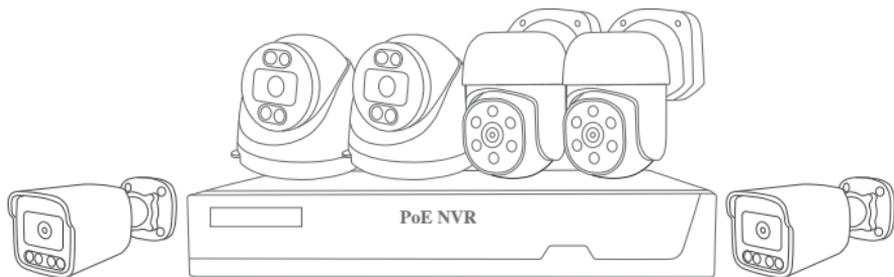


# PoE

## Network Video Recorder

### Quick Operation Guide



V2.0 EN20250227

For NVS005/NVS006

# Contents

## 1. Installation and connection

Camera installation method .....	03
NVR Connection .....	04
NVR hard disk installation .....	05
How to add a PoE camera .....	06

## 2. NVR System Settings

NVR system login .....	08
NVR system language and time settings .....	08
NVR Recording Settings .....	09
NVR Alarm Settings .....	10
NVR Copy Recording Settings .....	12
NVR video playback settings .....	13
NVR Camera Lighting Settings .....	14
NVR restore default settings .....	15
Guide to adding cameras in LAN without router .....	17

## 3. APP Usage Guide

APP download and login .....	18
Add the Device to App .....	19
How to set the time on the APP .....	20
How to set the light mode on the APP .....	21
How to use the APP to view video playback .....	22
How to use the APP alarm settings .....	23
How to set up human tracking(Only supported by ball cameras) .....	25
How to remotely reboot a device .....	25
How to set the video recording mode .....	26
How to change the administrator password .....	27
How to control the camera pan/tilt operation on the APP (supported only by ball cameras) .....	27
How to operate voice intercom on APP .....	28

## 4. Device sharing and management

How To Share The Device With Other Users .....	29
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## 5. Other FAQs

Solution for camera not displaying images .....	30
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# NVR Usage and Installation Precautions

## 1. Safety regulations

### (1). Electrical Safety:

Do not operate the power switch or plug or unplug the power cord with wet hands.

Use the original DC 52V/2.3A power adapter. (Non-standard power supplies may cause damage)

Professional lightning arresters need to be installed in areas with frequent lightning. (Such as surge protectors)

### (2). Physical protection:

Do not place liquid containers on the device. (Prevent short circuit/fire)

Avoid direct sunlight/strong light. (May affect screen display)

Keep the device ventilation holes clean. (It is recommended to clean dust every month)

## 2. Wired distance description

This NVR supports 4/8/16-channel PoE power output, with a maximum transmission distance of 150 meters under ideal conditions; ensure stable line connection during wiring to avoid lines that are too long or interfered with and affect device operation.

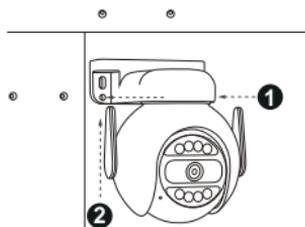
## 3. Check the list of items

Please check the list of items carefully before use.

Basic product specifications	
Product Type	16-channel HD PoE surveillance kit
Network	RJ45 connection, support APP remote simultaneous viewing
Product Size	253mm*210mm*45mm (Host)
Usage Environment	Working Temperature: -10 C -50 C
	Operating Temperature: 10%-90%RH
Power Supply	DC 52V/2.3A

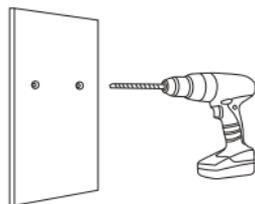
# 1. Installation and connection

## Camera installation method:

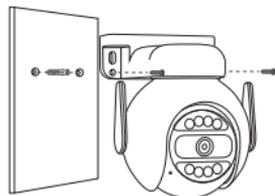


1. The camera provides two installation methods: wall-mounted or ceiling-mounted. You can choose the most suitable solution according to the actual environment.

**Special note:** If installed on a wooden wall, no drilling is required. You can directly use an electric drill or screwdriver with screws to fix it.

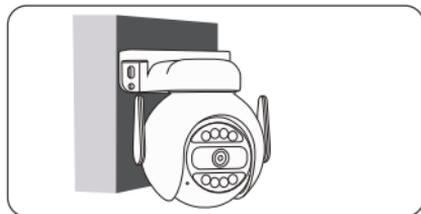


2. If installing on a concrete wall, drill two holes with a diameter of 6mm and a depth of 25-35mm on the ceiling or wall, and use a hammer to insert the green expansion bolts to fix them.

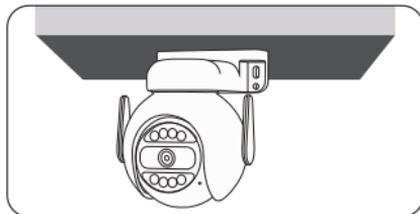


3. Then use an electric drill or screwdriver with screws to securely fix the camera.

Wall-mounted

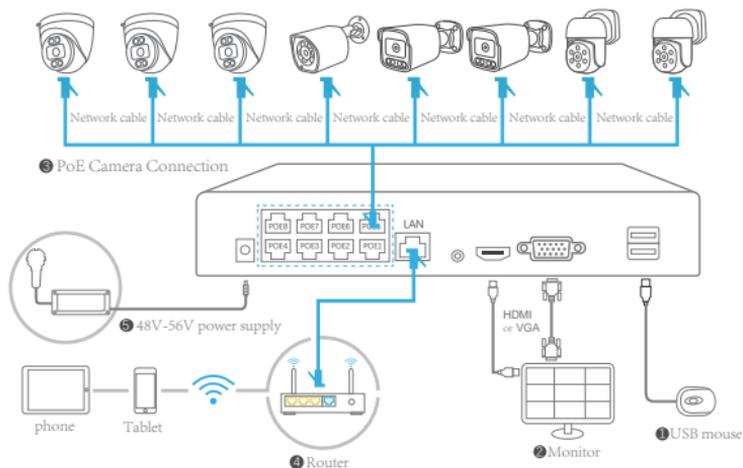


Mounting on the ceiling



## NVR Connection

1. Use an Ethernet cable to connect the PoE camera to the PoE port of the NVR.
2. Use an Ethernet cable to connect the LAN port of the NVR to the router (not the PoE port).
3. First plug the DC port of the power supply into the back of the NVR, then plug in the power plug! Please use the standard 48V-56V power supply. (Other power supplies are strictly prohibited)
4. Connect the NVR to the monitor using an HDMI or VGA cable and follow the prompts to complete the configuration.



**1-2. When the device is connected and powered on, After successful booting, the camera image will automatically be displayed on the monitor. (Default password: 888888)**



### Notice:

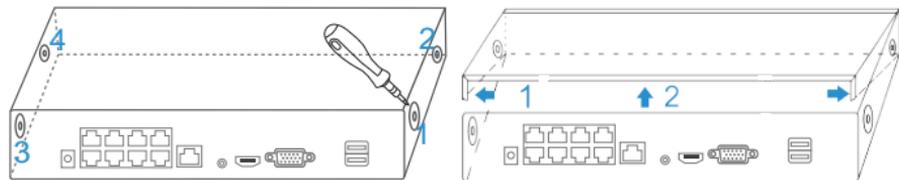
- A: For distances of  $\geq 80$  meters, Category (Cat6a/Cat6) or higher cables must be used. (The longest recommended distance is  $\leq 150$  meters)
- B: If the camera does not produce images normally after installation and connection, please refer to FAQ (page 30).
- C: The lower right corner of the display shows . Indicates connected to the Internet; show  Please check your network connection.

## NVR hard disk installation

If the product you purchased does not come with a hard drive, please purchase a 3.5-inch SATA mechanical hard drive. The maximum capacity of a single drive is 16TB.  
(Surveillance-grade hard drives are recommended)

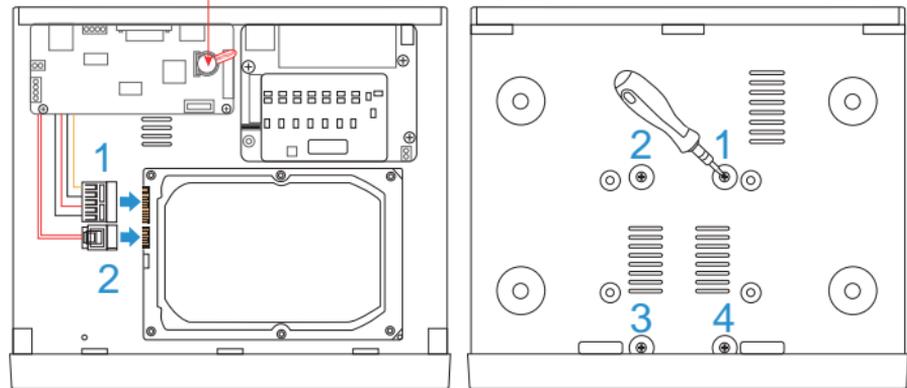
Note: Please disconnect the power supply of the device and wait for more than 5 minutes before installation to avoid hardware damage caused by power-on operation.

### Install HDD for NVS005/NVS006:



- (1) Loosening the screws on the panel's rear and side.
- (2) Remove the cover from the NVR.

If there is an insulating sheet on the battery, please remove the insulating sheet first



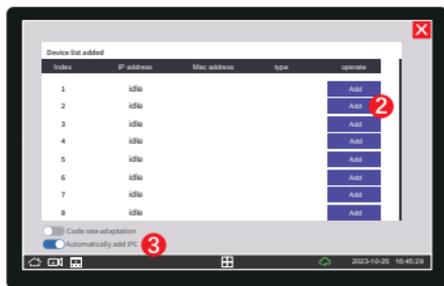
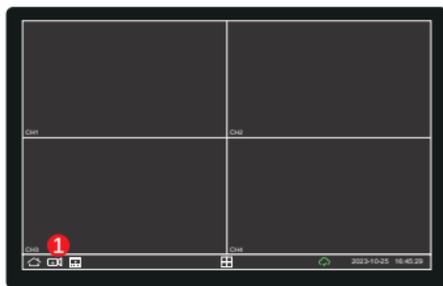
- (3) Insert a hard drive with a SATA interface.
- (4) Connect the data cable and power cable to HDD.
- (5) Fasten the screws on the bottom to fix the HDD.
- (6) Re-install the cover of the NVR and fasten screws.

# How to add a PoE camera

## Method 1: PoE Camera Automatic Configuration

- (1). Use a standard network cable (Cat5e/Cat6) to directly connect the NVR host to the PoE camera.
- (2). Confirm that the NVR is connected to the router (automatic IP address assignment function)
- (3). Confirm that the switch/PoE port indicator is always on (green indicates normal power supply status).
- (4). The device automatically completes initialization configuration within 30 seconds after power is turned on.
- (5). The real-time image of the matching PoE camera is automatically displayed on the NVR preview interface.

Note: If no image appears after powering on, click the  icon in the lower left corner of the surveillance monitor to open the screen for adding a camera, and turn on the automatic addition of IPC switch  Automatically add IPC



## Method 2: Add via LAN (Onvif network protocol camera)

This PoE NVR host can add and manage SriHome's wired network cameras with a resolution of less than 5 million and supporting Onvif network protocol. (RJ45 network port)

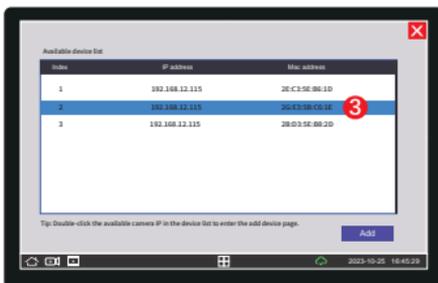
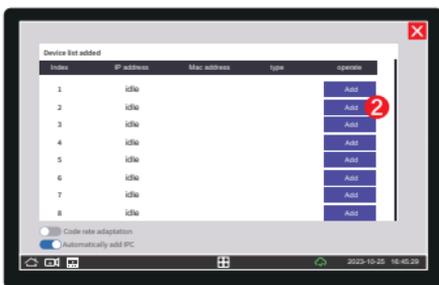
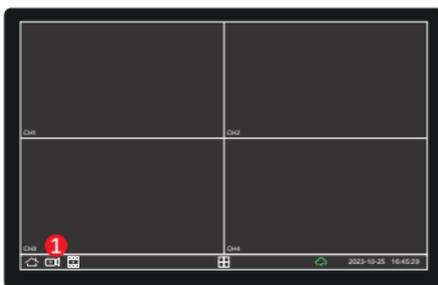
**Network connection:** Connect the camera to the same router or switch as the NVR host via an Ethernet cable.

**Equipment Search:** In the NVR's add camera interface, select the "Add" function to scan devices in the LAN.

**Camera selection:** Find the camera you want to add in the list of available devices and double-click it.

**Password input:** Enter the camera's password in the pop-up adding interface and confirm to complete the adding operation. (The default password is 888888)

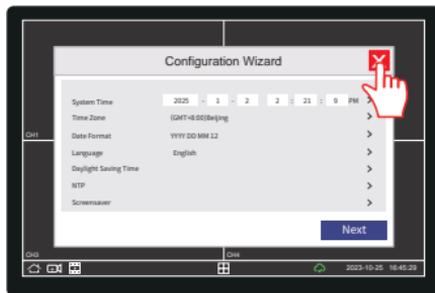
**Note:** Make sure the NVR and the camera are in the same LAN and the network connection is normal.



## 2. NVR System Settings

### NVR system login

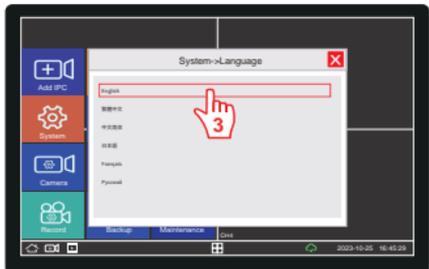
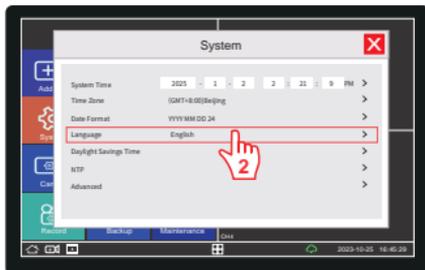
1. The user name is admin, the default password is 888888, then click "Login" to enter the NVR system.



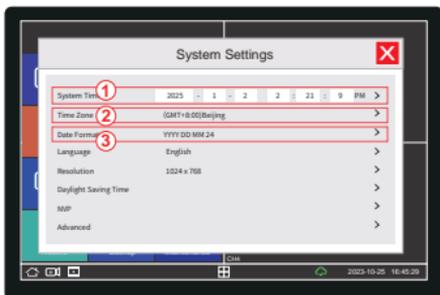
Note: The configuration wizard only appears when you log in for the first time or restart.

### NVR system language and time settings

1. Language settings: Click  -> System Settings  -> Language selection.



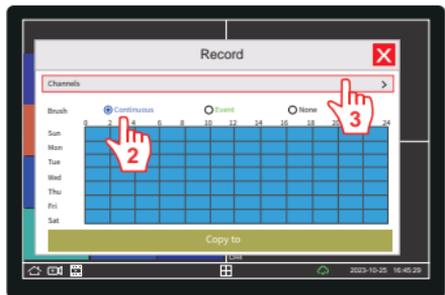
2. **Time settings:** Click  -> System Settings  -> Select your local time zone in the lower left corner to synchronize the time.



## NVR Recording Settings

Steps: Click  -> Recording Settings  (Scheduled Recording, Event Recording, No Recording) -> Select Channel.

**Note:** You need to install the hard disk before use. If the device you purchased does not include a hard disk, you can purchase and install it yourself. When using it for the first time, you need to format the hard disk.



**Tips:** What are the differences between scheduled recording, event recording and no recording?

**Continuous:** The default setting is 24-hour continuous recording (Blue).

Suitable for long-term monitoring of areas and uninterrupted recording of images.

**Event:** Linked with motion detection or pedestrian recognition function, recording only when an alarm is triggered (Green).

Applicable to saving storage space and only recording abnormal event fragments.

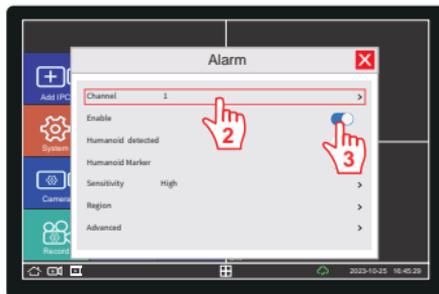
**None:** Manually set a non-recording time period (no color-marked area): Enter the recording plan interface, slide the screen to select a time period; Clear the color mark of the time period, which means that recording will stop during this period.

**Tip:** Different color blocks are convenient for quickly distinguishing the recording type (blue: timed / green: event). After modifying the recording plan, please save the settings to ensure that they take effect.

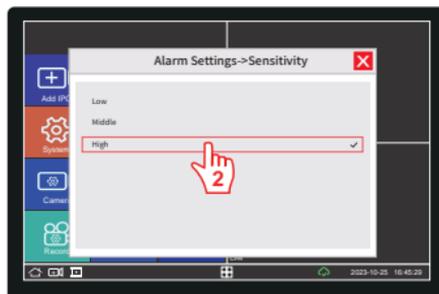
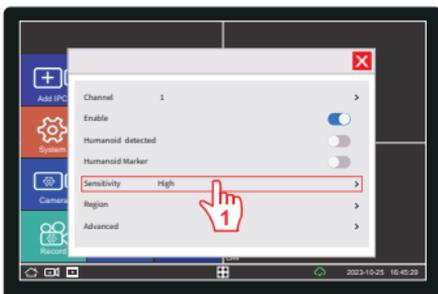
# NVR Alarm Settings

## 1. Motion detection alarm settings

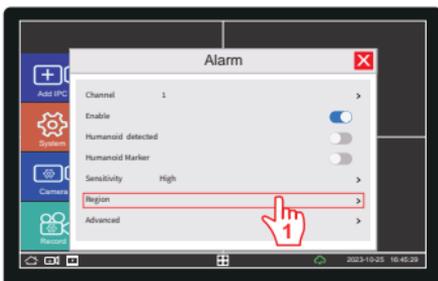
Step 1: Click  -> Alarm Settings  -> Select Channel -> Enable (enabled by default)



Step 2: Adjust the sensitivity. (The default is "High", the higher the sensitivity, the easier it is to trigger the alarm)

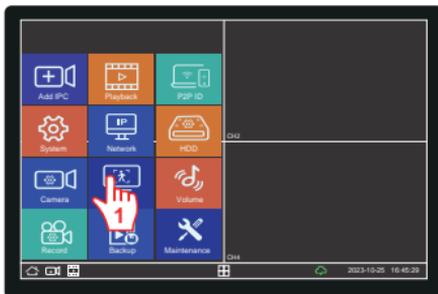


Step 3: Set the alarm area and trigger the alarm in the selected area. (The alarm range is fully selected by default. You can manually swipe the screen to set the alarm area. When using it, you need to turn off human recognition and human mark)



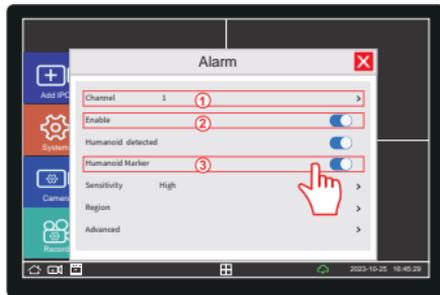
## 2. Human recognition alarm settings

Steps: Click  -> Alarm Settings  -> Select Channel -> Enable (enabled by default) -> Human Recognition (enabled by default)



## 3. Humanoid Marker Settings

Steps: Click  -> Alarm Settings  -> Select Channel -> Enable (default on) -> Human Marker (default off)

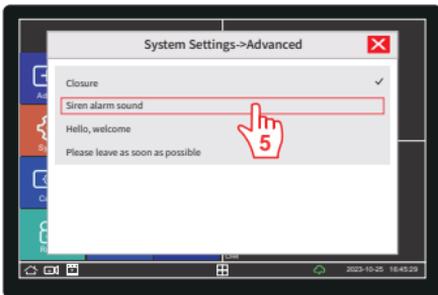
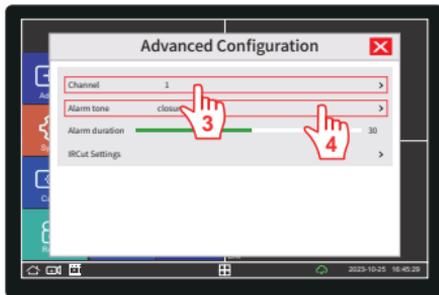
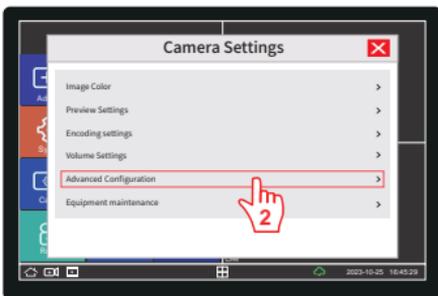


**Note: What is the difference between startup and human figure recognition and pedestrian marking?**

- 1. Start (motion detection):** Motion detection is a basic function that detects all moving objects.
- 2. Human figure recognition (human figure detection):** Human figure recognition is an advanced function that can accurately identify the human body and reduce false alarms.
- 3. Humanoid Marker (Humanoid Tracking):** Humanoid tagging is a tracking function, suitable for dynamic monitoring, and does not trigger an alarm.

## 4. Alarm sound settings

Steps: Click  -> Camera Settings  -> Advanced Configuration -> Select Channel -> Alarm Sound Prompt Tone (off by default), Only siren alarm sound is supported.

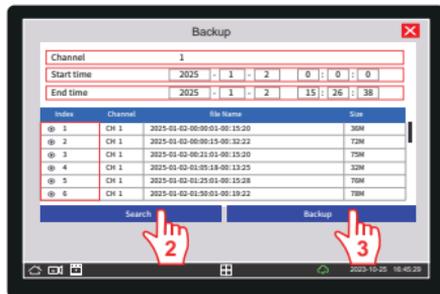
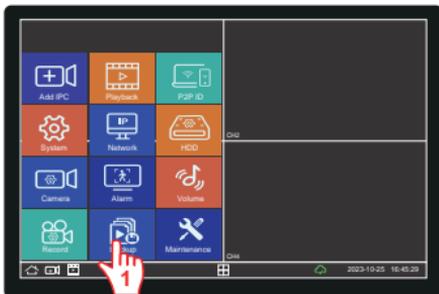


**Tips:** When used with motion detection and human recognition, the camera will sound a siren when the alarm is triggered.

## NVR Copy Recording Settings

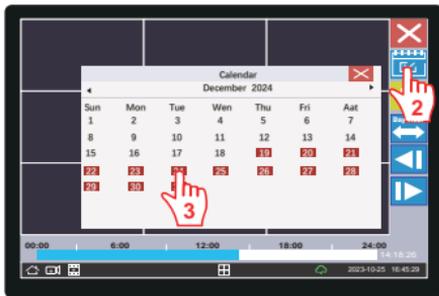
Steps: Click  -> Video Backup  -> Select Channel -> Select Start Time and End Time -> Click Query -> Select Video File -> Click Video Backup (Insert the USB flash drive into the USB port of the NVR, and select FAT32 as the USB format)

**Tip:** If the NVR has only one USB port, you need to prepare a USB expansion port for video backup. In order to successfully backup the video, please make sure that the USB storage disk has enough storage space (U disk format FAT32)



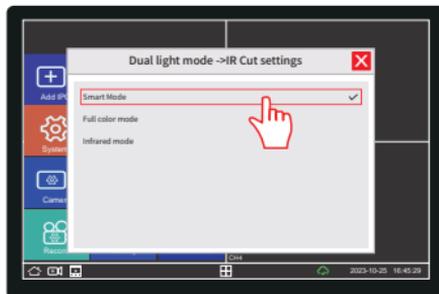
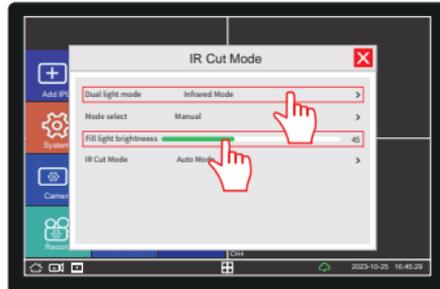
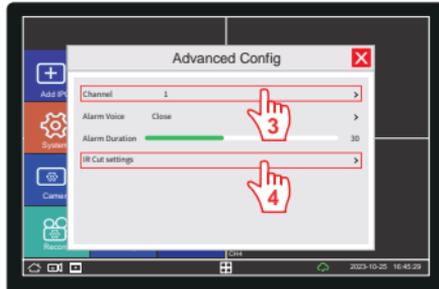
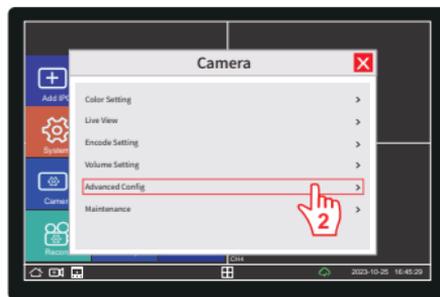
## NVR video playback settings

Steps: Click -> Video playback -> Select date in the lower left corner, double-click to enter, you can view the video playback under the current date, Select the video screen to watch and double-click to play. (A hard disk needs to be installed, the supported playback channels depend on the screens supported by the camera, and 16x fast forward playback can be performed)



# NVR Camera Lighting Settings

Steps: Click  -> Camera Settings  -> Advanced Configuration -> Select Channel -> IRCut Settings -> Dual Light Mode (Smart Mode by default) -> Mode Selection -> Fill Light Brightness (88 by default) -> IR Cut Mode (Soft Light Sensitivity Mode by default, does not support Day/Night Mode and Manual Mode).



## Tip: What are the differences among full color mode, smart mode and infrared mode?

**Full color mode:** The camera will automatically turn on the white light. The default time is from 17:00 to 8:00 the next day. If you need to turn it on all day, you can set it in the APP: Lighting Settings -> White Light Schedule -> 00:00-23:59

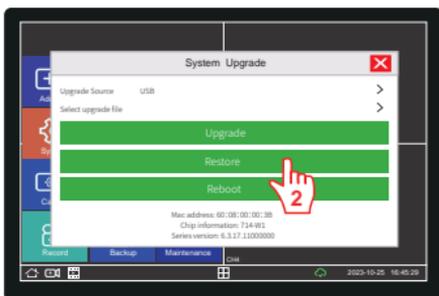
**Smart Mode:** At night, the motion detection and human recognition functions are linked. When the alarm is triggered, the camera will switch from infrared light to white light, which is mainly used for warning.

**Infrared Mode:** The infrared light is automatically turned on at night, and the picture is black and white.

## NVR restore default settings

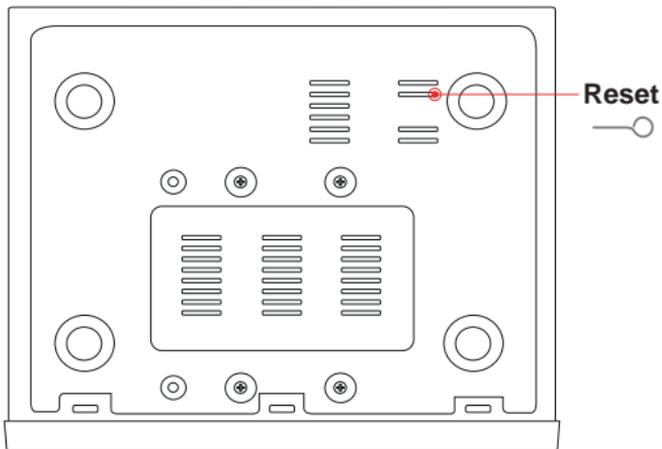
(The APP prompts that it has no permission to access the device or reset the administrator)

**Method 1:** Click  -> Device Maintenance  -> Restore Defaults -> Select the option to restore default settings (Other options are enabled by default) -> OK to restore to factory settings.



## Method 2: NVR hardware reset

1. Find the red reset button on the back or bottom of the NVR.
2. Use the reset pin to press and hold the red button for about 10 seconds. Release it after hearing a “ding” sound, indicating that the reset is successful.
3. The NVR will automatically restart. After the login interface is displayed, enter the default administrator password “888888” to log in.



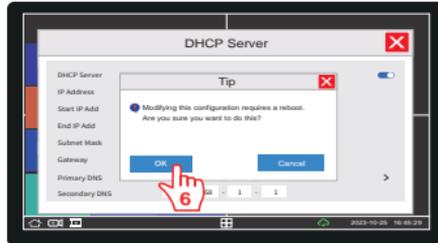
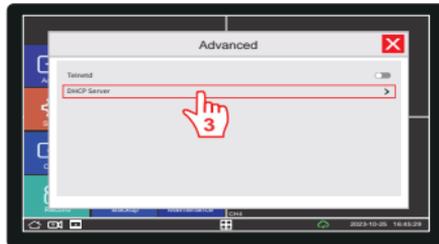
# Guide to adding cameras in LAN without router

Open Menu -> Network Settings -> Advanced -> DHCP Server -> Turn on DHCP Server -> Close the window -> Click OK -> Wait for the recorder to restart.

**Reason for enabling DHCP:** When DHCP is enabled, the POE recorder will assign a static IP address to the camera. The camera and host must be in the same network.

**Note:** In an external network environment, the DHCP service must be forcibly turned off.

This is because the external network may have its own DHCP server. If the DHCP service of the recorder is turned on, it may cause IP address conflicts and the camera cannot be searched.



**Note:** If the camera has been connected before operation, please disconnect and reconnect the camera.

# 3.APP Usage Guide

## 1. SriHome App Installation

Method 1: Scan the QR code to download “SriHome” App.

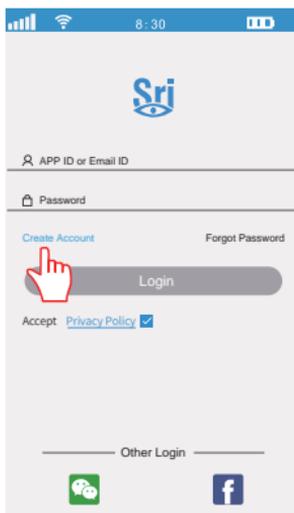
Method 2: Search“SriHome”on Google Play or iOS App Store.



## 2. Register & Login SriHome App

(1) Account registration: Create a SriHome account via email.

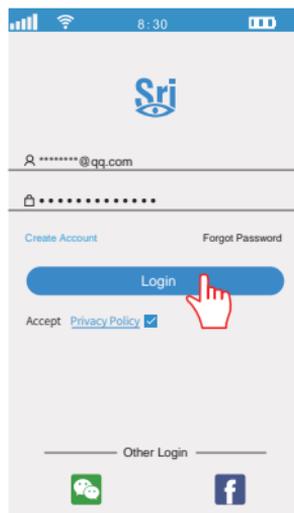
(2) Quick login: Supports direct login via WeChat/Facebook/Apple account.



2-1

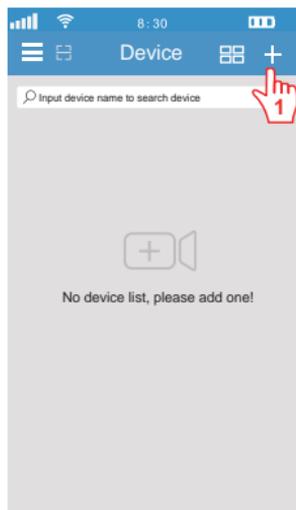


2-2

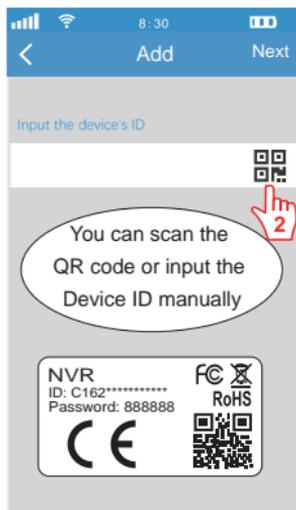


2-3

### 3. Add the Device to App



3-1



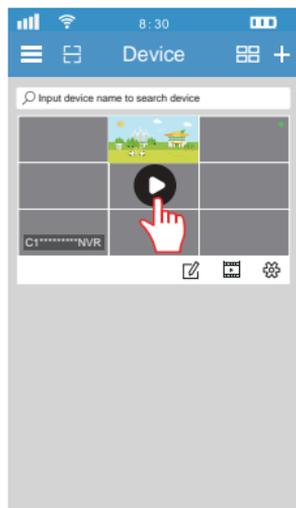
3-2



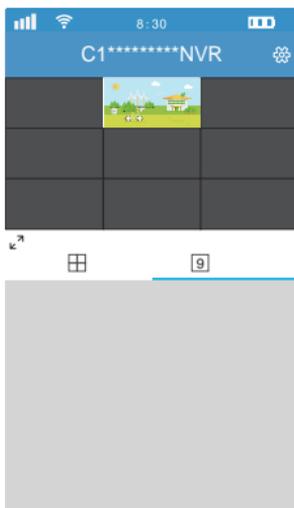
3-3



3-4



3-5

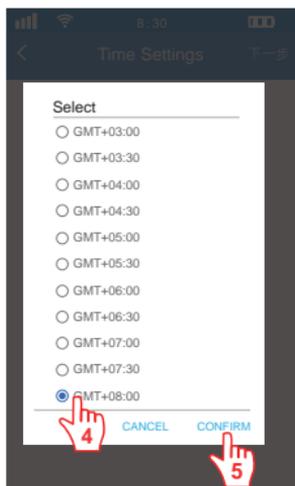
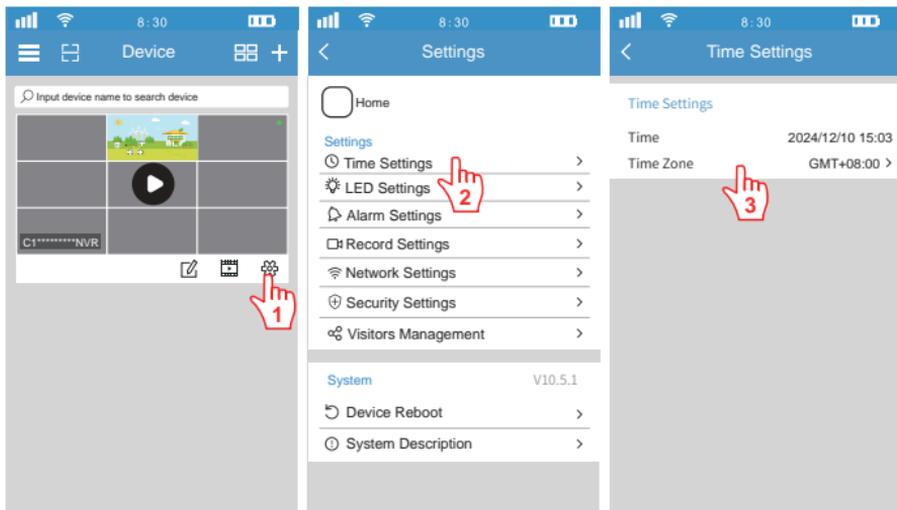


3-6

**Not:** For App remote access, the NVR must be connected to network.

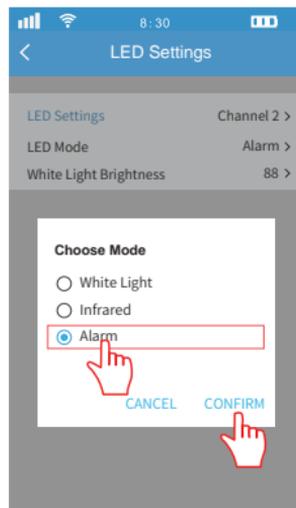
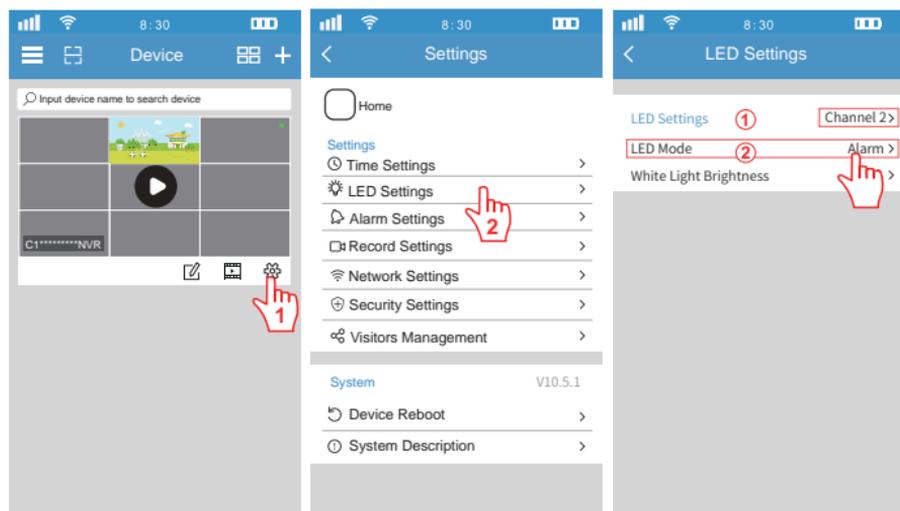
## 4. How to set the time on the APP

Open the app -> Settings -> Time Settings (select the corresponding time zone according to local time).



## 5. How to set the light mode on the APP

Open the APP -> Settings -> Lighting Settings (select the corresponding lighting mode according to your needs).



**Tip: What are the differences among white light mode, infrared mode and alarm mode?**

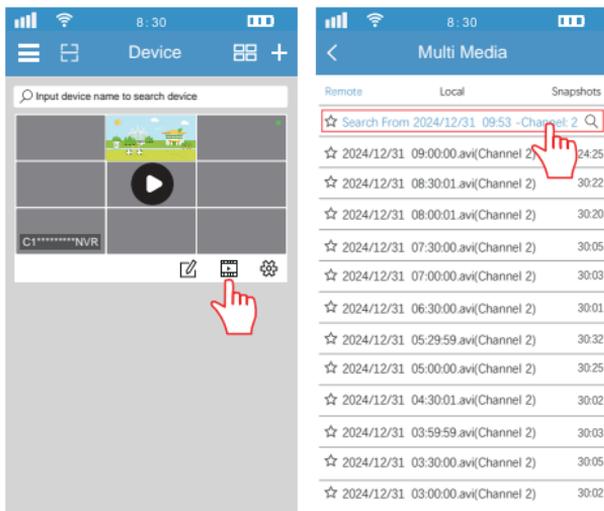
**White Light mode:** The camera turns on the white light from 17:00 to 8:00 the next day by default. If you need to turn it on all day, you can set it in the app: Lighting Settings -> White Light Schedule -> 00:00-23:59.

**Infrared Mode:** The infrared light turns on automatically at night and the picture is black and white.

**Alarm mode:** Turn on the motion detection and human recognition functions at night. When the alarm is triggered, the camera will switch from infrared light to white light, which is mainly used for warning.

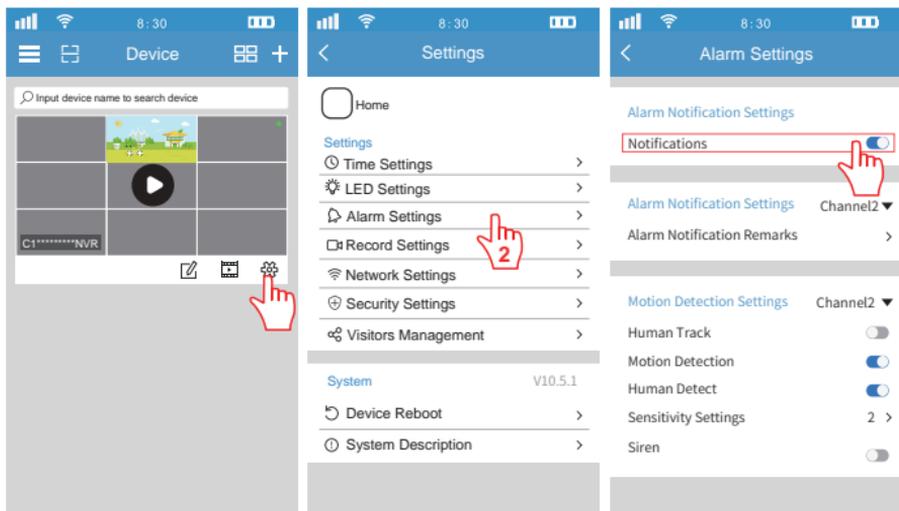
## 6. How to use the APP to view video playback

On the camera list page, click the playback icon to watch the playback, and search for video files by time. (Note: NVR needs to install a hard disk)

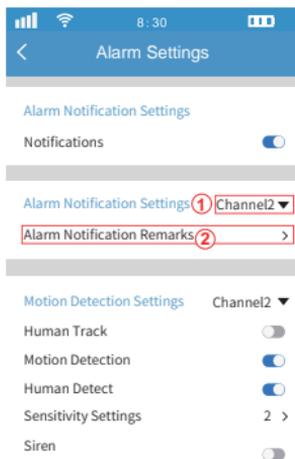


## 7. How to use the APP alarm settings

Step 1: Open the app -> Settings -> Alarm Settings -> Enable receiving alarm push information  
(the default is off, and the phone will receive an alarm prompt message when the alarm is triggered)



Step 2: Select Channel -> Alarm Notification Notes

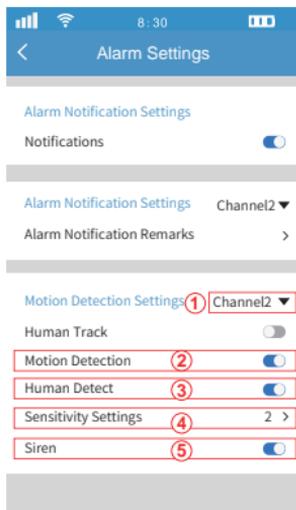


### Tip: What is the difference between motion detection and human detection?

**Motion detection (supports separate activation):** Any moving object (such as vehicles, animals, etc.) detected in the camera image will trigger an alarm. It can be used with alarm push information and alarm sound.

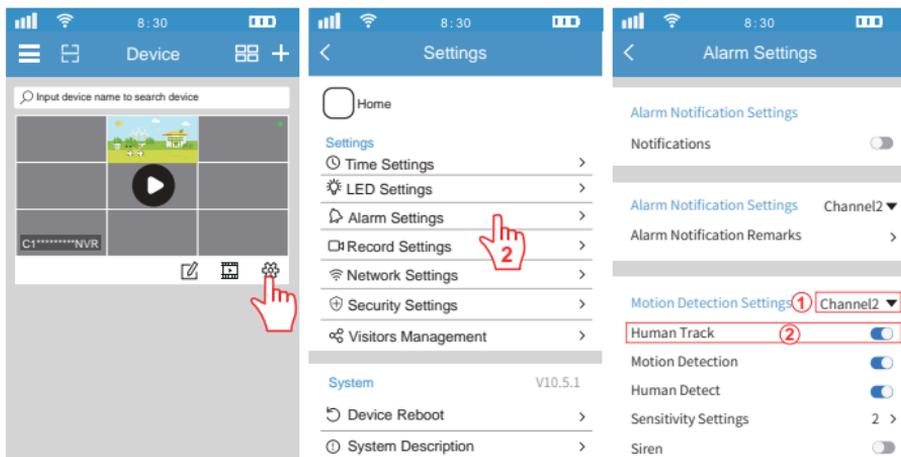
**Human detection (needs to be enabled together with motion detection):** The alarm is triggered only when human activity is detected in the camera image. It can be used with alarm push information and alarm sound to reduce false alarms.

Step 3: Select channel -> Enable motion detection and human detection (enabled by default) -> Sensitivity (default is 2, the higher the sensitivity, the easier it is to trigger an alarm) -> Alarm sound (disabled by default, the camera will sound a siren when the alarm is triggered)



## 8. How to set up human tracking (Only supported by ball cameras)

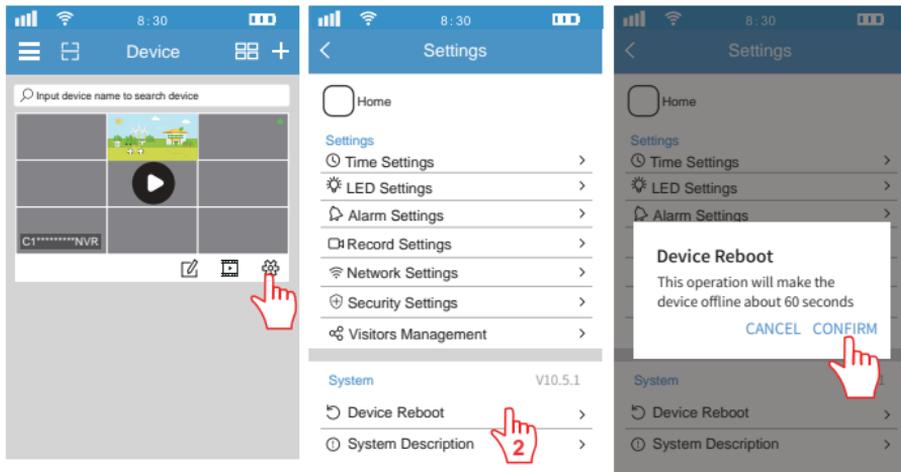
Open the APP -> Settings -> Alarm Settings -> Select Channel -> Enable Human Tracking  
(off by default, the camera will follow the person, only supported by dome cameras)



**Tip: The camera may not trigger an alarm after turning on human tracking.**

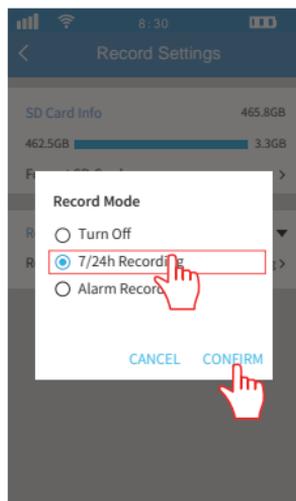
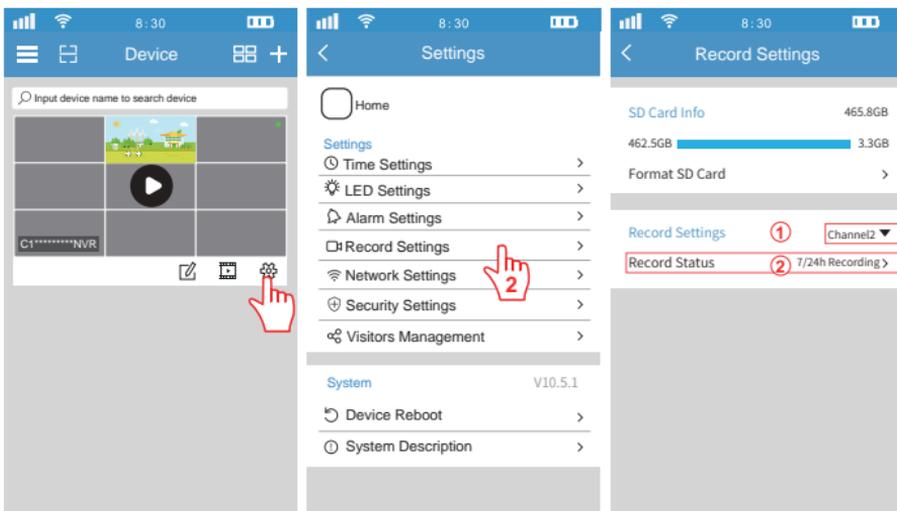
## 9. How to remotely reboot a device

Open the app -> Settings -> Device Restart (it will take about 1 minute for the device to restart)



## 10. How to set the video recording mode

Open the app -> Settings -> Video Settings -> Select Channel -> Video Mode.



**Tip: What are the differences between turning off recording, all-day recording, and alarm recording?**

**Turn Off:** When on, the camera will not record any video.

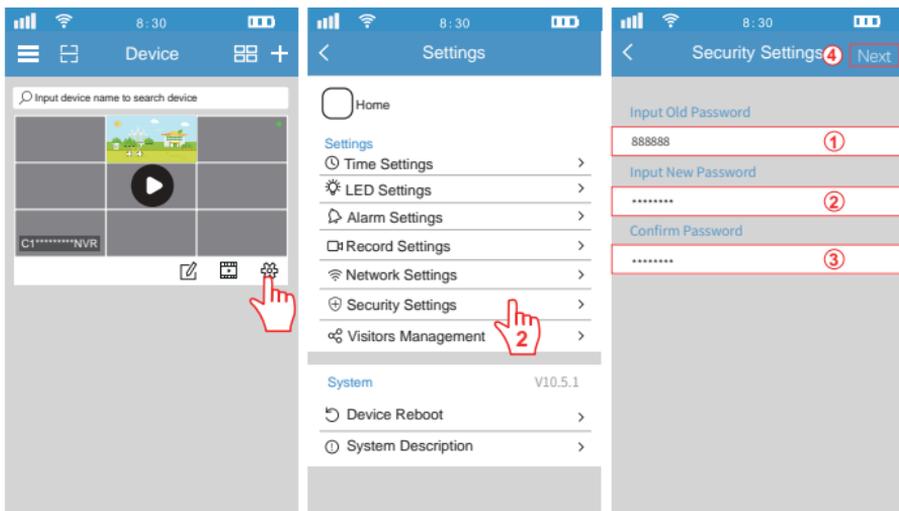
**7/24h Recording:** Once turned on, the camera will record continuously for 24 hours, and each video file is about 30 minutes long.

**Alarm Recording:** With the motion detection and human detection functions, it automatically records video when an alarm is triggered. Each video file is about 1 minute long.

## 11. How to change the administrator password

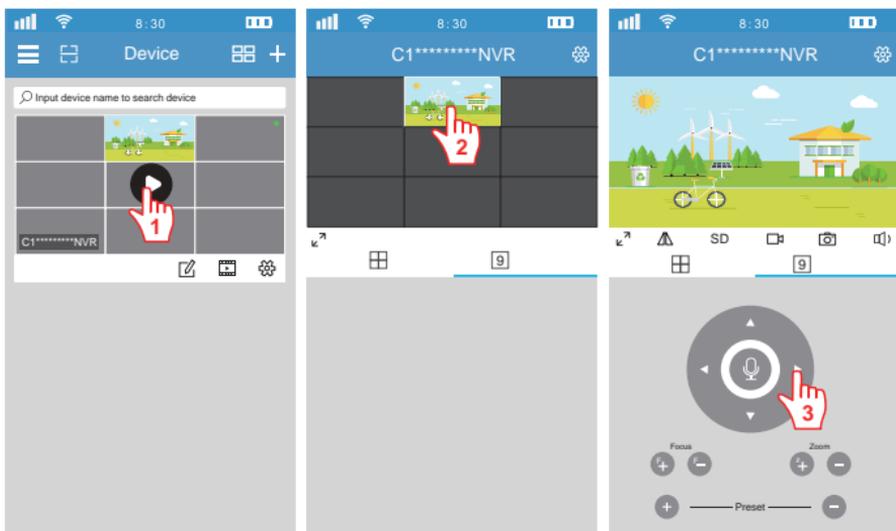
Open APP -> Settings -> Change device password (synchronize with NVR password change) ->

Original password (888888) -> Set new password -> Confirm password.



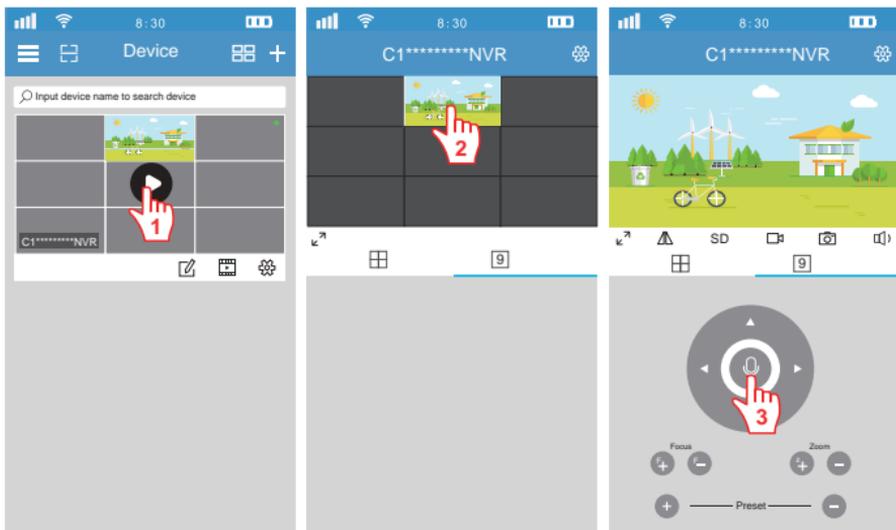
## 12. How to control the camera pan/tilt operation on the APP (supported only by ball cameras)

Open the APP -> click on the NVR screen -> double-click the screen where you want to control the camera rotation -> long press the direction key.



### 13. How to operate voice intercom on APP

Open the app -> click play -> double-click the screen -> long press the microphone (enable microphone permission on your phone)



# 4. Device sharing and management

## How To Share The Device With Other Users

The device supports multi-user viewing. Download SriHome App to register an account, and then the administrator can share permissions to watch.

**1. Administrator operation:** Log in to SriHome App, go to [Settings] and select [Visitors Management] > [Add] > Set Permission Type > Scan the App ID QR code of the new user (Figure 5), note the name, and click [Next] to complete. (Operator: can control the equipment; Visitor: can only view the screen)

**2. Authorized users:** Return to the APP monitoring interface and scroll down to refresh to view the monitoring (Figure 6)

**Note:** The device can be shared with 30 people and supports 5 users to watch at the same time. The shared users need to download the SriHome App and register an account.

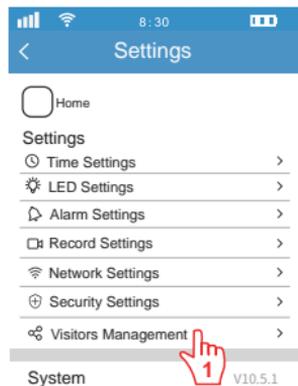


Figure 1

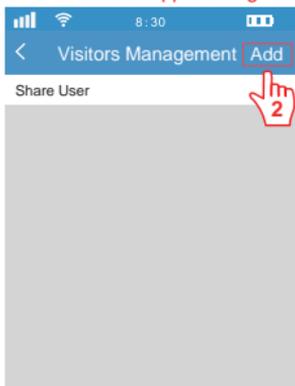


Figure 2



Figure 3

## How to find the user APP ID in the mobile app?



Figure 4



Figure 5



Figure 6

## 5. Other FAQs

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### Solution for camera not displaying images

#### (1) Check the network connection

- Confirm that the NVR is connected to the router.
- Check the network icon in the lower right corner of the display window.
- If the icon displays , it indicates a successful connection.
- If the icon displays , it indicates an abnormal connection.

#### (2) Checking the Camera Status

- Check whether the camera can start normally,
- Try to reset the camera to see if it returns to normal.

#### (3) Troubleshooting Hardware Issues

- Connect the network cable of a working PoE camera to the camera without picture.
- Or change the PoE port on the NVR to see whether the picture is restored.

#### (4) Adjust network settings-turn off DHCP function (turn off by default)

- Enter menu -> [Network Settings] -> [Advanced] -> [DHCP] to turn off the DHCP server -> click [Confirm] -> wait for the NVR to restart.

#### (5) Restore Default Settings

- Enter the menu -> [Device Maintenance] -> [Restore Defaults] to enable IP address recovery -> click [Confirm] -> wait for the NVR to restart.