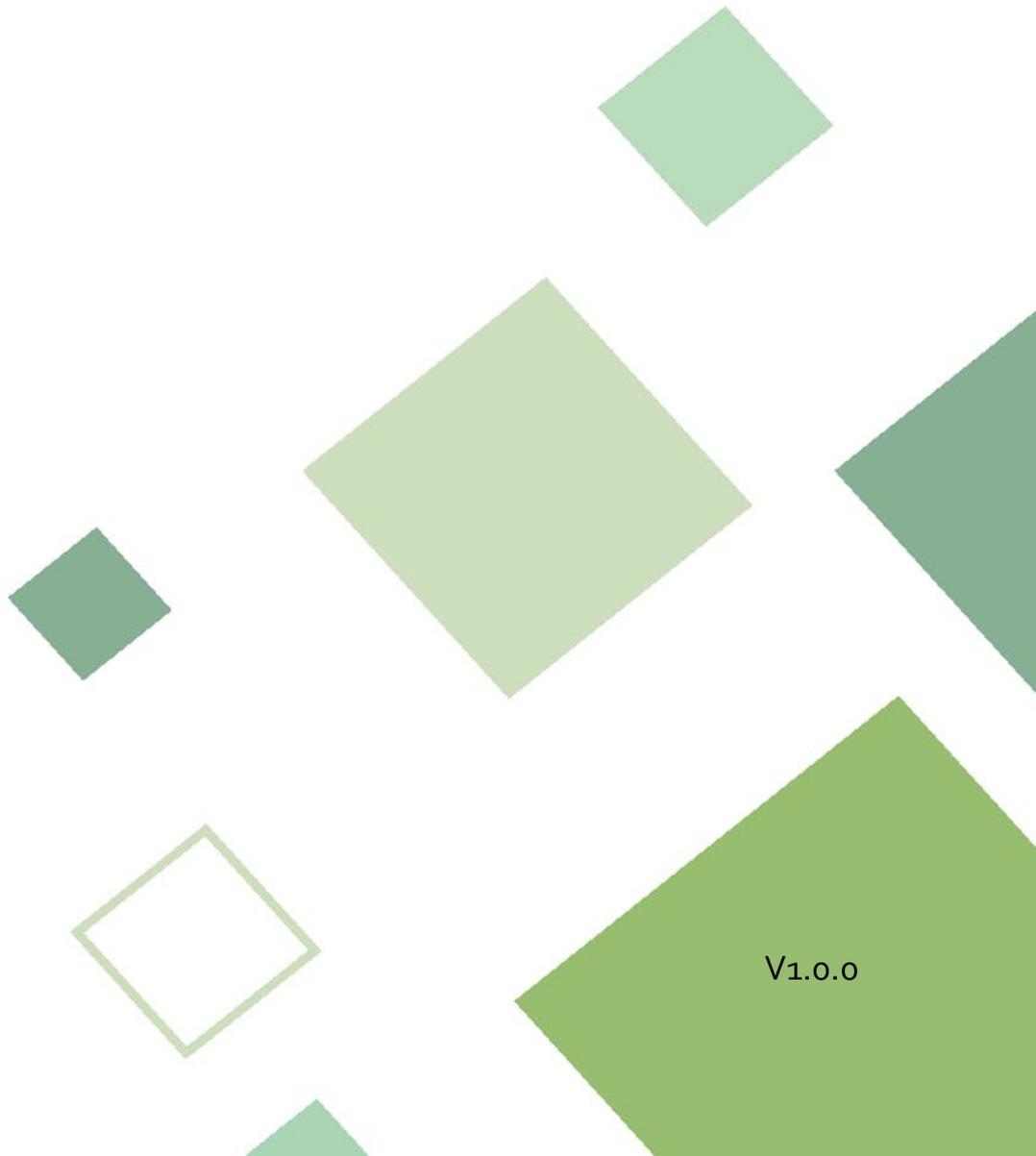# PRO-X NEXT App

User's Manual

V1.0.0

Foreword

General

This manual introduces the functions and operations of the PRO-X NEXT app (hereinafter referred to as "PRO-X NEXT").

Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
![DANGER]	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
![WARNING]	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
![CAUTION]	Indicates a potential risk which, if not avoided, could result in property damage, data loss, reductions in performance, or unpredictable results.
![TIPS]	Indicates a laser radiation hazard. Take care to avoid exposure to a laser beam.
![NOTE]	Provides additional information as a supplement to the text.

Revision History

Version	Software Version	Revision Content	Release Time
V1.0.0	V1.00.000	First release.	May 2025

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.

About the Manual

- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions. For detailed information, see the paper user's manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.

- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact customer service for the latest program and supplementary documentation.
- There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of 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 company names in the manual are properties of their respective owners.
- Please visit our website, contact the supplier or customer service if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

Table of Contents

1 Overview

1 Introduction

Pro-X Next work with LTS Pro-X series IP cameras and NVRs. Plus, it's a user-friendly mobile APP designed for real-time security monitoring. It offers features like 24/7 live streaming, MD&VCA alerts, and video playback.   Perfect for homes, offices, or remote property monitoring—stay connected and protected anytime, anywhere.

2 Operation system requirement

- Android 8.0 or later.
- iOS 11.0 or later.

2 Login

For first-time use, we suggest to create an account. This user manual uses the operations for Android as an example.

2.1 Signing Up

Procedure

Step 1   Search for PRO-X NEXT in the Google Play store, and then download the app.

📖

For iOS users, you can go to Apple Store to download PRO-X NEXT.

Step 2   Create an account.

1) On the **Log in** screen, tap **Register**.

Sign up

2) Enter your email address and password.
3) Read the **Terms and Conditions**, and then select the **I have read and agree to** checkbox.
4) Tap **Get verification code**, check your email box for the verification code, and then enter the code.

Enter verification code

5) Tap **OK**.

Step 3   On the **Log in** screen, enter your email and password, and then tap **Log in**.
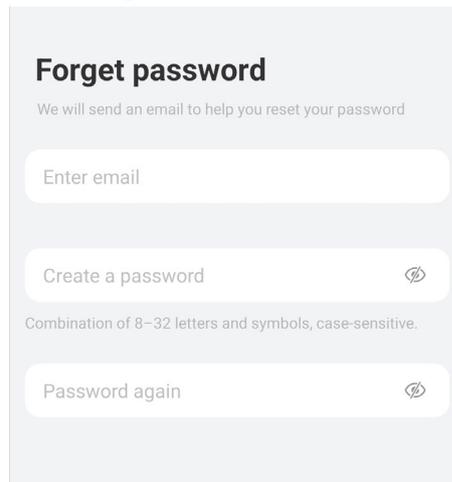
2.2 Resetting the Password

On the **Log in** screen, you can reset your password.

Procedure

Step 1   Tap **Forget password?**

Step 2   On the **Forget password** screen, enter the email address that you set during registration, set a new password, confirm it, and then tap **Get verification code**.

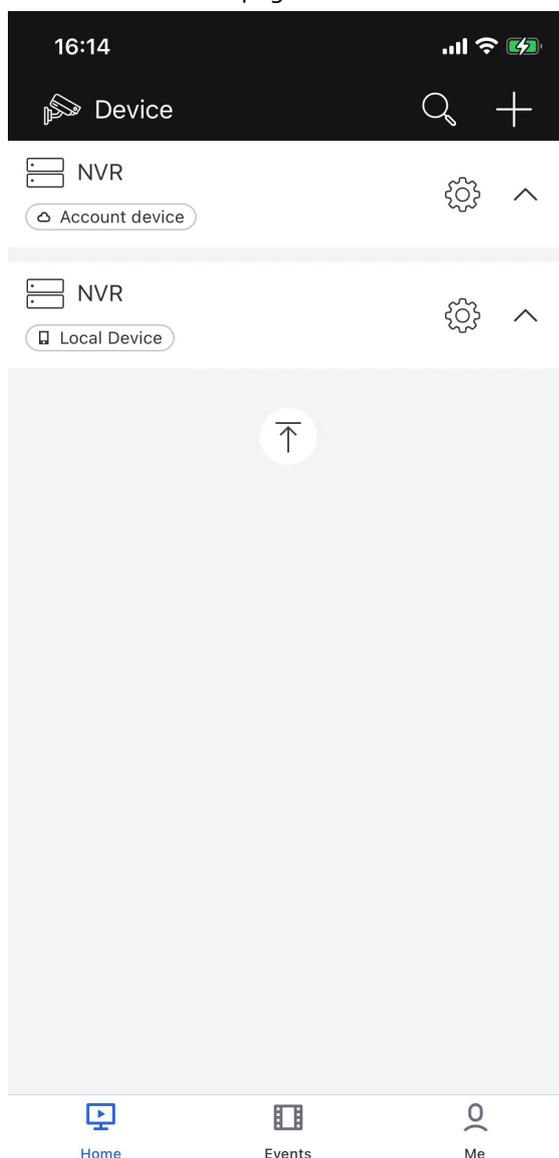Forget password

Step 3   On the **Forget password** screen, enter the verification code obtained from the email, and then tap **OK**.

Step 4   On the **Log in** screen, tap **Log in**.

3 Home

Home page

Description of the home screen

No.	Name/Icon	Description
1	Device Group	Tap to switch home page between **Device** and **Group**. ● **Device**: Display the current list of devices added to the app. ● **Group**: Display the current list of device or channel groups added by your favorite.
2		Tap to search for the device or channel.
3		Tap to add devices. For details, see "4 Adding Devices".

No.	Name/Icon	Description
4	⚙	Tap to configure devices.
5	Preview	Tap to go to the live view screen.
6	Devices	Displays the information of added and shared devices. Tap the device name to view detailed device information.
7	↑	Tap to go to **Move to the Top** screen, then you can move the device to the top of the list.
8	Navigation bar	Tap **Home**, **Events** or **Me** to go to the corresponding modules.

4 Adding Devices

You can add devices by manually entering the device SN, scanning the QR code, entering the IP of the device or specific domain, or by performing an online searching.
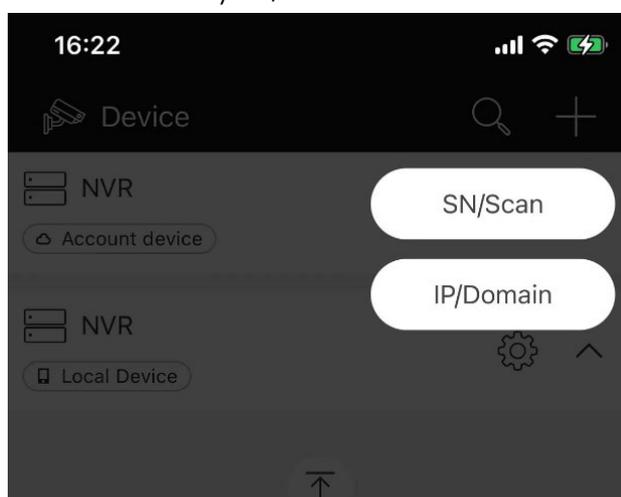
4.1 Adding by SN/QR Code

You can add devices by scanning the QR code or manually entering the SN.

Procedure

Step 1   On the **Device** screen, tap ⊞ and then select **SN/Scan**.

Add by SN/QR code

Step 2   Add a device.
- Scan the device QR code directly, or tap 🖼 and import the QR code picture to add a device.
- Tap **Manual** and enter the device SN, then tap **Next** to manually add a device.

Step 3   On the **Add Device** screen, customize the device name, enter the username and the device password, and then tap **Done**.

4.2 Adding by IP/Domain searching

You can add devices by entering the IP of the device or specific domain.

Procedure

Step 1   On the **Device** screen, tap ⊞ and then select **IP/Domain**.
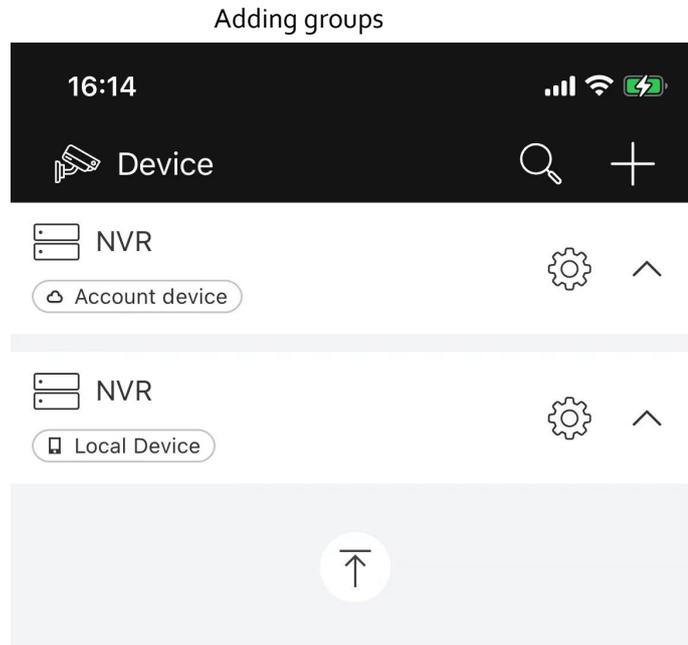
Step 2   Enter information as needed, and then tap **Done**.

5 Adding Groups

You can save channels as a group to find them easily and go to the **Live View** when needed.

Procedure

Step 1   Tap [Device] on home screen to switch to **Group** display mode.

Adding groups

Step 2   Tap [+] then tap **Add Group**.

Step 3   On **Add Group** screen, select one or multiple channels from same device type, then tap **Next**.

Step 4   Enter the group name, then tap **OK**.

Related Operations

- Tap group name to play channels in this folder simultaneously.
- Tap [edit] to edit group information, such as add more channels, delete existing channels, rename the group and delete the group.

6 Basic Operations

After adding devices, you can perform basic operations, such as configuring the parameters of devices, restarting and deleting devices and setting and changing the password of the device.
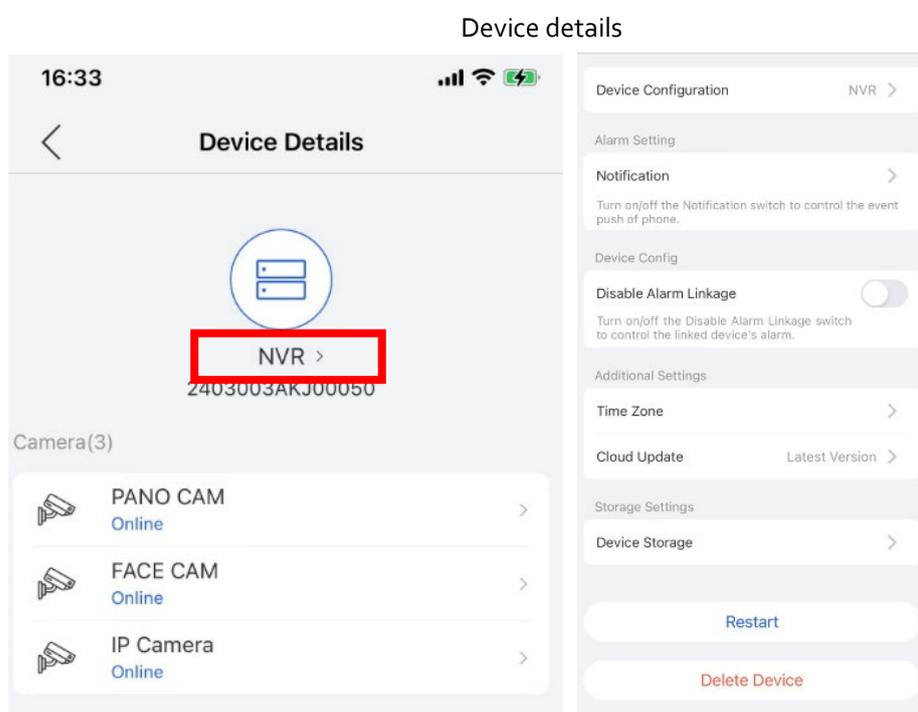
6.1 Configuring Devices for NVR

Procedure

Step 1　On the **Device** screen, tap ⚙ next to a device. And then, select the NVR which you want to set.

Step 2　tap **device configuration** to next step.

Device details

Device details

No.	Description
1	Tap **Device Configuration** to open the **Device Configuration** screen, and then modify the device name and password, and view the SN and device model.
2	Tap **Notification** to select the channels or notification types you want.
3	Tap **Restart** to restart the device.
4	Tap **Delete Device** to delete the device.

6.1.1 Notification
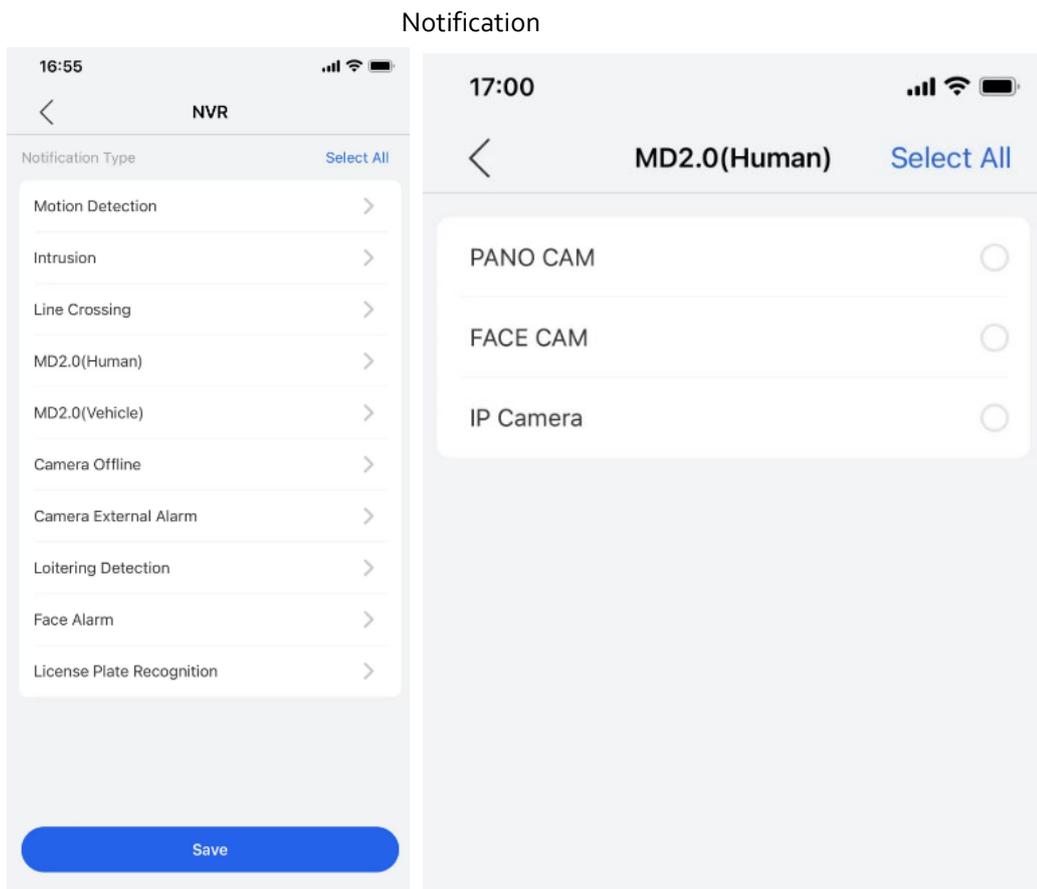
Background Information

You can subscribe for alarm messages to have notifications sent to PRO-X NEXT when an alarm is triggered.
You can set the type of notification to be sent. Multiple types of notifications can be selected simultaneously. This section uses configuring the IP camera as an example.

Procedure

Step 1   On the **Device** screen, tap ⚙ next to a device.

Step 2   select the NVR into **Notification** section, and then configure the parameters.

Notification

Configure notification push

Notification Type	Description
Motion Detection	The alarm is triggered when a target is moving abnormally in the picture.
MD2.0 (Human)	The alarm is triggered when the device detect human, vehicle or both.
MD2.0 (Vehicle)	
Line crossing/ Intrusion	The alarm is triggered when the defined rules for functions are broken such as for Line crossing and Intrusion.
Camera External Alarm	When a device that is connected to an IPC, such as an NVR, is added to PRO-X NEXT, notifications will be sent when an alarm is generated on the IPC.
Loitering Detection	The alarm is triggered when people are loitering in the image.

Notification Type	Description
Face Alarm	The alarm is triggered when human faces are detected in the image.
License Plate Recognition	The alarm is triggered when recognized the license plate.

6.1.2 Disabling Alarm Linkage

On the **Alarm Setting** section, tap ⬤ next to **Disable Alarm Linkage** to disable the function of alarm linkage.

6.1.3 Illumination Settings

Configure the illumination mode. You can select from **Intelligent Mode**, **White LED Mode** and **IR Mode**.

6.1.4 Time Zone

When your region has Daylight Saving Time (DST), you can select the time zone and set DST.

Procedure

Step 1 On the **Device** screen, tap ⚙ next to a device.

Step 2 Tap **Time Zone** in **Additional Setting** section.

Step 3 Select the time zone that the device is in.

Step 4 (Optional) Tap ⬤ next to **DST** to enable the function, and then set the start time and end time of the DST.
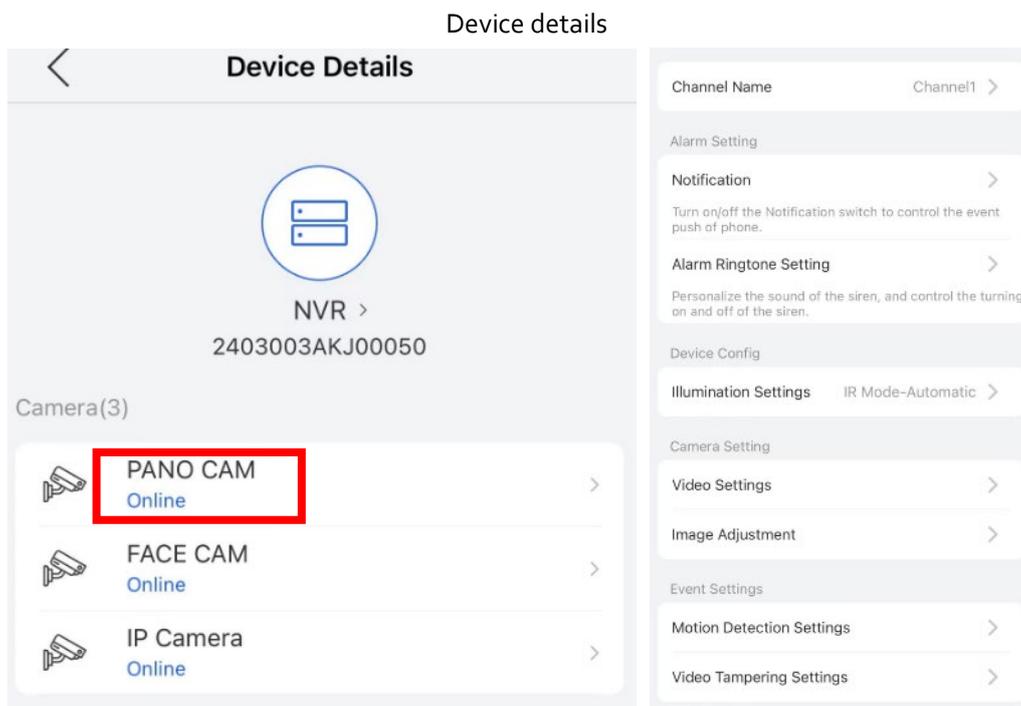
Step 5 Tap **Save**.

6.1.5 Cloud Update

Tap **Cloud Update** in **Additional Setting** section, you can view the current device version and upgrade the device when a new version is discovered by the system.

6.2 Configuring Devices for IPC

Procedure

Step 1 On the **Device** screen, tap ⚙ next to a device. And then, select then camera which you want to set.

Step 2 tap **device configuration** to next step.

Device details

6.2.1 Channel name

Tap to modify the camera name

6.2.2 Notification

You can select the notification types; Also multiple types of notifications can be selected simultaneously
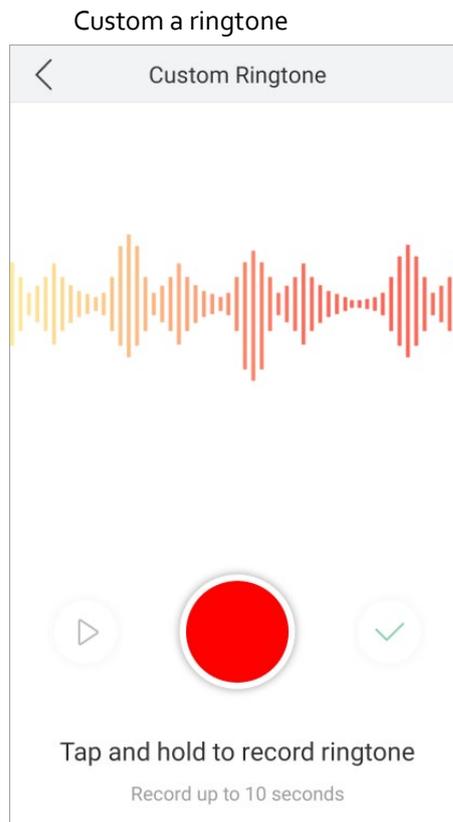
6.2.3 Alarm Ringtone Setting

Procedure

Step 1   On the **Alarm Ringtone Setting** screen, tap ⬭ next to **Alarm and Siren Linkage** to
enable the function.
A prompt window will appear to alert you that the siren is very loud. If you are sure that you
want to enable this function, tap **OK,** and then ⬭ will become 🔵.

Step 2   Tap **Alarm Ringtone Setting** to set an alarm ringtone.
- Select an existing alarm ringtone.
- Tap ⊞ , and then hold 🔴 to create your own custom ringtone.

    Tap ✓ when you finish recording. Tap ▷ if you want to pause recording.
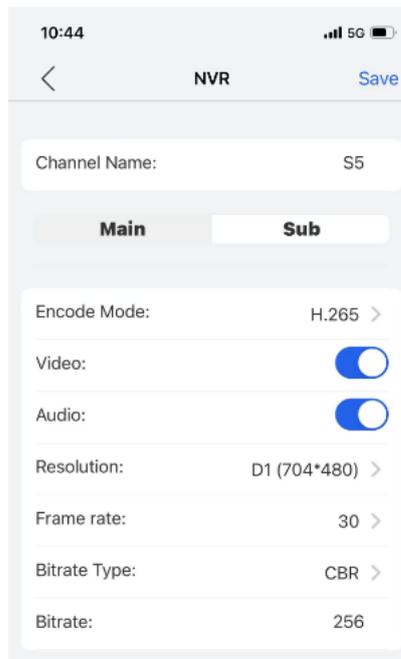
Custom a ringtone

6.2.4 Illumination Settings

Configure the illumination mode.
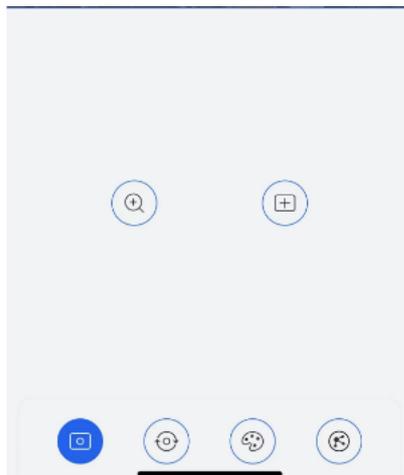You can select from **Intelligent Mode**, **White LED Mode** and **IR Mode.**

6.2.5 Video Stream

Set the parameters for video stream, such as encoding mode, resolution, frame rate, bit rate type, and bitrate.

6.2.6 Image Adjustment

You can adjust settings for the live view image such as focus, zoom, brightness, contrast, and image quality.
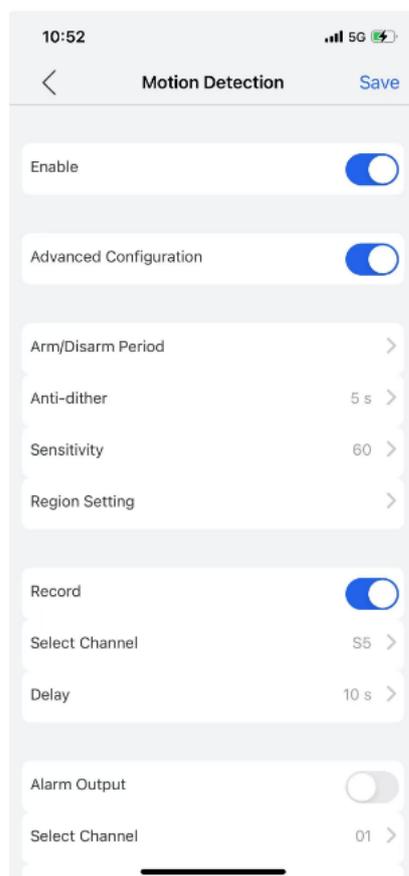

Function icon descriptions

Function	Description
Focus/Zoom	• Tap ⊕ to zoom in or out of the image. • Tap ⊞ to adjust the focus to make the image clearer

Function	Description
Rotate/Flip	Tap (⊚) to rotate or flip the image. • (▷|◁) : Flip horizontally. • (⊼) : Flip vertically. • (↶90) : Rotate 90° anticlockwise. • (90↷) : Rotate 90° clockwise. • (180) : Rotate 180°.
Image effect	Tap (🎨) to adjust image effects. • (☀) : Brightness. • (◐) : Contrast. • (🎨) : Hue. • (⧖) : Saturation. • (↻) : Restore to default.
Video quality	Tap (🛈) to adjust the quality of the live video. • (AUTO) : Auto mode. • (⌿) : Real-time mode. • (≑) : Fluent mode.

6.2.7 Motion Detection Settings

To enable or disable the Motion detection function. Plus, you can adjust the Motion detection parameters for the camera, the parameters such as sensitivity, region, period, motion detection snapshot etc.
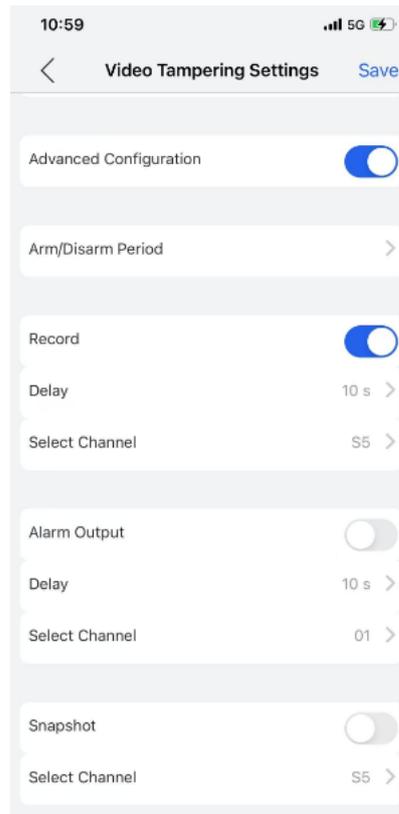
Advanced configuration

Function	Description
Arm/Disarm Period	Set arming periods. The alarm can only be triggered when it occurs during the defined period. Select dates, tap ⬤ next to defined arming period, and then tap **Save**.
Anti-dither	Set the anti-dither period from 0 s to 600 s. Only one motion detection event is recorded during the period.
Sensitivity	Set the sensitivity value from 0 to 100. It is easier to trigger an alarm when the sensitivity level is higher.
Region Setting	Set the motion detection region. The entire video image is the monitoring area by default. ● Tap 🖊 to set the motion detection region. ● Tap ✗ to clear the zone you have set. ● Tap ✋, and then pinch or stretch out your fingers to zoom in or out of the image.
Record	Tap ⬤ next to **Record** to enable the function, and then the system records automatically when an alarm is triggered.
Delay	The record will be generated for the alarm at the time that was selected and will be sent after the alarm ends.
Alarm Output	Tap ⬤ next to **Alarm Output** to enable the function, and then the connected alarm output device will be linked when the alarm is triggered.
Delay	The alarm keeps output for the defined time after the alarm is ended.

Function	Description
Snapshot	Tap ⬜ next to **Snapshot** to enable the function, and then the system will automatically capture pictures when the alarm is triggered.

6.2.8 Video Tempering Settings

To enable or disable the Video Tempering function. Plus, you can adjust the Video Tempering parameters for the camera, such as period, snapshot etc.

Advanced configuration

7 Live View and Playback
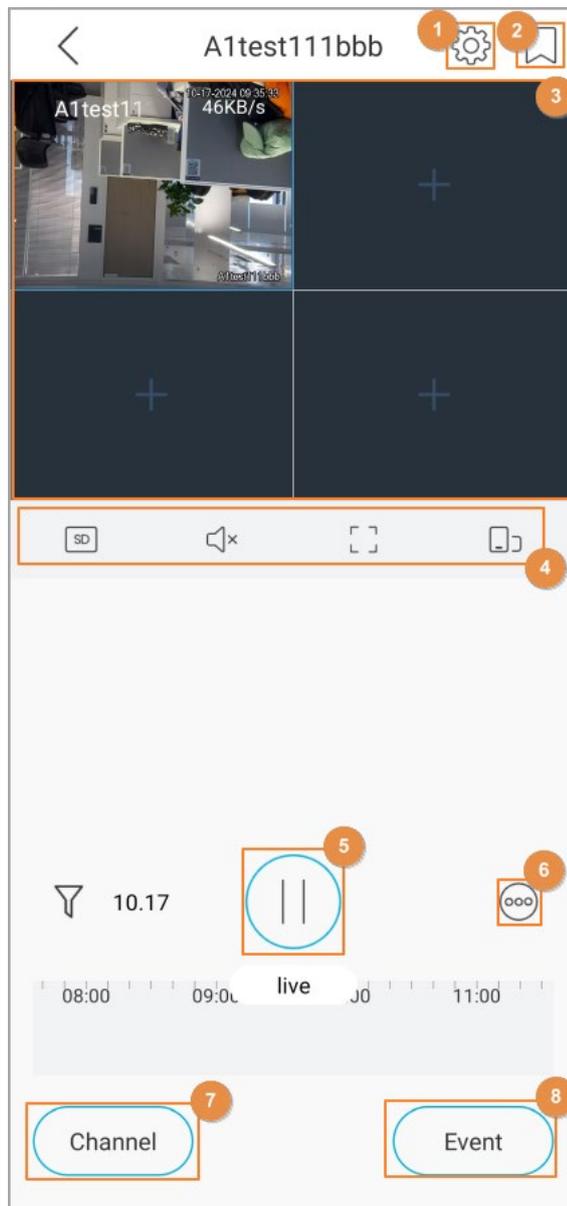
7.1 Live View

You can view monitoring channels and perform operations such as taking snapshots, recording videos, and adding channels as a group.

Procedure

Step 1　On the **Device** screen, tap live picture in IPC, PTZ, LPR or NVR devices.

Step 2　Tap ⊞ in the window, and then select a channel from the device list to be played.

Step 3　View and perform operations for the live videos.

Live view function icons

No.	Icon/Function	Description
1	⚙	Device details. Tap ⚙ to go to the **Device Details** screen, and then you can configure your device. For details, see "6 Basic Operations".
2	🔖	Groups Select a video, tap 🔖, and then select an existing group that you want to save the video to. 📖 If you want to create a new group, select 🔖 > ➕, enter the name of the folder, and then tap **OK**.
3	Live view	● To change the position of a video, tap and hold the video, and then move it to the target window. ● Double tap to enlarge a window, and then double tap again to restore it to its original size. ● To delete a video, tap and hold the video until the trash bin appears on the top of the screen, and then drag the video to the trash bin, and release it. ● If the video is not playing properly, tap **Help** in the window to find solutions to solve the problem.
4	HD / SD	Video stream. Tap the icon to switch between SD and HD video quality.
	🔊 / 🔇	Tap the icon to disable or enable the audio.
	⌞ ⌝ / ▭	Switch screen ratio. You can switch the selected live view screen ratio between 4:3 and original ratio.
	📱	Change the image orientation to landscape.
5	⏸ / ▷	Play/Pause.
6	🎤	Two-way audio. ● Channel talk: Talk to a person through a channel that is playing. ● Device talk: Talk to a person through the device. 📖 ● Two-way audio is available on select models. ● If device talk is available, the system will prompt you to select between device talk and channel talk. Otherwise, only channel talk is available.

No.	Icon/Function	Description
		Video recording. Recorded videos are saved in the **Media Album**.
		Take snapshot. Snapshots are saved in the **Media Album**.
		Siren. Tap to enable Siren function.
		PTZ control. ● Tap to zoom in or out of the image. ● Tap to adjust the brightness of the video. ● Tap , select the preset point, and then tap **OK** to turn the PTZ to the monitored target. ● Use to control PTZ directions: Left, right, up, down, upper-left, upper-right, lower-left, and lower-right are all supported. You can also use gestures to control the PTZ. ● Swipe on the screen to control the PTZ direction. ● Pinch or stretch out your fingers on the screen to zoom in or out. ● Only one window is displayed during PTZ control. ● The PTZ function is available on select models.
		White light. Tap to enable white light. The function is available on select models.
7	Channel	Tap to switch or add a channel in live view window.
8	Event	Alarm event. Tap **Event**, and you can view the alarm event messages.

7.2 Video Playback

You can search for and play back videos according to the time, video type, and channels.

Prerequisites

Before you can play back a video, you need to set event alarm rules and record plans for the channel.
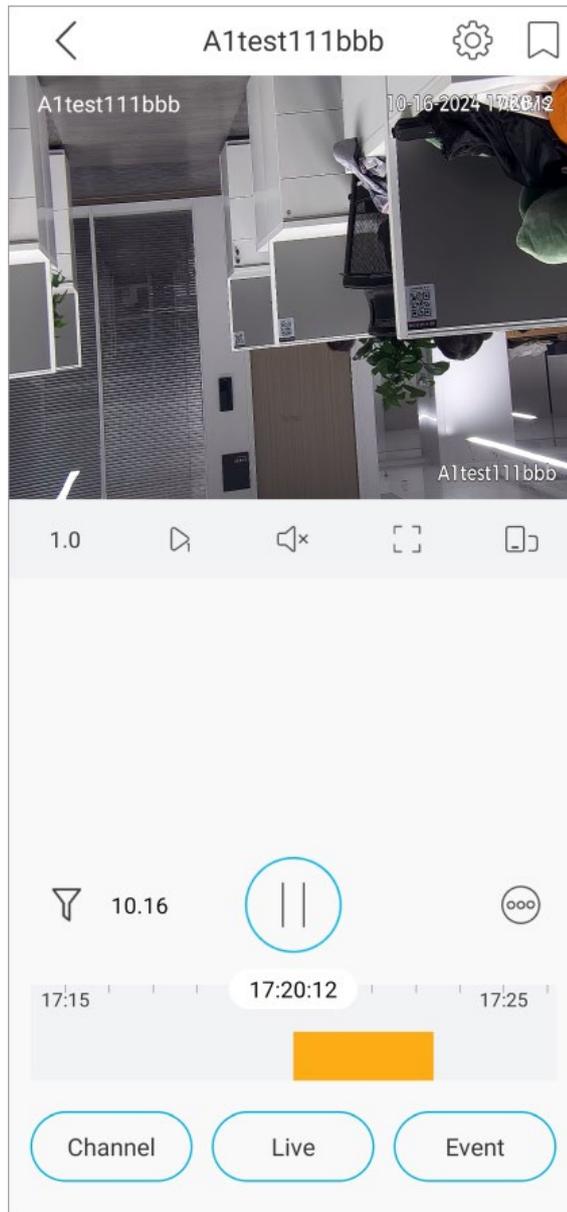
Procedure

Step 1   On the **Live** screen, drag the time bar to a colored section to go to **Playback** page.

📖

- When multiple windows are playing at the same time, the Live and playback status of each window are independent and do not affect each other.
- If no color block is displayed in a period of the time bar, it means that there is no playback in this period under the current channel.

Step 2   View and perform operations for the playback videos.

Video playback
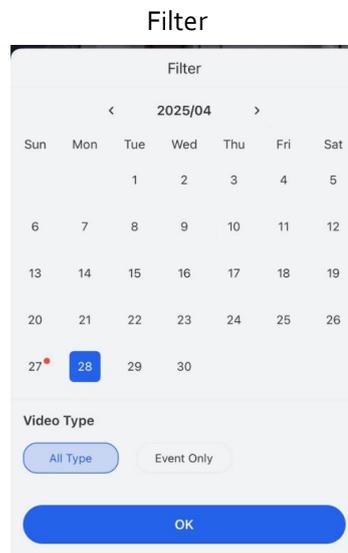

Video playback function icons

Function	Description
⏸ / ▷	Same function as live view
🔊 / 🔇	

Function	Description
⌐⌐ /▭	
▯コ	
(◧)	
(◎)	
(◉)	
1.0	Tap the icon, and then select the playing speed.
▷	Play by frame.
Time bar	The color block indicates the different types of recorded videos. ● Green: All type ● Orange: Event only. Drag the time bar to view recordings linked to the different time frames. Pinch or stretch out your fingers to zoom into the bar.

Step 3   Tap ▽ icon to change the date and type of recording.

       The recording types are as follows:

       ● **All Type**: Play all the recording types.

       ● **Event only**: Recordings of when event alarms were triggered.

Filter

8 Access

You can view unlock records, remotely unlock the door and more.

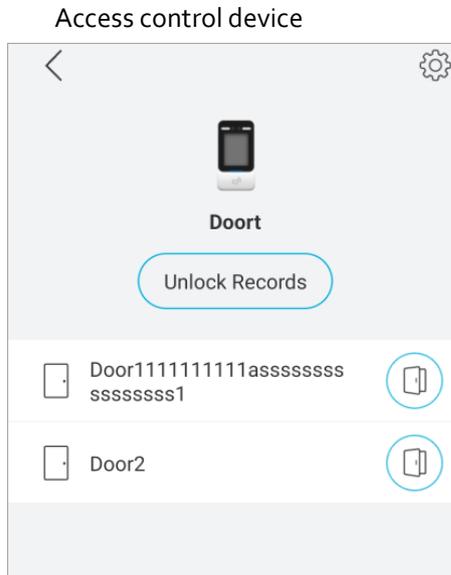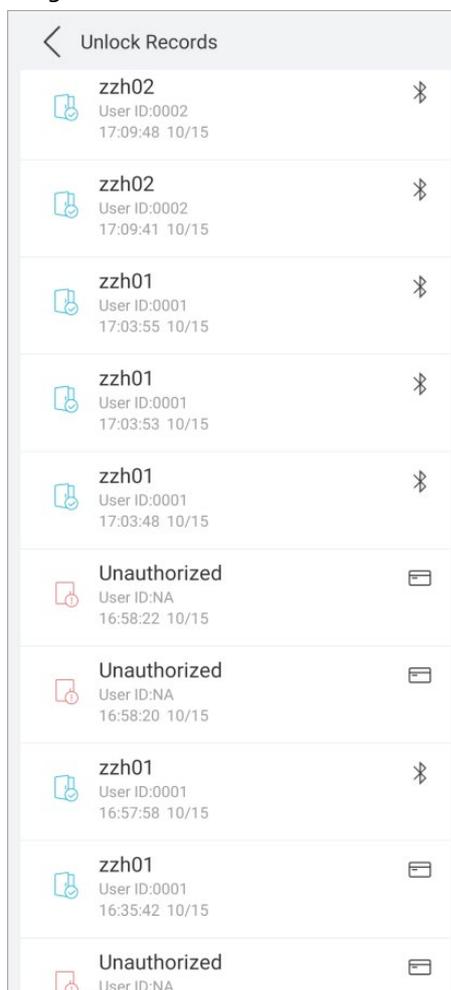On the **Device** screen, tap an access control device.

Access control device

Figure 8-2 Unlock Records

Function icon description

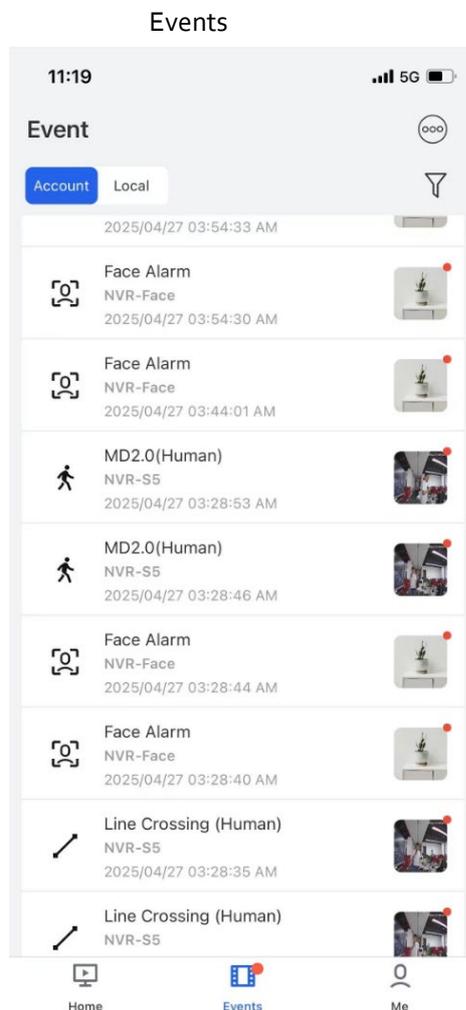| Function	Description
Device details	Tap ⚙ to go to the **Device Details** screen. 📖 You can also tap ⚙ of the access control device on the **Device** screen.
Unlock	Tap 🔲 to unlock the door.
Unlock records	Tap **Unlock Records** to display person name, ID, unlock time, and unlock methods. ● ➡🚪: Remotely unlock the door through the app. ● 💳: Unlock by card. ● 🔒: Unlock by password. ● ✳ : Unlock by Bluetooth. ● 💳🔒: Unlock methods combination. ● ✅: Successfully unlocked the door. ● ⚠: Failed to unlock the door.

9 Events

Alarm messages generated by devices that were added can be pushed to the PRO-X NEXT app. You can view recorded videos, the live video, and picture of alarm events.

9.1 Subscribing for Alarm Messages

Before using this function, please ensure the notification function is setting fully correct, such as notification types, channels and notification period.

9.2 Viewing events

Events

Procedure

Step 1   On the **Event** screen, you can view the alarm messages information, including alarm type, triggered device and time.
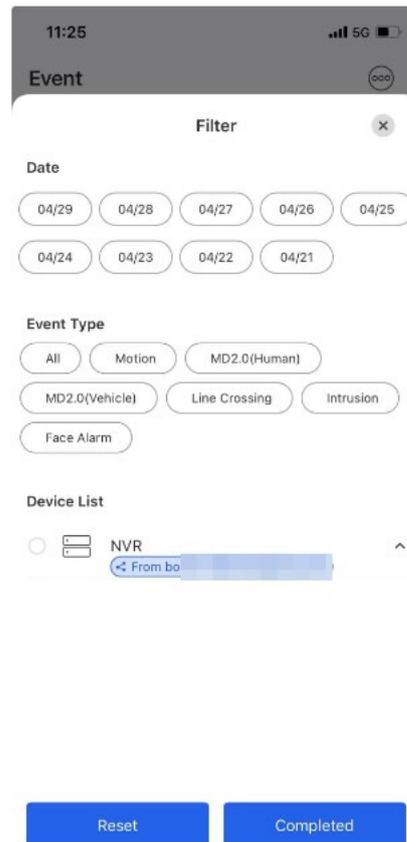
1, Messages with red dots have not been read as yet.

2, You can tap ⦿ on upper right to delete messages or mark messages as read.

- Tap **Mark All as Read**, then all the messages will be marked as read.
- Tap **Edit**, you can mark as read or delete selected messages. Tap **Done** to save the editing.
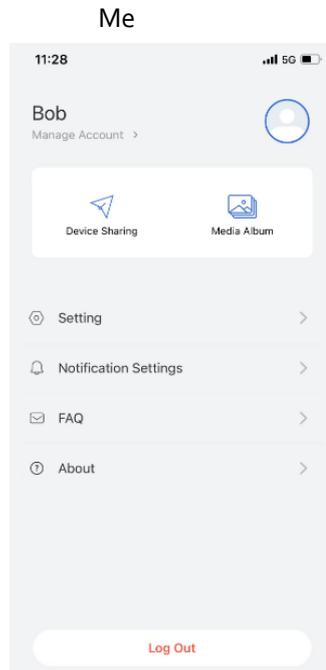
Step 2   Tap the alarm message, and then the **Related Video** screen opens. You can view the playback when the alarm is triggered.

Step 3   (Optional) You can tap ▽ to filter alarm messages by date, event type and channel.

10 Me

You can manage your account, configure the app and use the tools.

Me

Function Description

Name	Description
Account management	Tap **Manage Account** to go to the **Account Management** screen. ● View and edit personal information. ● Change the password of the user. Tap **Modify Password**, enter the old and the new password, and then tap **Done**. ● Delete the account. Select **Delete Account** > **Apply for Deletion** to delete the account. ● Export your account information. 1. Select **Export Account Information** > **Export**. 2. Enter your email address, and then tap **Next**. 3. Enter the verification code that received through your email. Use the verification code within 60 seconds of receiving it. Otherwise, the verification code will be invalid. 4. View the exported account information in your email. ● Tap **My QR Code** to view the QR code of your account. Tap **Save to Album** to save the QR code to your local album.
Log Out	Tap **Log Out** to log out current account.
Device Sharing	Sharing the specific device to other user.

Name	Description
Media Album	Snapshots and recorded videos are saved in **Media Album**. Also, you can share videos to others.
Setting	**Dark Theme**: Tap ⬭ to switch App to dark theme. You need restart the App to take effect for this change. **On-Screen Display**: **PTZ Speed**: Select the speed for the PTZ camera from 1 to 8. The higher the value is, the faster the PTZ moves. **Noise Reduction Setting**: The higher the NR level is, the better the noise reduction will be. You can select from **Level 1 NR** to **Level 5 NR**, and select **No NR** to disable the function. **Hard Decoding**: Tap ⬭ to enable the function, and then the performance of video stream will be improved. **Clear Cache**: Tap to clear cache.
Notifications	Enable/Disable Notifications function, and set the notification period
FAQ	View the normal questions and answers during using App.
About	View information on PRO-X NEXT, including the version, terms and conditions, open source library information and privacy agreement.

Appendix 1 Security Recommendation

1. **Account Management**
   a. **Use Strong Passwords**
      - The length should not be less than 8 characters.
      - Include at least two types of characters; character types include upper and lower case letters, numbers and symbols.
      - Do not contain the account name or the account name in reverse order.
      - Do not use continuous characters, such as 123, abc, etc.
      - Do not use overlapped characters, such as 111, aaa, etc.
   b. **Change Password Regularly**
      It is suggested to change passwords regularly to reduce the risk of being guessed or cracked.
   c. **Assign Accounts and Permissions Reasonably**
      According to business and management needs, reasonably add new users, and reasonably allocate a minimum set of permissions for them.
   d. **Enable Account Lock**
      The account lock feature is enabled by default, and it is recommended to keep it on to guarantee the account security. If an attacker attempts to log in with the wrong password several times, the corresponding account and the source IP address will be locked.
   e. **Set and Update Passwords Reset Information Timely**
      The platform supports password reset function. To reduce the risk of being attacked, please set up related information for password reset in time. If the information changes, please modify it in time. When setting password protection questions, it is suggested not to use those that can be easily guessed.
2. **Network Configuration**
   a. **Enable Firewall Allowlist**
      It is suggested to enable allowlist function to prevent everyone, except those with specified IP addresses, from accessing the system. Therefore, please be sure to add your computer's IP address and the accompanying equipment's IP address to the allowlist.
   b. **Network Isolation**
      The network should be isolated by partitioning the video monitoring network and the office network on the switch and router to different VLANs. This prevents attackers from using the office network to launch Pivoting attacks on the video monitoring network.
3. **Physical Protection**
   It is suggested to perform physical protection to the device that has installed the platform. For example, place the device in a special computer room and cabinet, and implement well-done access control permission and key management to prevent unauthorized personnel from carrying out physical contacts such as damaging hardware.
4. **Perimeter Security**
   It is suggested to deploy perimeter security products and take necessary measures such as authorized access, access control, and intrusion prevention to protect the software platform security.