
- Click **OK** to start importing audio files from the USB storage device.
After the successful import, the audio files are displayed on the **File Management** page.

27.2 - Audio Play

You can configure the settings to play the audio files during the defined time period.

Procedure:

- Go to **Main Menu > AUDIO > Schedule**.

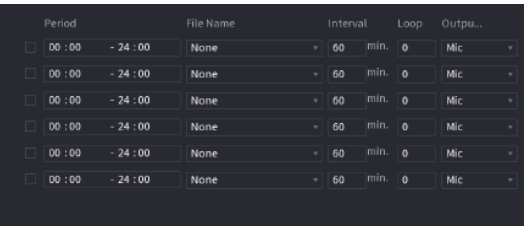


Figure 212: Schedule

- Configure the tour parameters listed in the table below.

Table 64 - MyEye Video Recorder - Schedule parameters	
Parameter	Description
Period	In the Period box, enter the time. Tick the checkbox to enable the settings. You can configure up to six periods.
File Name	In the File Name list, select the audio file that you want to play for this configured period.
Interval	In the Interval box, enter the time in minutes to configure how often the playing is to be repeated.
Loop	Configure how many times you want to repeat the playing in the defined period.
Output	Includes MIC (by default) and Audio. The MIC function shares the same port with the talkback function, which has the priority.

- Click **Apply** to save the settings.
- The finish time for audio playing depends on audio file size and the configured interval.
 - Playing priority: **Alarm event > Audio talk > Trial listening > Schedule audio file**.

28.1 - Log

You can view and search for the log information, or back up log to the USB device.

Procedure:

- 1. Go to **Main Menu > MAINTAIN > Log**.

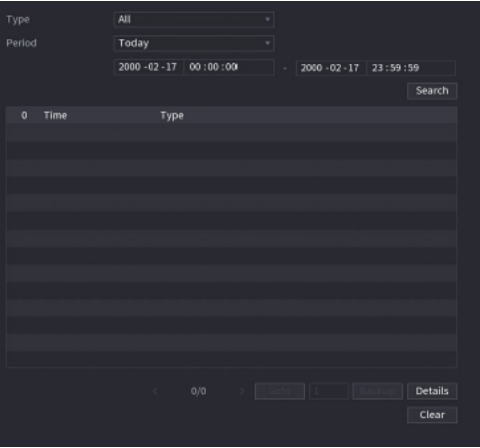


Figure 213: Log

- 2. In the **Type** box, select the log type that you want to view (**System, Config, Storage, Record, Account, Clear Log, Playback**, or **Connection**) or select **All** to view all logs.
- 3. Enter the time **Period** and click **Search**.
The search results are displayed.

Related Operations

- Click **Details** or double-click the log to view details. Click Next or Previous to view more log information.
- Click **Backup** to back up the logs to the USB storage device.
- Click **Clear** to remove all logs.

28.2 - System

- To view the recorder **system version** go to **Main Menu > MAINTAIN > System Info > Version**.
- To view **version** information **for AI functions** such as face detection, face recognition, IVS, and video metadata go to **Main Menu > MAINTAIN > System Info > > Disk**.

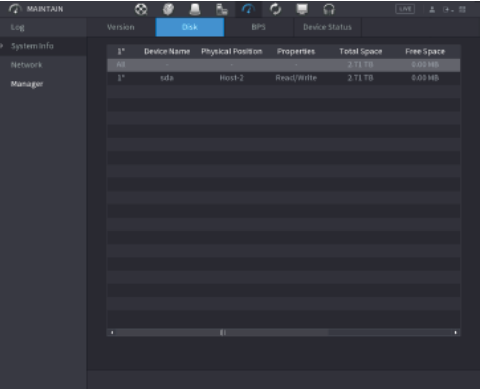


Figure 214: Disk information

Table 65 - MyEye Video Recorder - Disk information	
Parameter	Description
No.	Indicates the number of the currently connected HDD. The asterisk (*) means the current working HDD.
Device Name	Indicates name of HDD
Physical Position	Indicates installation position of HDD
Properties	Indicates HDD type
Total Space	Indicates the total capacity of HDD
Free Space	Indicates the usable capacity of HDD
Health Status	Indicates the health status of the HDD
S.M.A.R.T	View the S.M.A.R.T reports from HDD detecting
Status	Indicates the status of the HDD to show if it's working normally.

- To view current video bit rate (kb/s) and resolution go to **Main Menu > MAINTAIN > System Info > BPS**.

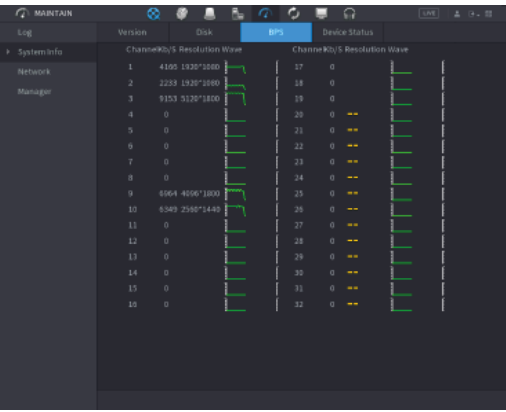


Figure 215: BPS

28.3 - Network

28.3.1 - Online User

To manage online users go to **Main Menu > MAINTAIN > Network > Online User**.

You can view the online user information or block any user for a period of time. To block an online user, click the  icon and then enter the time that you want to block this user. The maximum value you can set is 65535.

The system detects every 5 seconds to check whether there is any user added or deleted, and update the user list timely.

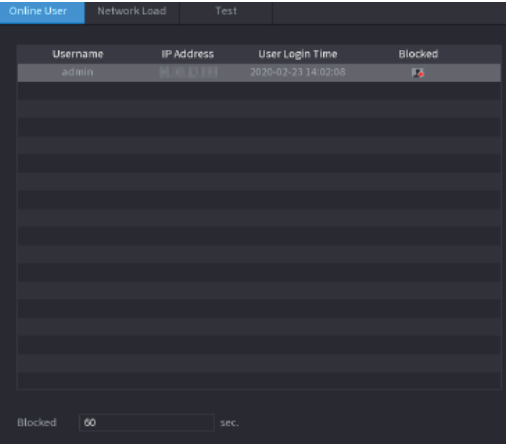


Figure 216: Online user

28.3.2 - Network Load

Network load means the data flow which measures the transmission capability. You can view information such as data receiving speed and sending speed.

Procedure:

- 1. Go to **Main Menu > MAINTAIN > Network > Network Load**.

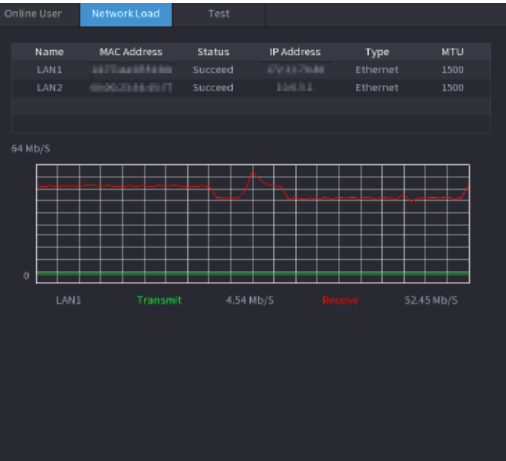


Figure 217: Network load

2. Click the LAN name that you want to view, for example, LAN1.
The system displays the information of data sending speed and receiving speed.
System displays LAN1 load by default. Only one LAN load can be displayed at one time.

28.3.3 - Network test

You can test the network connection status between the recorder and other devices.

Procedure:

1. Go to **Main Menu > MAINTAIN > Network > Test**.

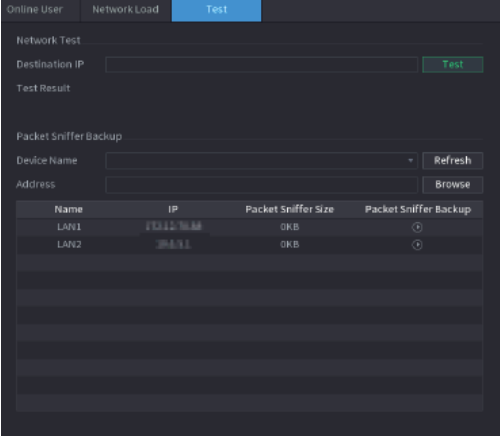


Figure 218: Test

2. In the **Destination IP** box, enter the IP address.
3. Click **Test**.
After testing is completed, the test result is displayed. You can check the evaluation for average delay, packet loss, and network status.

28.4 - Maintenance and management

28.4.1 - Device maintenance

When the recorder has been running for a long time, you can enable the recorder to restart automatically at the idle time. You can also enable emergency maintenance.

Procedure:

1. Go to **Main Menu > MAINTAIN > Manager > Maintenance**.

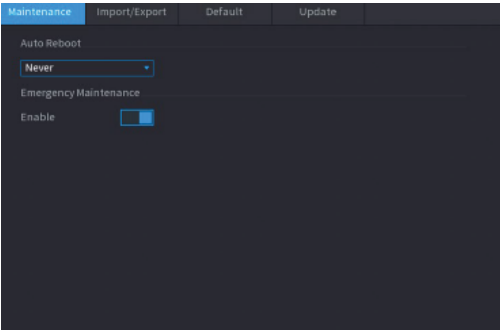


Figure 219: Maintenance

2. Configure the following parameters:
- **Auto Reboot** - Enable the recorder to restart at the idle time.
 - **Emergency Maintenance** - When the recorder has an update power outage, running error or some other problems so that you can't log in, then you can use the emergency maintenance function to restart the recorder, clear configuration or update the system.
3. Click **Apply**.

28.4.2 - Exporting system settings

You can export or import the recorder system settings if there are several recorders that require the same setup.

Notes

- The **Import/Export** tab can't be opened if the backup operation is ongoing on the other pages.
- When you open the **Import/Export** tab, the system refreshes the devices and sets the current directory as the first root directory.
- Click **Format** to format the USB storage device.

Procedure:

1. Go to **Main Menu > MAINTAIN > Manager > Import/Export**.

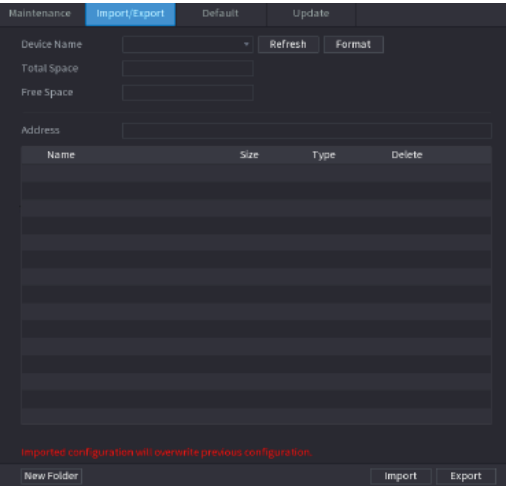


Figure 220: Import and export

2. Insert a USB storage device into one of the USB ports of the recorder.
3. Click **Refresh** to refresh the page.
The connected USB storage device is displayed.

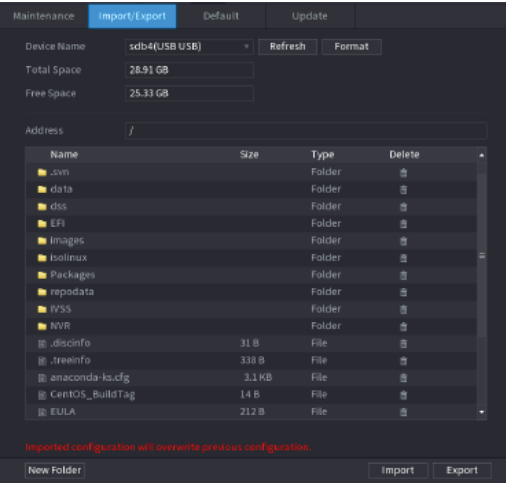


Figure 221: Connected USB device

4. Click **Export**.
There is a folder under the name style of "Config_XXXX". Double-click this folder to view the backup files.

28.4.3 - Restoring defaults on local page

This function is for admin account only.

You can restore the recorder to default settings on the local page.

Procedure:

1. Go to **Main Menu > MAINTAIN > Manager > Default**.

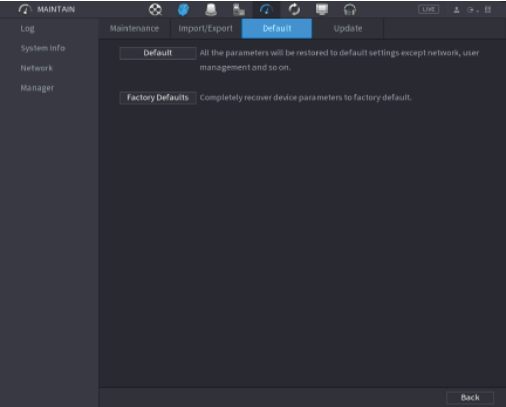


Figure 222: Default

2. Restore the settings.
- **Default** - Restore all the configurations except network settings and usermanagement to the default.
 - **Factory Default** - Restore all the configurations to the factory default settings.

28.4.4 - Restoring defaults with reset button

The reset button on the mainboard to reset the recorder to the factory default settings.
After resetting, all the configurations is lost.

Procedure:

1. Disconnect the recorder from a power source, and remove the cover panel. For more information on removing the cover panel, see [3.2 - HDD installation](#).
2. Connect the recorder to the power source again.
3. Press and hold the reset button for 5 to 10 seconds.
4. Restart the recorder.
After the recorder restarts, the settings are restored to the factory default.

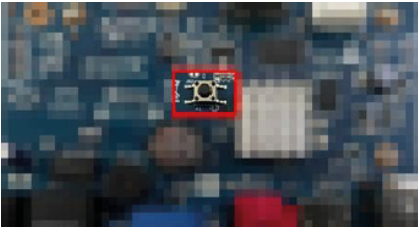


Figure 223: Reset button

28.5 - System update

28.5.1 - Upgrading file

Procedure:

1. Insert a USB storage device containing the upgrade files into the USB port of the recorder.
2. Go to **Main Menu > MAINTAIN > Manager > Update**.
3. Click **Update**.

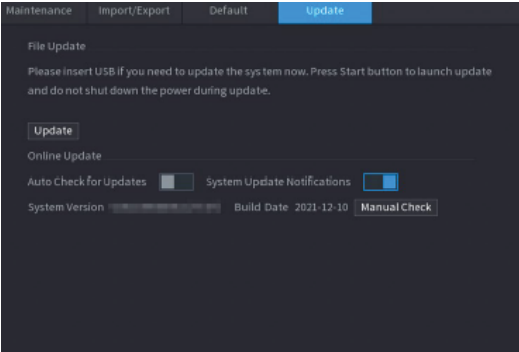


Figure 224: Update

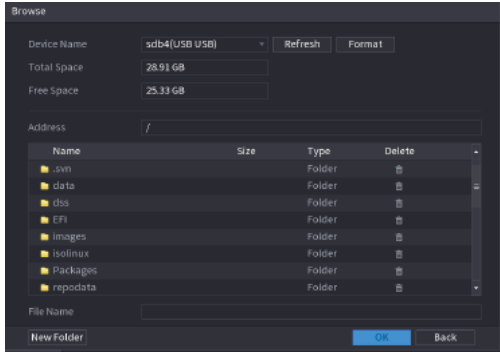


Figure 225: Browse

4. Click the file that you want to upgrade.
5. The selected file is displayed in the **Update File** box.
6. Click **Start**.

28.5.2 - Online upgrade

When the recorder is connected to Internet, you can use online upgrade function to upgrade the system. Before using this function, you need to check whether there is any new version by auto check or manual check.

- **Auto check** - The Device checks if there is any new version available at intervals.
- **Manual check** - Perform real-time check whether there is any new version available.

Note

Ensure the correct power supply and network connection during upgrading; otherwise the upgrading might fail.

Procedure:

1. Go to **Main Menu > MAINTAIN > Manager > Update**.
2. Check whether there is any new version available.
 - Auto-check for updates - Enable **Auto-check** for updates.
 - Manual check - Click **Manual Check**.The system starts checking the new versions. After checking is completed, the check result is displayed.
If the **It is the latest version** text is displayed, you don't need to upgrade.
If the text indicating there is a new version, go to the step 3.
3. Click **Update now** to update the system.

28.5.3 - Uboot upgrading

Under the root directory in the USB storage device, there needs to be **u-boot.bin.img** file and **update.img** file saved. The USB storage device needs to be in **FAT32** format.
Make sure the USB storage device is inserted; otherwise the upgrading can't be performed.
When starting the recorder, the system checks automatically whether there is a USB storage device connected and any upgrade file. If the check result of the upgrade file is correct, the system upgrades automatically. The Uboot upgrade helps avoiding the upgrade through +TFTP when the recorder is halted.

28.6 - Intelligent diagnosis

When exception occurs, export data to check details.
To export the data go to **Main Menu > MAINTAIN > Intelligent Diagnosis**.

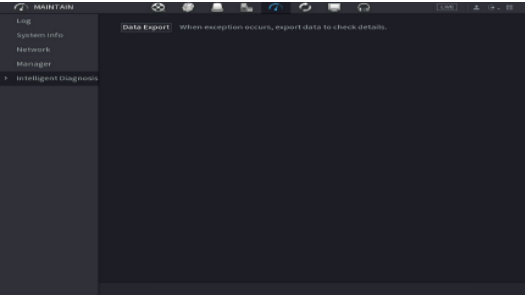


Figure 226: Intelligent diagnosis

29 USB AUTO POP-UP

After you inserted the USB device, system can detect it and pop up the following dialogue box. It enables convenient file backup, log, configuration or system update.

You can add a USB keyboard through USB port, and it can input characters limited to soft keyboard.

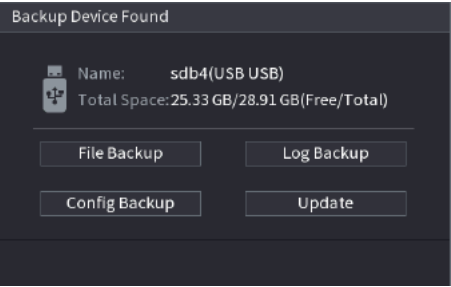


Figure 227: USB device prompt

30 SHUTDOWN

Notes

- When you see corresponding dialogue box **System is shutting down...** Don't click power on-off button directly.
- Don't unplug the power cable or click power on-off button to shutdown the recorder directly when it's running, especially when it's recording.
- Shut down the device and then unplug the power cable before you replace the HDD.

Procedure of the shutdown from the main menu (recommended):

1. Click the  icon at the upper-right corner.

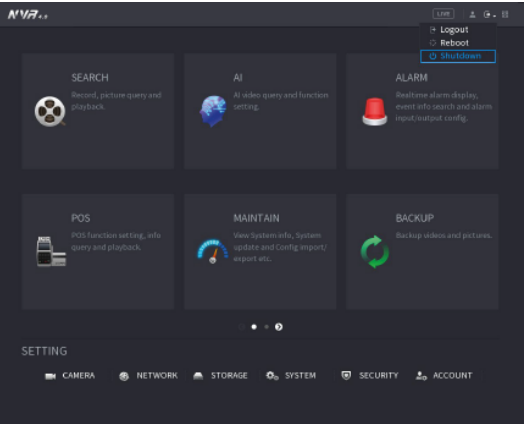


Figure 228: Shutdown 1

2. Select **Shutdown**.

Draw the unlock pattern or input the password if you have no authority to shut down.

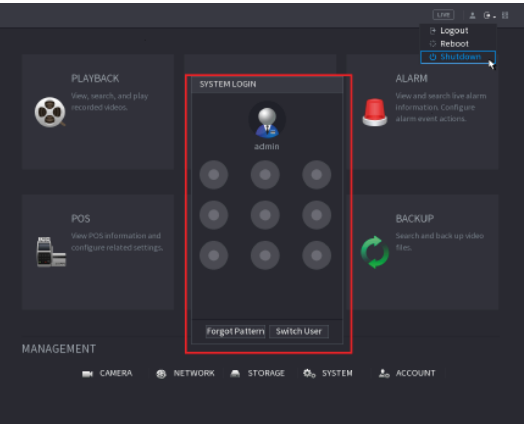


Figure 229: Shutdown 2

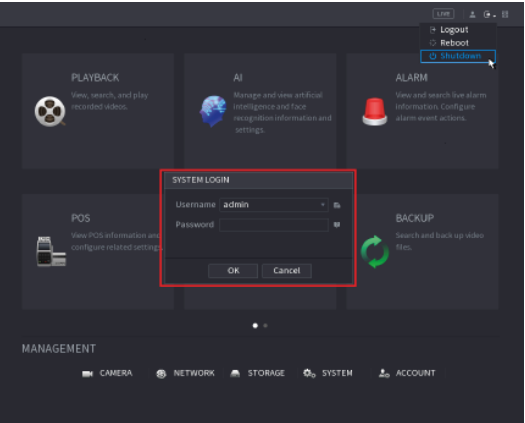


Figure 230: Shutdown 3

Notes

- To shutdown you can press the power button at the rear panel of the device.
- The system can automatically backup video file and resume previous working status after power failure.

31 WEB OPERATION

31.1 - Network connection

- The factory default IP of the Device is **192.168.1.108**.
- The recorder supports monitoring on different browsers such as Safari, Firefox, Google to perform the functions such as multi-channel monitoring, PTZ control, and device parameters configurations.
- Before configuration make sure the recorder is connected to the network.

Procedure:

1. Configure the IP address, subnet mask and hub for the PC and the recorder. For more information, see [28.3 - Network](#).
2. On your PC, check the network connection of the recorder by using "ping ***.***.***.***". Usually the return value of TTL is **255**.

31.2 - Web login

Procedure:

1. Open the browser, enter the IP address of the recorder and press Enter.

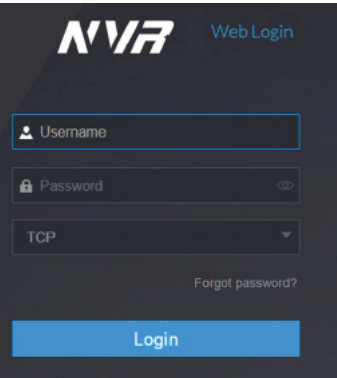


Figure 231: Login

2. Enter the username and password.

Notes

- The default administrator account is **admin**. The password is the one that was configured during initial settings. To ensure your account security, we recommend you to keep the password properly and change it regularly.
- Click the  icon to display the password.

3. Click **Login**.

31.3 - Web main menu

After you have logged into the web, the main menu is displayed.



Figure 232: Web menu

Table 66 - MyEye Video Recorder - Main menu symbols		
No.	Icon	Description
1		Configuration menu where you can configure the settings of camera, settings, storage, system, account, and view information on their settings.
2	None	Displays system date and time.
3		When you point to the  icon, the current user account is displayed.
4		Click the  icon to select Logout , Reboot , or Shutdown .
5		Displays Cell Phone Client and Device SN QR Code. • Cell Phone Client - Use your mobile phone to scan the QR code to add the recorder into the Cell Phone Client so that you can access the recorder from your cell phone. • Device SN - Obtain the recorder SN by scanning the QR code. Go to the P2P management platform and add the recorder SN into the platform. Then you can access and manage the device in the WAN. You can also configure P2P function in the local configurations, For more information, see 21.12 - P2P
6		Displays the web main menu.
7	None	Includes the following function tiles: • LIVE - You can perform the operations such as viewing real-time video, configuring channel layout, setting PTZ controls, using smart talk and instant record functions. • PLAYBACK - Search for and play back the recorded video saved on the recorder. • ALARM - Search for alarm information and configure alarm event actions. • AI - Configure and manage artificial intelligent events such as smart search, parameters or database. • OPERATION - View system information, import/export system configuration files or update system. • BACKUP - Search and back up the video files on the local PC or external storage device such as USB storage device. • DISPLAY - Configure the display effect such as displaying content, image transparency or resolution. • AUDIO - Manage audio files and configure the playing schedule. The audio file can be played in response to an alarm event if the voice prompts function is enabled. Click each tile to open the configuration page of the tile.

Table 67 - MyEye Video Recorder - Issues	
Issue	Reasons
The recorder failed to start properly.	• Incorrect power input • Incorrect connection of the power cord • Damaged power switch • Wrong program • Damaged HDD or the mainboard
The recorder shuts down automatically or stops running.	• Unstable or insufficient voltage input • Insufficient power button • Improper operating environment • Hardware error
The recorder can't detect HDD.	• Damaged HDD or HDD ribbon • Loose connection of HDD cable • Damaged SATA port
There is no video output in all channels.	• Incorrect program version • Brightness set to 0 • Hardware error
I can't find local records.	• Damaged HDD or HDD ribbon • Incorrect programm version • Overwritten recorded file • Disabled recording function
Distorted recorded videos	• Too low video quality setup • Program read error, too small bit data, mosaic in the full screen. Restart the recorder to solve the issue. • HDD data ribbon error • HDD malfunction • Recorder hardware malfunctions.
Time display isn't correct.	• Incorrect setup • Incorrect battery contact or too low voltage • Broken crystal
The recorder can't control PTZ.	• PTZ front panel error • Incorect PTZ decoder setup, connection or installation • Incorect cable connection • Incorect PTZ setup • Incompatible PTZ decoder and the recorder protocol address - When there are several decoders, add 120 Ohm between the PTZ decoder A/B cables furthest end to delete the reverberation or impedance matching. • Too far distance
I can't log in client-end or web.	• For Windows 98 or Windows ME user, update your system to Windows 2000 sp4 or install lower version of client-end. The recorder isn't compatible with Windows VISTA control. • Disabled ActiveX control • No dx8.1 or higher - Upgrade display card driver. • Network connection or setup error. • Invalid password or username • Incompatible client-end with the recorder
There is only mosaic and no video when preview or play-back video file remotely.	• Bad network fluency • Limited client-end resources • Current user with no right to monitor
Network connection isn't stable.	• IP or MAC address conflict • Not good PC or the recorder network card
Burn error /USB back error	• The same data cable for the burner and the recorder • Too much CPU resources used by the system - Stop recording and start backup. • Data amount exceeding backup device capacity, which might result in a burner error. • Incompatible or damaged backup device
Keyboard can't control the recorder.	• Incorrect recorder serial port setup • Incorrect address • Not enough power supply if there are several switches • Too far transmission distance
Record storage period isn't enough.	• Not enough HDD capacity • Damaged HDD
I can't playback the down-loaded file.	• No media player • No DXB8.1 or higher graphic acceleration software • No DivX503Bundle.exe control when you play the file transformed to AVI through a media player • No DivX503Bundle.exe or ffdshow-2004 1012 .exe inWindows XP OS

Table 67 - MyEye Video Recorder - Issues	
Issue	Reasons
Alarm signal can't be disarmed.	• Incorrect alarm setup • Manually opened alarm output • Device input error or incorrect connection Upgrade your system.
Alarm function is null.	• Incorrect alarm setup • Incorrect alarm cable connection • Incorrect alarm input signal • Two loops connect to one alarm device
Camera quality is too low.	• Dirty lens • Camera installed against the light • Incorrect camera setup
I forgot the local menu operation password or network password.	• Contact your local service engineer or our sales person for help.
There is no video. The screen is black.	• Not right IPC IP addressn or IPC port number • Not right IPC account: username or password • Offline IPC
The displayed video isn't full in the monitor.	• Check current resolution setup. If the current setup is 1920*1080, you need to set the monitor resolution to 1920*1080.
There is no HDMI output.	• Displayer isn't in HDMI mode. • Not right HDMI cable connection
The video isn't fluent when I view it in multiple-channel mode from the client-end.	• Not sufficient network bandwidth - The multiple-channel monitor operation needs at least 100 M. • Not sufficient PC resources - For 16 channels remote monitor operation, PC should have Quad Core, 2G or higher memory, independent displayer, display card memory 256 M or higher.
I can't connect to the IPC	Make sure • IPC has booted up. • IPC network connection is right and online. • the current network environment is stable. • the IPC port value and the time zone are the same as in the recorder. • the recorder isn't connected to too many IPC.
When I set resolution to 1080P, the monitor doesn't display.	Shut down the recorder and reboot it. While rebooting press the Fn button for 5 seconds. The recorder resolution is restored to the default setup.
My admin account has been changed and I can't log in.	Use telnet and then input the following command: • cd /mnt/mtd/Config/ • rm -rf group • rm -rf password Reboot the recorder to restore the default password.
After I log in the Web, I can't find the remote page to add the IPC.	Clear the Web controls and load again.
There is IP and the hub, I can access the Internet using the router. But I can't access the Internet after I reboot the recorder.	Use command PING to check if you can connect to the hub. Use telnet to access the recorder. Use command ifconfig-a to check the recorder IP address. If you see the subnet mask and the hub has changed after the reboot, upgrade the applications and set again.
I use the VGA monitor. When I use the multiple-window mode, I want to know if I see the video from the main stream or the sub stream.	• For 32-channel series product, the 9/16-window is usingthe sub stream. • For 4/8/16 series product, system uses the mainstream regardless a display mode.

Daily Maintenance

- Use the brush to clean the board, socket connector and the chassis regularly.
- Earth soundly the recorder in case there is audio/video disturbance.
- Keep the recorder away from the static voltage or induced voltage.
- Unplug the power cable before removing the audio/video signal cable: RS-232 or RS-485.
- Don't connect the TV to the local video output port (VOUT). It might result in video outputcircuit.
- Always shut down the recorder properly using the shutdown function in the menu or press the power button in the rear pane for at least three seconds. Otherwise it might result in HDD malfunction.
- Make sure the recorder is away from the direct sunlight or other heating sources.
- Keep the sound ventilation.
- Check and maintain the recorder regularly.

33 HDD CAPACITY CALCULATION

You can calculate the total capacity needed by each recorder according to video recording: video recording type and video file storage time.

1. Use the following formula to calculate storage capacity **q_i** that is the capacity of each channel needed for each hour measured in Mbyte.

$$q_i = d_i / 8 \times 3600 / 1024$$

In the formula **d_i** is a bit rate measured in Kbit/s.

2. Use the following formula to calculate the storage capacity **m_i**, which is storage needed for each channel measured in Mbyte.

$$m_i = q_i \times h_i \times D_i$$

In the formula **h_i** is the recording time for each day measured in hours and **D_i** is the number of days for which the video shall be kept.

3. Use the following formula to calculate total capacity needed for all channels during alarm video recording, including motion detection.

$$q_t = \sum_{i=1}^n m_i \times a\%$$

In the formula **a%** is alarm occurrence rate.

34 MOUSE OPERATION

Table 68 - MyEye Video Recorder - Mouse operation	
Operation	Description
Left click	When you have selected one menu item, left click mouse to view menu content.
	Modify checkbox or motion detection status.
	Click combo box to pop up drop-down list.
	In input box, you can select input methods. Left click the corresponding button on the panel to input numeral/English character (lower case/upper case).
	• In English input mode: _ stands for input a backspace icon and ←stands for deleting the previous character. • In numeral input mode: _ stands for clear and ← stands for deleting the previous numeral. 
Double left click	Implement special control operation such as double click of one item in the file list to playback the video.
	In multiple-window mode: • double left click one channel to view in full-window. • double left click a current video to go back to previous multiple-window mode.
Right click	In real-time monitor mode, pops up shortcut menu
	Exit current menu without saving the modification
Press middle button	In numeral input box: increase or decrease numeral value
	Switch the items in the checkbox
	Page up or page down
Move mouse	Select current control or move control
Drag mouse	Select motion detection zone
	Select privacy mask zone

Mandatory actions to be taken towards cybersecurity:

- Change passwords for strong ones.
 - Create a password longer than 8 characters.
 - Include at least two types of characters: upper and lower case letters, numbers and symbols.
 - Don't contain the account name or the account name in reverse order.
 - Don't use continuous characters, such as 123, abc, etc.
 - Don't use overlapped characters, such as 111, aaa, etc.
- Update firmware

As it's a standard procedure in the tech-industry, we recommend keeping the recorder and IP camera firmware up-to-date to ensure the system uses the latest security patches and fixes. When the recorder is connected to the public network, it's recommended to enable the **Auto-check for updates** function to obtain timely information of firmware updates released by the manufacturer. We recommend to down-load and use the latest version of client software.

“Nice to have” recommendations to improve your network security:

- Use physical protection

Place the recorder in a special computer room and cabinet, and implement access control permission and key management to prevent unauthorized people from actions such as damaging hardware or unauthorized connection of of removable device, including a USB flash disk or serial port.
- Change passwords regularly

This action reduce the risk of being guessed or cracked.
- Set and update passwords reset information timely

The recorder supports password reset function. Set up related information for password reset, including the end user's mailbox and pass-word protection questions. If the information changes, modify it in time. When setting password protection questions, use those that are difficult to guessed.
- Enable account lock

The account lock feature is enabled by default, and we recommend you to keep it on to guarantee the account security. If an attacker at-tempts to log in with the wrong password several times, the corresponding account and the source IP address are locked.
- Change default HTTP and other service ports

We recommend to change default HTTP and other service ports into any set of numbers between 1024 – 65535 to make it more difficult to guess which port you use.
- Enable HTTPS

With the HTTPS protocale enabled you visit Web service using a secure communication channel.
- Bind MAC address

Binding the IP and MAC address of the hub to the recorder reduces the risk of ARP spoofing.
- Assign accounts and privileges reasonably

According to business and management requirements add users reasonably and assign aminimum set of permissions to them.
- Disable unnecessary services and choose secure modes

If not needed, turn off services such as SNMP, SMTP, UPnP.
If necessary, it's highly recommended to use safe modes, including but not limited to the following services:

 - SNMP - Choose SNMP v3, and set up a strong encryption passwords and authentication passwords.
 - SMTP - Choose TLS to access mailbox server.
 - FTP - Choose SFTP, and set up strong passwords.
 - AP hotspot - Choose WPA2-PSK encryption mode, and set up strong passwords.
- Audio and video encrypted transmission

The function of encrypted transmission reduces the risk of audio and video data being stolen during transmission.
Note: Encrypted transmission causes some loss in transmission efficiency.
- Secure auditing
 - Check online users regularly to see if the recorder is logged in without authorization.
 - Check device log to know the IP addresses that were used to log in to your devices and their key operations.
- Use network log

Due to the limited storage capacity of the recorder, the stored log is limited. If you need to save the log for a long time enable the network log function to ensure that the critical logs are synchronized with the network log server for tracing.
- Construct a safe network environment

To better ensure the safety of the recorder and reduce potential cyber risks, we recommend:

 - Disable the port mapping function of the router to avoid direct access to the intranet devices from external network.
 - Partition and isolate the network according to the actual network needs. If there are no communication requirements between two sub networks, it's suggested to use VLAN, network GAP and other technologies to partition the network, so as to achieve the network isola-tion effect.
 - Establish the 802.1x access authentication system to reduce the risk of unauthorized access to private networks.
 - Enable the IP/MAC address filtering function to limit the range of hosts allowed to access the recorder.

Warranty

We warrant this product to be free from defects in material and workmanship under normal and proper use for two years from the purchase date of the original purchaser. We will, at its option, either repair or replace any part of the products that prove defective due to improper wor-kmanship or materials. THIS LIMITED WARRANTY DOES NOT COVER ANY DAMAGE TO THIS PRODUCT THAT RESULTS FROM IMPROPER INSTALLATION, ACCIDENT, ABUSE, MISUSE, NATURAL DISASTER, INSUFFICIENT OR EXCESSIVE ELECTRICAL SUPPLY, ABNORMALME-CHANICAL OR ENVIRONMENTAL CONDITIONS, OR ANY UNAUTHORIZED DISASSEMBLY, REPAIR OR MODIFICATION. This limited warranty shall not apply if: (i) the product was not used in accordance with any accompanying instructions, or (ii) the product was not used for its intended function. This limited warranty also does not apply to any product on which the original identification information has been altered, obliterated or removed, that has not been handled or packaged correctly, that has been sold as second-hand or that has been resold contrary to Country and other applicable export regulations.



Simplified EU declaration of conformity:

Hereby, Nice SpA Oderzo TV declares that the MyEye Video Recorder and MyEye Video Recorder Lite are in compliance with Directives 2014/53/EU, 2014/35/EU, 2011/65/EU and 2014/30/EU. The full text of the EU declaration of conformity is avail-able at the following internet address: <https://www.niceforyou.com/en/professional-area/download?v=18> under the **download** section.



WEEE Directive Compliance:

Device labelled with this symbol should not be dispo-sed with other household wastes. It shall be handed over to the applicable collection point for the recycling of waste electrical and electronic equipment.



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