



USER MANUAL

Contents

1	Network Configuration	1
	1.1 Access Device via WLAN	1
	1.2 Access Device via 2G/3G/4G Network	1
2	Install APP	2
	2.1 Android OS	2
	2.2 iOS	2
	2.3 Setting and Application	3
	2.3.1 Login	3
	2.3.2 Live View	4
	2.3.3 Remote Playback	11
	2.3.4 Remote Setting	13
	2.3.5 Local Setting	13
	2.3.6 Server List	15
	2.3.7 File Management	16
	2.3.8 Local Playback	17
	2.3.9 Push Setting	18
	2.3.10 Notifications	19
	2.3.11 Help and Feedback	19
	2.3.12 About	20

Mobile Surveillance

Nuvico Xcel Mobile is a new generation of independent research and development surveillance App designed for the mobile platform. This App enhances the interfacial design, function integration and technology optimization compared with the last version. Additionally, it is compatible with the latest Nuvico Xcel series NVR platform.

Main Features:

- Re-designing the interface makes the operation easier and the interface look better.
- The P2P connection makes the connection faster and more stable.
- Supports H.264/H.265 decoding.
- Gesture lock makes the surveillance system safer.
- Supports push settings and notifications.
- The functions of sharing to third party apps or platforms, including screenshot sharing, device sharing, Dropbox sharing, downloading address sharing and email sharing, help to approach each other anytime and anywhere.
- Supports notable features, ex., device preview, remotely playing back multiple channels and many convenient gesture operations.
- Supports fisheye mode preview (only available for Nuvico Xcel series fisheye IP cameras).
- Supports search face image by image (only available for Nuvico Xcel series IP cameras that have face recognition).

1 Network Configuration

1.1 Access Device via WLAN

- ① Connect device (IPC/DVR/NVR) via wireless router. Then check DHCP both in router and device to automatically obtain IP address or enter the IP address manually.
- ② Use WIFI function in your mobile phone to connect the wireless router.
- ③ Add the IP address and port of the device or scan the QRCODE of the device to add the device in the mobile phone surveillance client.

Note: Make sure your phone network and device network are in the same network segment on LAN.

1.2 Access Device via 2G/3G/4G Network

- ① Set up the device (IPC/DVR/NVR) network. Please go to the network setup interface of the device.
 - If you use PPPoE to connect device, please enable PPPoE and enter username and password received from you ISP in the network interface. Then click “Apply”. If you want to utilize

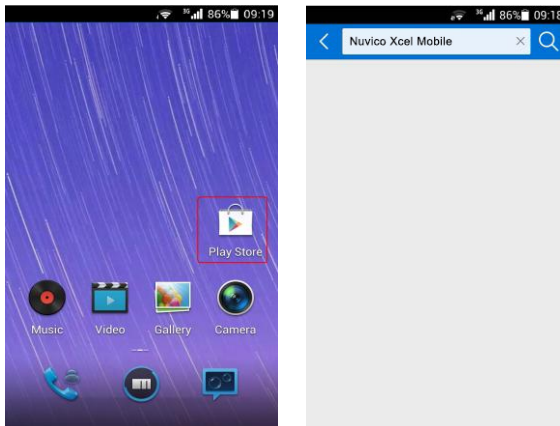
dynamic domain name, please apply for a domain name in a DNS server supported by the device.

- If you have a static WAN IP address, please go to network setup interface to enter your IP address, gateway and port.
 - If you use LAN IP address, please go to network setup interface to enter your IP address, gateway and port and then forward the IP address and port number in a virtual server setup of the router or virtual server (If you have enabled the UPnP function in both the device and router, you can skip this step). Port forwarding settings may be different in different routers and servers. Please refer to the router's manual for details. After you forward your LAN IP address and port, please check the WAN IP address in the router or server.
- ② Add the WAN IP address or domain name of the device or scan the QR CODE of the device to add the device in the mobile phone surveillance client.

2 Install APP

2.1 Android OS

- ① Open the "Play Store".
- ② Search "Nuvico Xcel Mobile".

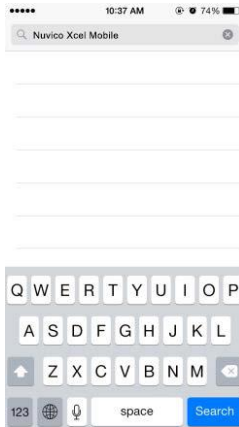


- ③ Click on the "Nuvico Xcel Mobile" app to download the app.
- ④ Once the app finishes downloading, the software will be installed automatically.

2.2 iOS

- ① Open the "App Store" as shown in the figure on the left.
- ② Search "Nuvico Xcel Mobile".

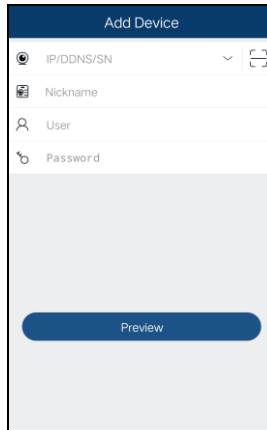
Mobile Surveillance User Manual




- ③ Install the Nuvico Xcel Mobile App.
- ④ Input your iTunes Store password and then click “OK”. The software will be installed automatically.

2.3 Setting and Application

2.3.1 Login



➤ Login by scanning the QR CODE

Click  to scan the QR CODE of the device through your mobile phone, and then it will automatically obtain the devices serial number. After manually inputting nick name, user and password, click “Preview” button to go to the live interface.


Note: If the device and the mobile client are in a different network segment, the device shall support QR CODE and enable the NAT.

➤ Login by domain name or IP Address

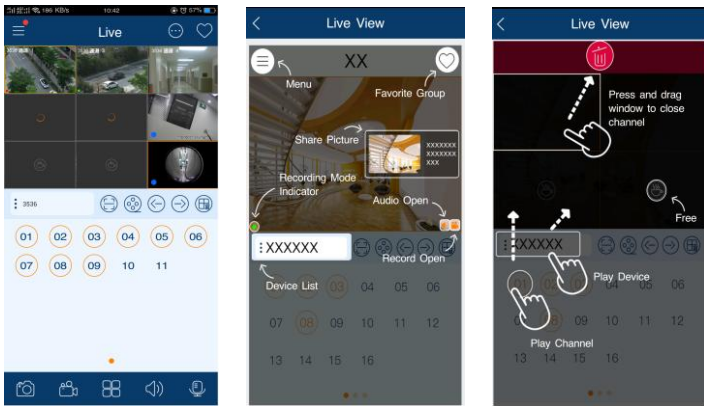
- ① Input IP address/domain name, nick name, user and password.
- ② Click “Preview” to go to the live interface.

Domain name/IP Address: WAN IP address (or domain name) plus HTTP port of the device. For example: 210.21.186:89 or 123.xcelddns.com:89.

User and Password: Enter the login user and password of the device. The default user name is *admin* and the default password is *123456*.

Note: To search and add the device in the same network segment, click  button.

2.3.2 Live View



Close channel preview: Drag the window to the deletion button to close the channel preview.







Channel preview: Choose a window and click the channel number to preview the channel.

Device preview: Choose a device name and drag it to the window area. Then it will play according to the following rules.















- 1) If the channel quantity is less than or equal to the current screen display mode, all channels of the device will be previewed in the current screen display mode.
- 2) If the channel quantity is more than the current screen display mode and the current screen display mode is more than 9, the channel of the device will be previewed in the current screen display mode.
- 3) If the channel quantity is more than the current screen mode and the current screen display mode is less than or equal to 9, it will play as the following rules. a) if the channel quantity is more than or equal to 9, 9 channels of the device will be previewed; b) if the channel quantity is less than 9, all channels of the device will be previewed.

Channel indication light in the live interface.

- : Initial state.
- : Sensor alarm/sensor alarm based recording

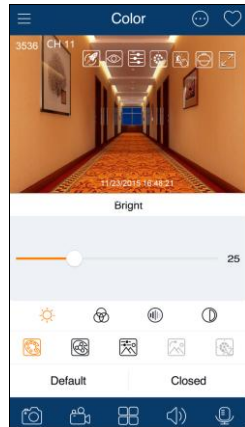
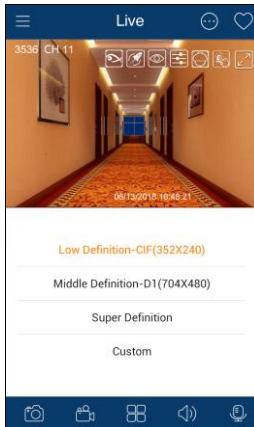
-  : Manual recording
-  : Intelligence alarm based recording
-  : Motion alarm/motion alarm based recording
-  : Schedule recording
-  : Video loss alarm
-  : Other state

Icons in the live interface

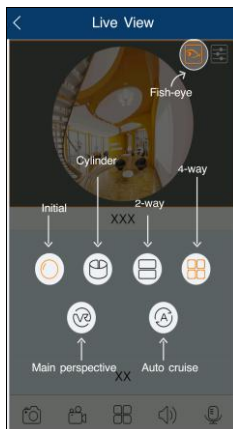
-  : Click it to go to remote setting, local setting, sever list, file and so on.
-  : Click it to go to the following interfaces -adding new members, search by image, search by name. (The added device must support face detection function, or this function is not available).
-  : Click it to collect or play the favorite group.
-  : Idle mode.
-  : Click it to scan QR CODE.
-  : Remote playback. Click it to play the record saved in the HDD(s) of the device.
-  : Click it to play the previous channel group.
-  : Click it to play the next channel group.
-  : Close all previews (only available for iOS)
-  : Snap. Choose the channel and click it to capture the channel image.
-  : Open/close the local record.
-  : Click it to choose 1/4/9/16 screen(s) display mode. Click and hold it to choose more screen display modes.
-  : Open/close the audio.
-  : Open/close two-way talk.

It will go to the single channel display mode by double clicking one channel. After clicking this single channel, the following icons will be displayed.

Mobile Surveillance User Manual



: Fisheye mode. This icon appears only when this channel is a fisheye camera. Click this icon to go to fisheye display mode as shown below. Different view modes can be selected in this interface.



: Open/close speed-up function. If enabled, more fluent video can be acquired.

Note: This function is available for the device with the resolution of 720p or above and this device must be decoding by hardware. (This icon will be unseen in portrait mode if the resolution of the device is less than 720p.)



: Click it to choose the definition of the current image.



: Click it to adjust the image. The brightness, white balance, sharpness, image mirror and zoom can be set.

Mobile Surveillance User Manual



: Zoom adjustment (this function is only available for cameras with motorized lens).



: Click it to go to PTZ mode. You may control the PTZ by sliding the screen.

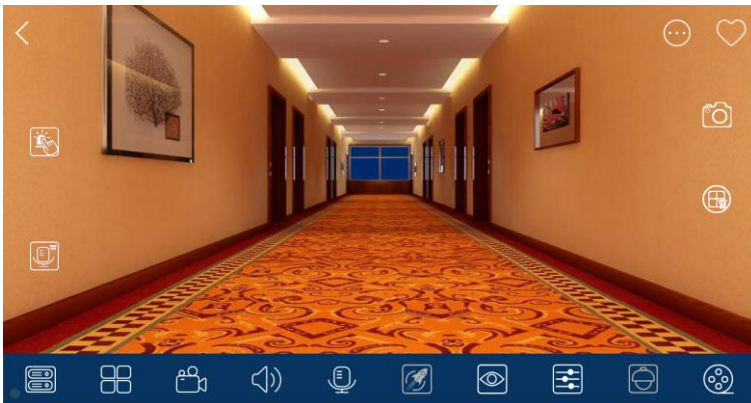


: Full screen.



: Click it to start alarm.

Turn your phone and make the live image display in landscape mode or go to the full screen mode. Then the following icons will be displayed by clicking the current image.



: Click it to choose the channel.



: Click it to choose the screen display mode. More different screen display modes can be selected by clicking and holding it.



: Open/close the local record.



: Open/close the audio.




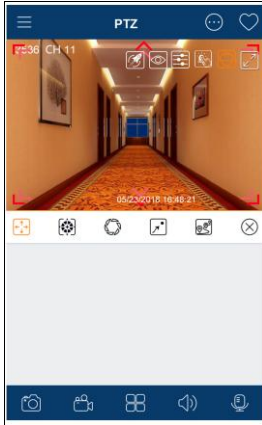
: Open/close two-way talk.



: Remote playback.


● PTZ Control

The added device must support PTZ function, or PTZ mode cannot be enabled. Click  button to see the following image.




Control the PTZ by sliding the image in direction of the arrow marked on the image. The PTZ will automatically focus on the little red circle by clicking the image. Then the 3D function can be enabled (the added device must be support 3D function, or this function is ineffective).

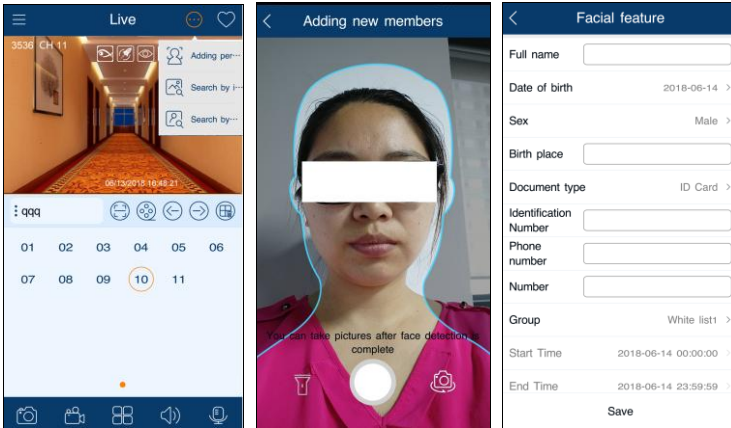
● Face Search

In the live interface, click  to select “Adding new members”, “Search by image” or “Search by name”.



1. Adding new members

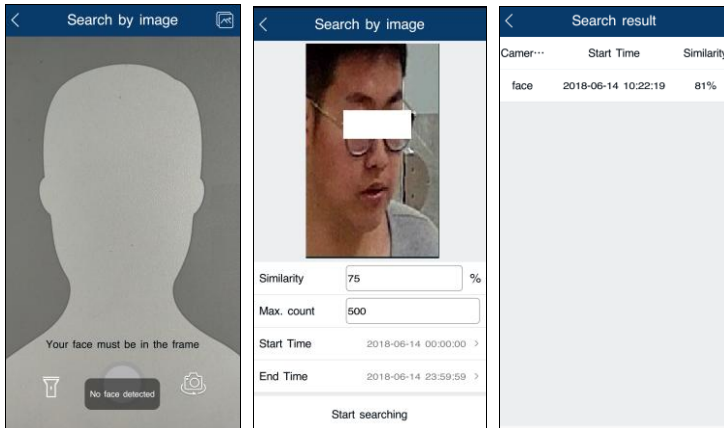
- ① Click  and select “Adding new members” to go to the following interface.
- ② Take a snapshot of a person.
- ③ Fill in the relevant information of the person and save it.


Mobile Surveillance User Manual

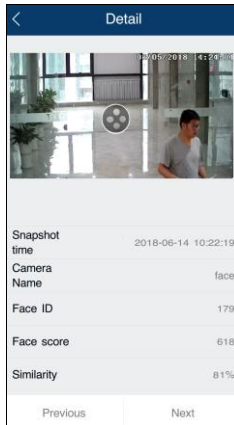


2. Search by image


- 1 Click  and select “Search by image” in the live interface.
- 2 Take a photo of a person or click  to select a face in your album.
- 3 Set the similarity, max. count, start and end time.
- 4 Click “Start Searching” to search the result.

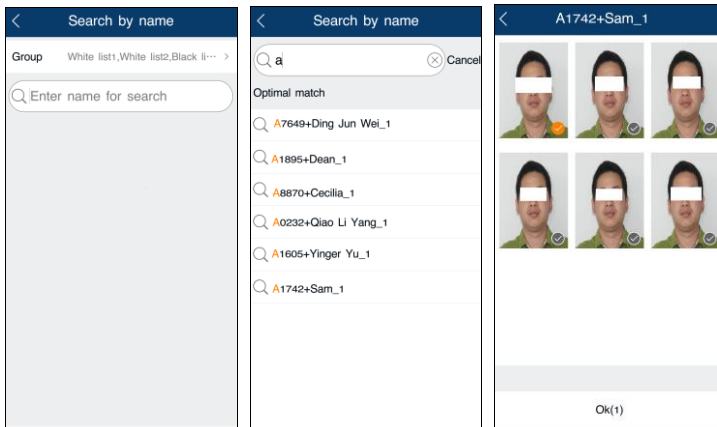



- 5 Click the searched result to view the details, including snapshot time, camera name, face ID and so on.
- 6 Click  in the middle of the image to play the record.



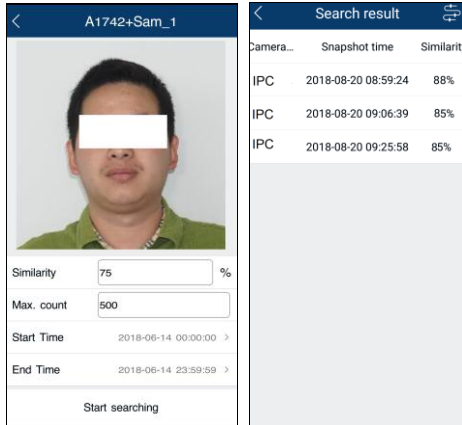
3. Search by name

- 1 Click  and select “Search by name” in the live interface.
- 2 Select the relevant group and then enter the name you want to search.
- 3 Click the searched name and then choose a face.






- 4 Set the similarity, max. count, start and end time.
 - 5 Click “Start Searching” to search the result.
 - 6 Click the searched result to view the details, including snapshot time, camera name, face ID and so on.
- Note:** If just one face picture is selected to search the result, the trajectory tracking information can be viewed in the search result interface.
- 7 Click  in the middle of the image to play the record.

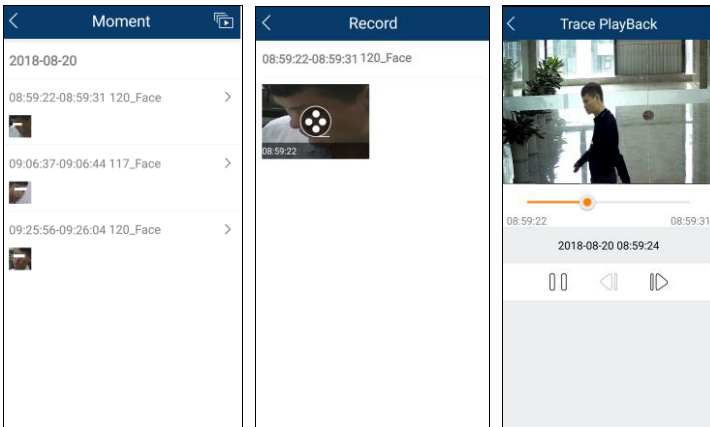
Mobile Surveillance User Manual




Trajectory tracking:

Click  to view the target in different places. Click one file and click  button to play the record. Note that the next trace will be automatically played.

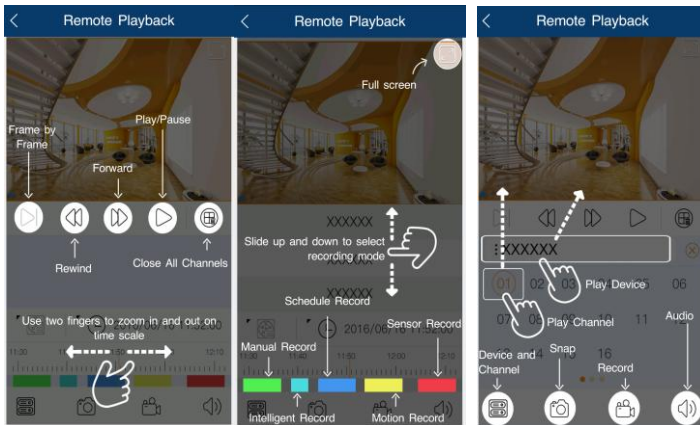
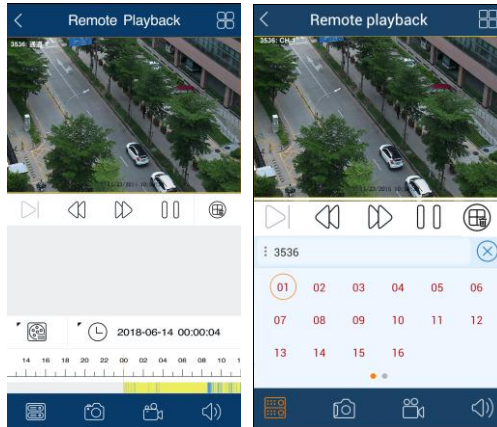
Click  to play all trace records automatically.



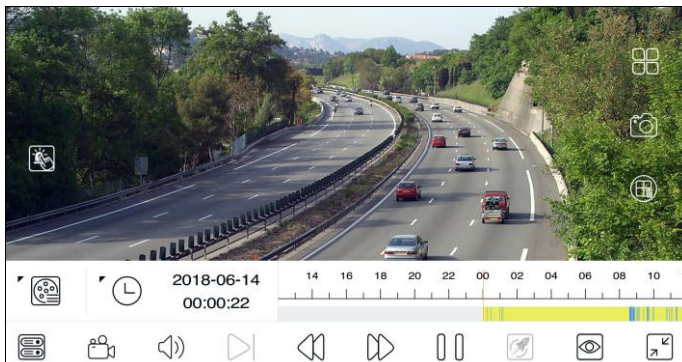
2.3.3 Remote Playback

Click  icon in the live interface to remotely play the record saved in the HDD(s) of the device.

Mobile Surveillance User Manual



Control the playback by using the buttons mentioned above. Then turn your phone sideways to make the remote playback display in landscape mode.





: Choose the recording mode.



: Click it to choose date.



: Click it to choose the channel.



: Open/close the local record.



: Open/close the audio.




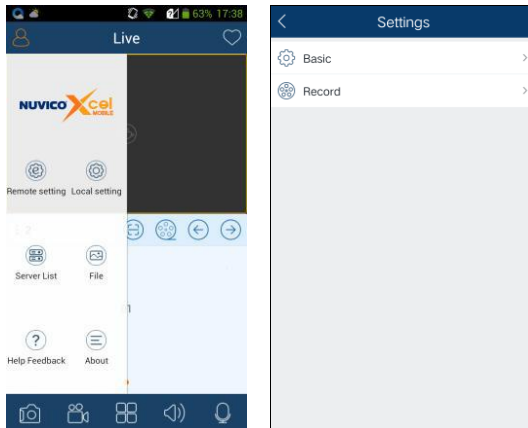
: Click it to choose the definition of the current image.



: Exit the full screen mode.

2.3.4 Remote Setting

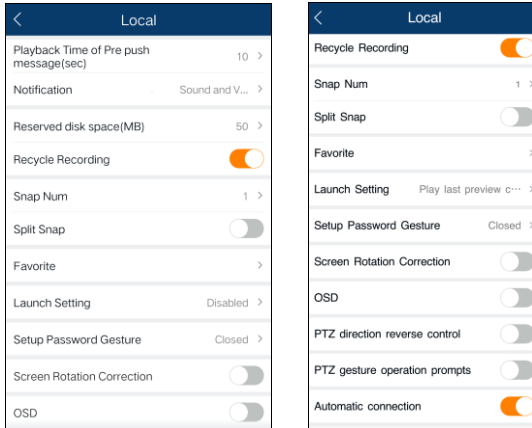
In the live interface, click  icon. This will bring the following menu setup items. Select “Remote setting” to go to the remote setting interface (Different devices have different remote setting items. The following pictures are for reference only).



Please refer to the user manual of the device to set the relevant items.

2.3.5 Local Setting

Select “Local setting” to go to the following interface. Slide down to see all setting items.



Receive Push Message: please enable or disable it as needed.

Playback Time of Pre push message (sec): Choose the time as needed.

Notification: You can choose “No Disturb” or “Sound and Vibration.”

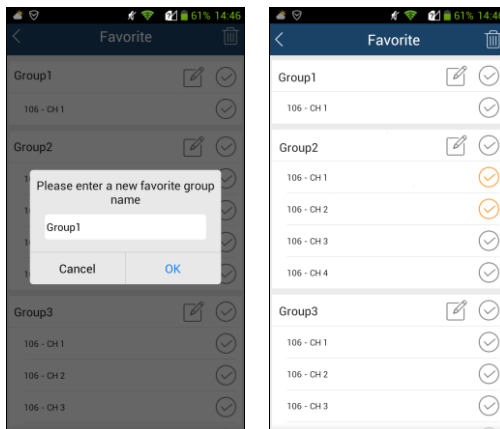
Reserved disk space (MB): 50/100/200/500MB can be optional.

Recycle Recording: Enable/disable record recycle. If enabled, the system will automatically delete the old records and recycle the space if it is completely utilized.



Snap num.: Set the number of snap.

Split snap: Enable/disable split snap.

Favorite: Set the favorite group here after you collect the favorite group.



Select the name of the favorite group and click  icon to modify the name of the favorite group.

Select the channel of the favorite group and click  icon to delete the channel. Select the group name and click  icon to delete all channels of the group.

Alarm: Set audio alarm and shake alarm. If audio alarm is enabled, sound alarm will be triggered when video loss/sensor/motion alarm occurs. If shake alarm is enabled, shake alarm will be triggered when video loss/sensor/motion alarm occurs.

Launch setting: Set to play favorite group or play device or play last preview channels after starting this software.

Setup Password gesture: For your client privacy safer, you can set password gesture.

Screen Rotation Correction: Please enable it as needed.

OSD: You can enable or disable the local OSD.

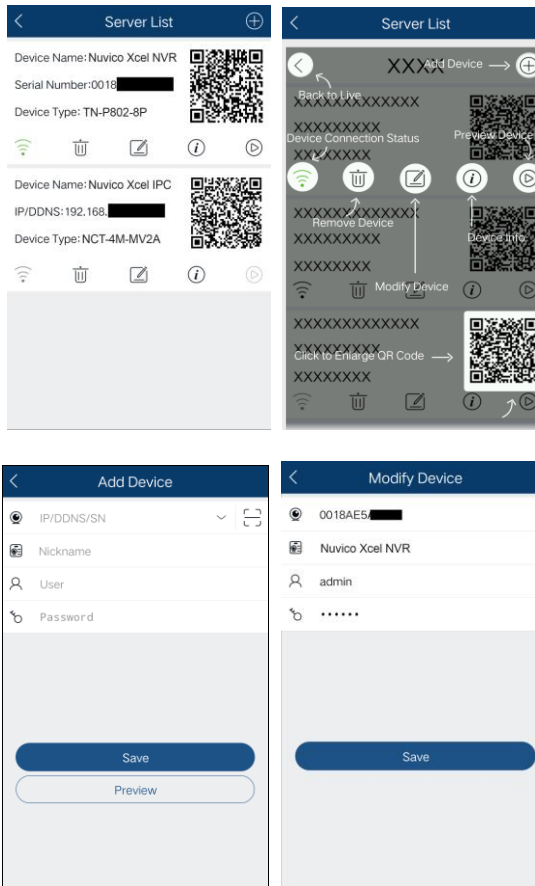
PTZ direction reverse control: Please enable it as needed.

PTZ gesture operation prompts: Please enable it as needed.

Auto connection: Enable or disable it as desired.

2.3.6 Server List

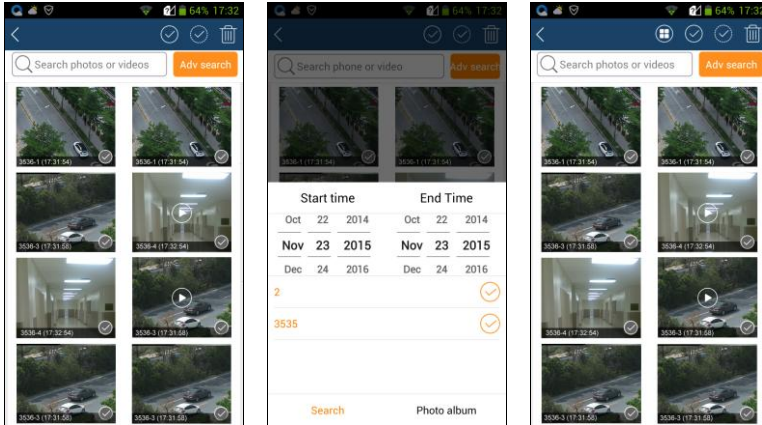
In the server list interface, you can add, modify and check the information of the device.



After you go to the server list interface, the added devices will be listed. Press and hold the QR CODE to share the device.

2.3.7 File Management

Go to the file interface as shown below.



You can select all pictures and videos, search by date and can also select one picture or video. Click “Adv search” to select pictures and videos of one device or multiple devices during a time period. Slide the timeline up and down to choose the start time and the end time. The black time is the specified time.

Icon Instruction:



: Return to the live view interface.



: Click it to display all pictures and videos. After getting the videos and pictures of one device by advanced search, the remaining pictures or videos can be displayed by clicking this icon.



: All selection.



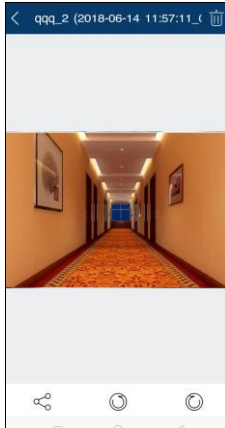
: Reverse selection.



: Delete.

Picture Preview:

Select one picture and click it to view this picture as shown below.



: Return to the previous interface.



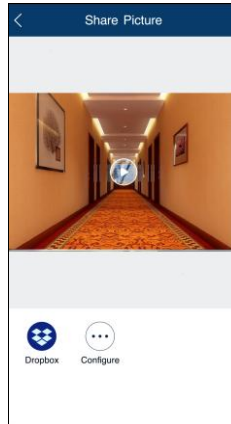
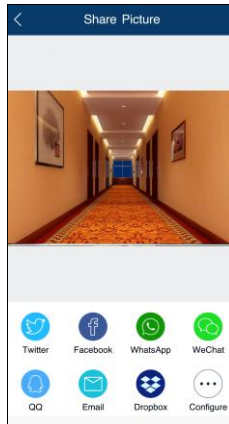
: Click this icon to rotate a picture to the left.



: Click this icon to rotate a picture to the right.



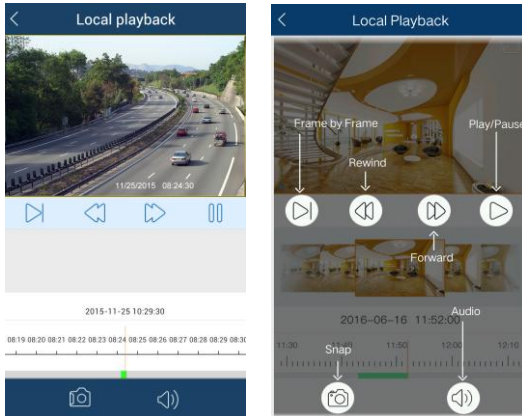
: Click this icon to share pictures on different social media platforms, like Twitter, Facebook, etc. Additionally, videos can be shared on Dropbox here.



: Click this icon to delete the picture.

2.3.8 Local Playback

In the file management interface, the local record file can be searched. Click the play button in the middle of the picture to play the local record file.

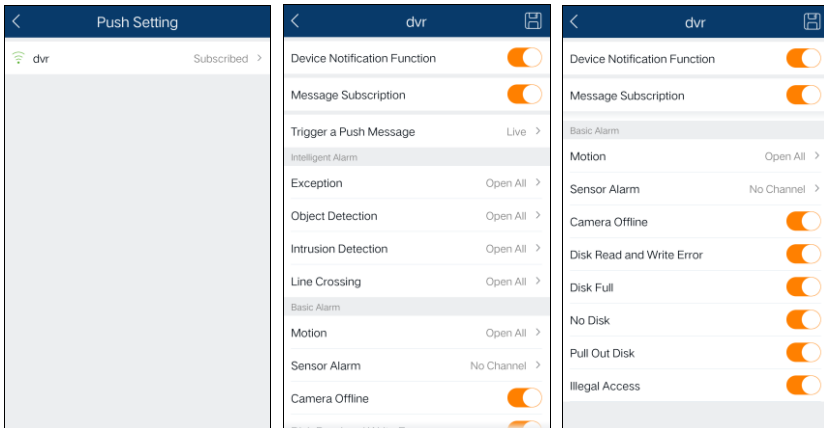


Slide the timeline to select the play time.

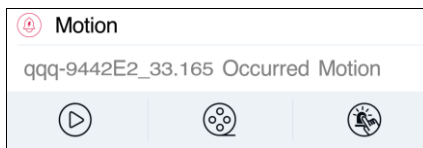
The green block indicates manual record. Turning your phone sideways can make the local playback display in landscape mode.


2.3.9 Push Setting


You can push the information of online devices as shown below.




When an alarm event happens, the alarm information will pop up as shown below.



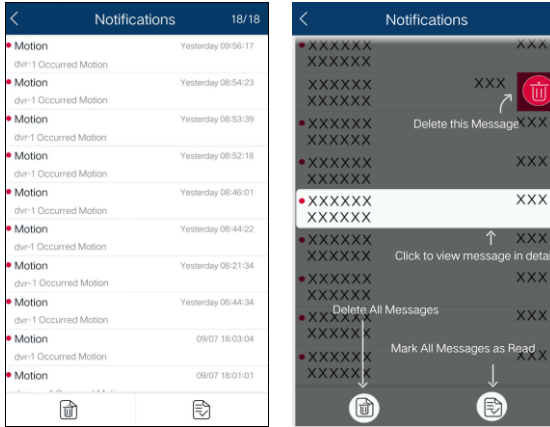
Click  to view the current video.

Click  to view the record.


Click  to set alarm out.

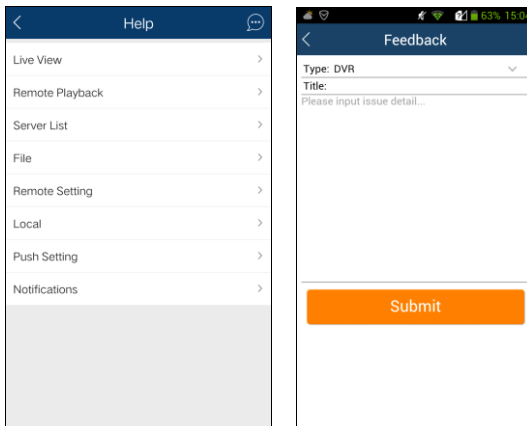
2.3.10 Notifications

After you enable the device notification function in Push Setting, you can receive the relative information.



2.3.11 Help and Feedback

You may view the help documentations in respect of live view, remote playback, server list, file, remote setting, local setting and so on in the help interface. If you have any suggestions or advice about the Nuvico Xcel Series product (DVR/IPC/App/...), please click  icon and submit information to Nuvico.



2.3.12 About

In this interface, you can check the information of the software version.

Choose Share APP and then press and hold the QRcode to share the information of the software. Click “Detect new version to find the new version.



Select “Rate the app” to give a score for the APP.

Bug Report: when the APP crash or failure occurs, you can choose this item and send the bug report to the technical support of the APP for quickly solving the problem.

To send a bug report:

- ① Click “User Experience Program” to agree the privacy statement.
- ② Click the log report to show a QRcode.
- ③ Save this QRcode and send it to the technical support of the APP.

Note: You also can click the “Send bug report” button to generate a bug report.