

POE Camera Kit Quick Installation Guide



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1. Thanks

Thank you for purchasing Anran products!

This is a quick user's guide explaining how to set the system up and get it running. If you need customer support, please email us at support@anran-cctv.com. You can expect a response within 24 hours

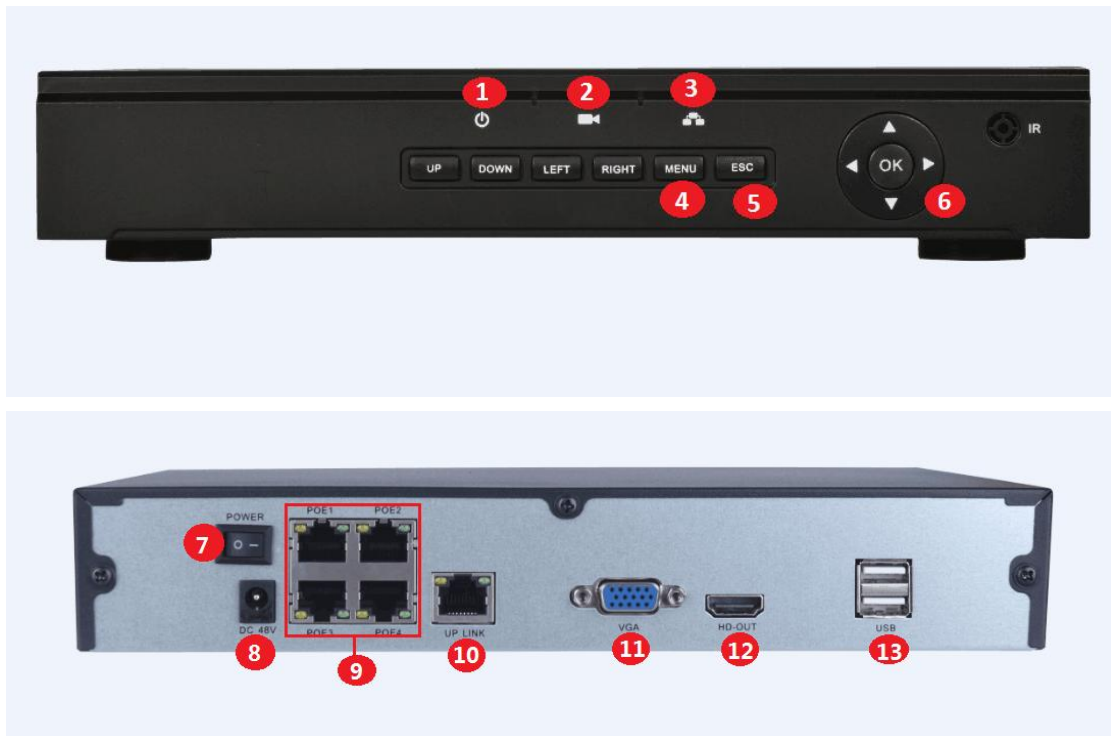
2. Safety Tips (Please Follow)

1. Do not put any item containing fluid on the product.
2. Use the product in ventilated area and avoid blocking the vents.
3. Use the included power supply with the product to prevent damage.
4. Use the product within its standard working temperature and humidity range.
5. Obey your local regulations and policies during installation.

3. Open-package inspection

We do everything we can to ensure that your order arrives in a complete and undamaged condition. Please check the products immediately upon their arrival. If the products arrive damaged or incomplete, please contact us at once.

4. Know the hardware (NVR)





- ① Power Indicator Light
- ② Record Indicator Light
- ③ Network Indicator Light
- ④ MENU
- ⑤ ESC
- ⑥ Direction & Enter
- ⑦ Power Switch
- ⑧ Power supply
- ⑨ POE port
- ⑩ WAN/ LAN Port: Connect your NVR to the Internet
- ⑪ VGA port: For viewing on VGA monitor
- ⑫ HDMI Port: For viewing on HDTV
- ⑬ USB Ports: For mouse and data backup

5. Before installation

① Equipment needed for Preparation:

1. ANRAN camera system.
2. Monitor or a TV.
3. VGA cable or HDMI cable.
4. Internet router for connection.

[The NVR (Network Video Recorder--the main box), you only need a display for it.

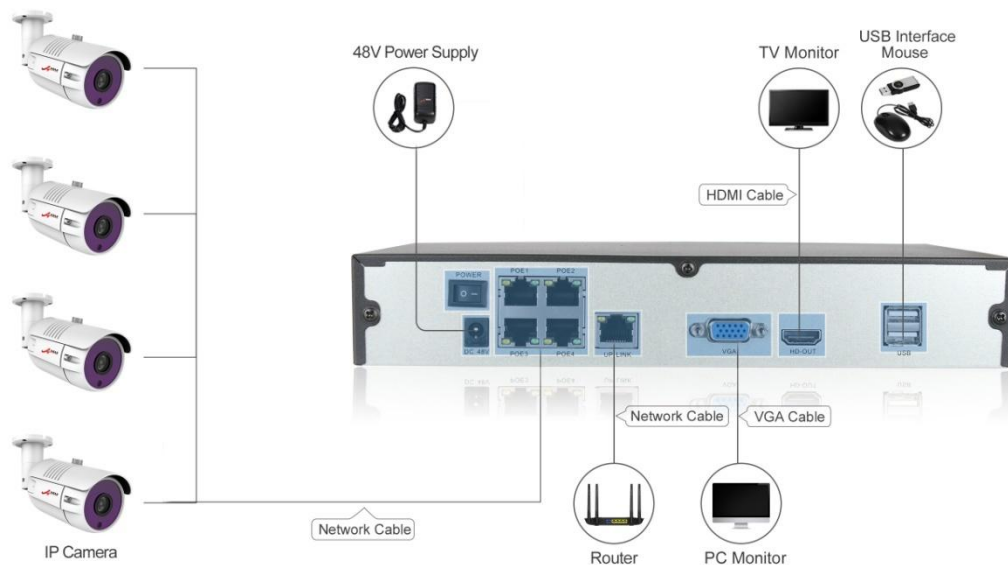
Tips: display could be a computer monitor or a TV, with either VGA or HDMI video input port.

Internet connection. Like a PC, you can use it without Internet; but with an Internet connection you can have the system's full capabilities. Hardwire the NVR via a network cable to your router to get online]

② Steps to setup the system

The cameras require mounting and power cabling in some situations. To save your time and make sure all devices work well, we suggest a test run of all devices IN THE SAME PLACE before installation. Follow the steps as shown below to run the system. If everything works well, you can then go ahead and mount cameras to where you

want. If there is any exception, please contact ANRAN support or your vendor.
Please connect the POE camera system as pictured below.



1. Connect the monitor/ TV to the NVR via its HDMI or VGA port.
2. Connect the USB mouse to the USB port of NVR.
3. Connect the NVR's UP LINK (WAN) port to your router with a network cable.
4. Connecting NVR and POE cameras via network cable which included in the package.
5. Connect the NVR to the DC48V power adapter, and then plug the power adapter into AC power socket powered by AC Electric Supply.

Tips:

1. In regards to NVR power adapter output DC 48V Power Supply (DC48). Please plug into NVR power supply first, then plug the power adapter into AC power socket.
2. The DC48V power adapter is only used for the NVR. Please don't use it for the cameras.
6. Turn on the NVR, wait a moment, then you are able to operate the system.

③ Log in and set password

When you have finished connecting and see the cameras' images on the screen, please click "OK" to continue.

Default ID: admin

Password: none (means leaving the password empty, just click OK)

SYSTEM LOGIN

admin

OK

Please Login

Right click → Main Menu → System → Account → Modify Pwd to set Password.
Password should be no more than 10 letters or numbers.

System

General

display setting

Channel Title

HDD I

Account

Advanced

	User Name	Group	Status
3	admin	admin	Web
1	guest	user	Normal
2	default	user	Default User
3			

Modify Pwd

User Name: admin

Old

New

Confirm

OK Cancel

Modify Pwd

Update Cancel

Tips: Remember your username and password, you need them to login in App. If you forget them, you can refer to FAQ#Q7.

6. Remote View on your Phone

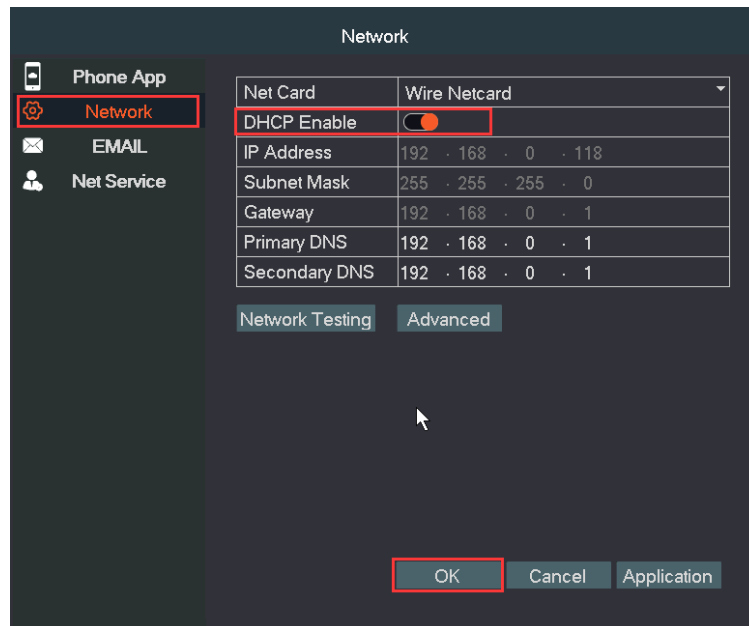
The camera system supports P2P phone remote monitoring.

Without Internet connection, the system will still allows you to do everything locally, however, you can view and playback the recordings via your phone whenever and wherever you want after the camera system is connected to the Internet.

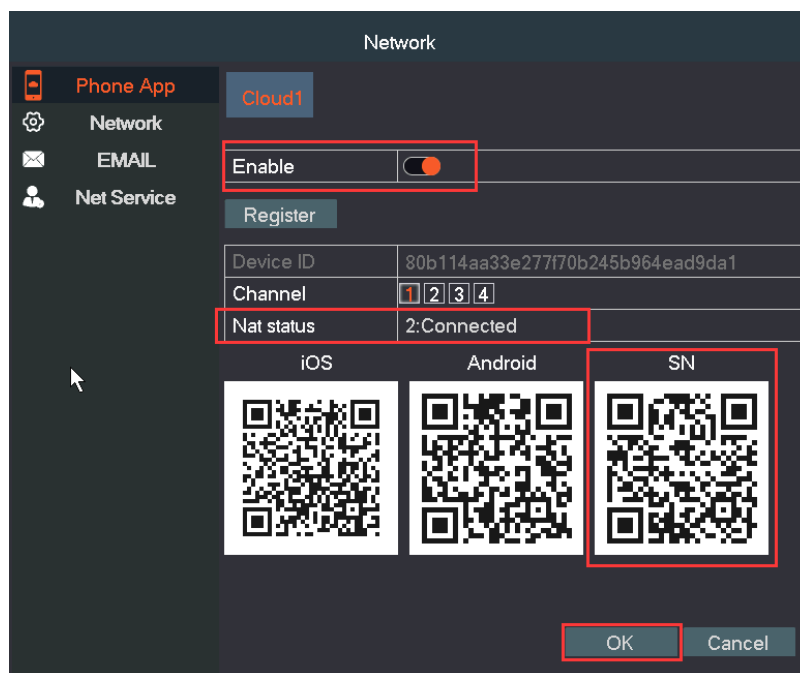
Steps for make the system online as follows:

Make sure the NVR had been connected to your router with a network cable and then check its network status.

Step1. Right click → Network settings → Network, check DHCP is enabled and click "Application".



Step2. Right click→Network settings→Phone APP, you can see Network Status shows “Connected”, means the NVR has been successfully connected to the network. You also could find the Device ID number on this interface.



① Add camera to your phone

Step1. Download the APP and install it on the phone.

----Please search “Danale” in Google play or Apple store and install it on your phone.

----Scan the following QR code to install it.



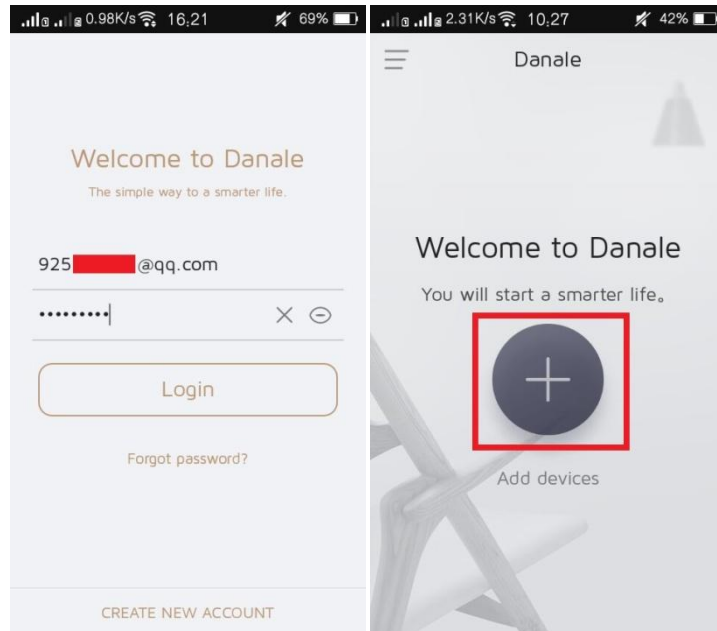
iOS client link



Android client link

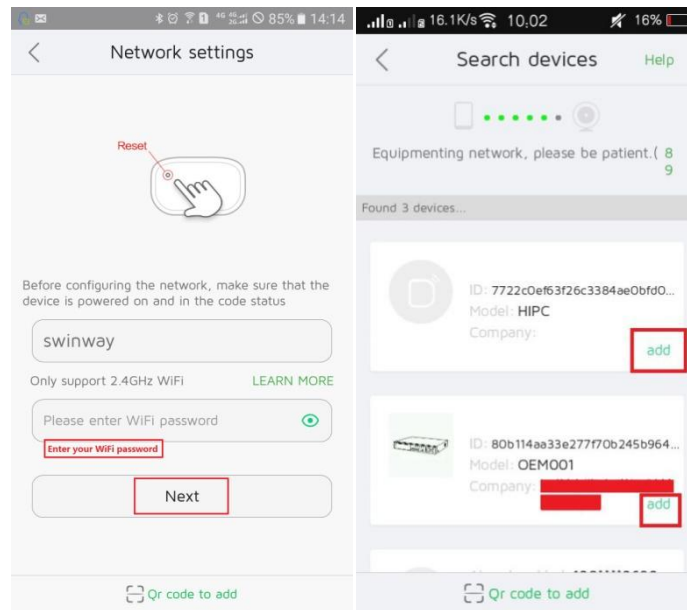
Step2. Run the “Danale” APP and register an account (for first time using) and then login.

Step3. Click the button“” to add devices.

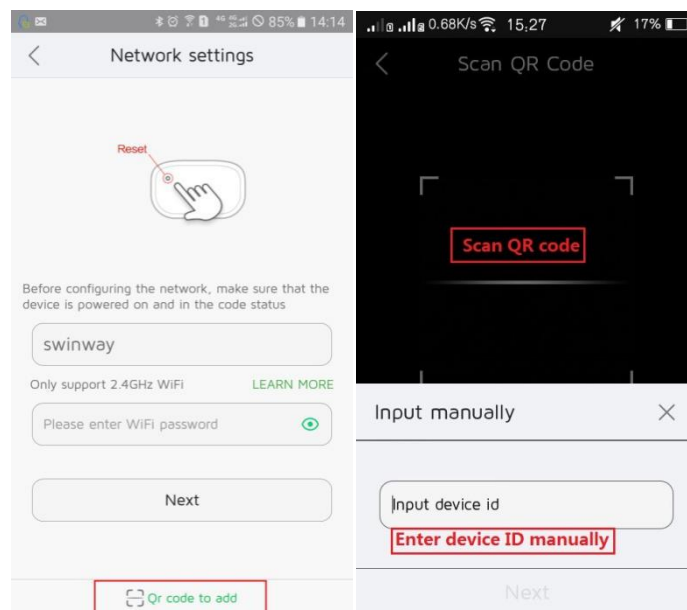


Step4. You can add the device by automatically searching or scanning the NVR’s device ID.

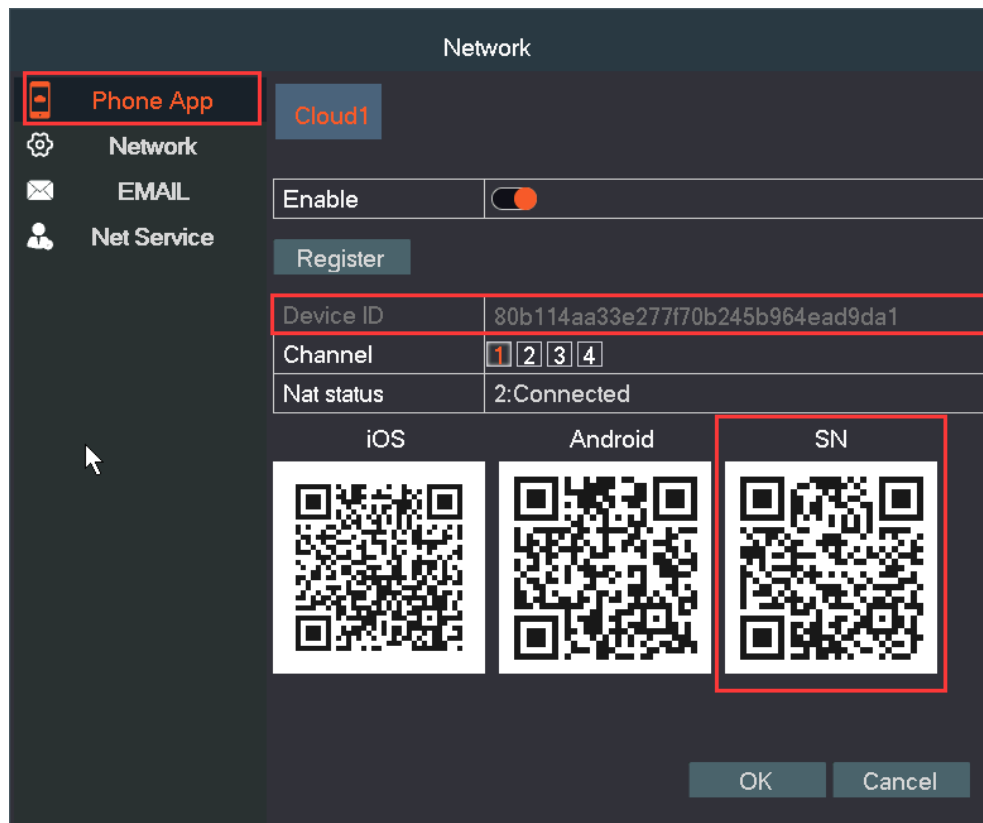
A. If your mobile phone is in the same LAN with the NVR (normally means they are connected to the same router), you can add the device by automatically search. Please enter your WiFi password, and then click “Next”. The app will automatically search the device which in the same LAN with your phone, then you can add the device which you want to add.



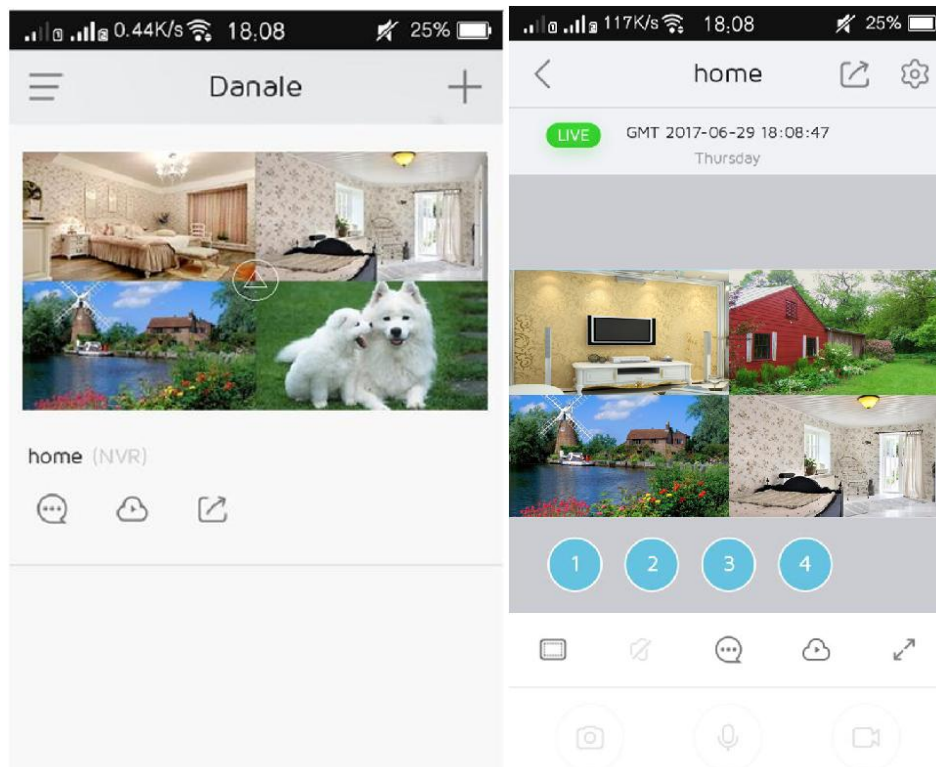
B. If your phone isn't in the same LAN with the NVR, you should not enter the Wi-Fi password. Please click "QR code to add", then you can scan the device ID with its QR code or manually fill in the NVR Device ID number.



Tips: Device ID Number: Go to NVR system and right click→Network settings→Phone APP, you can find the Device ID and SN QR code.




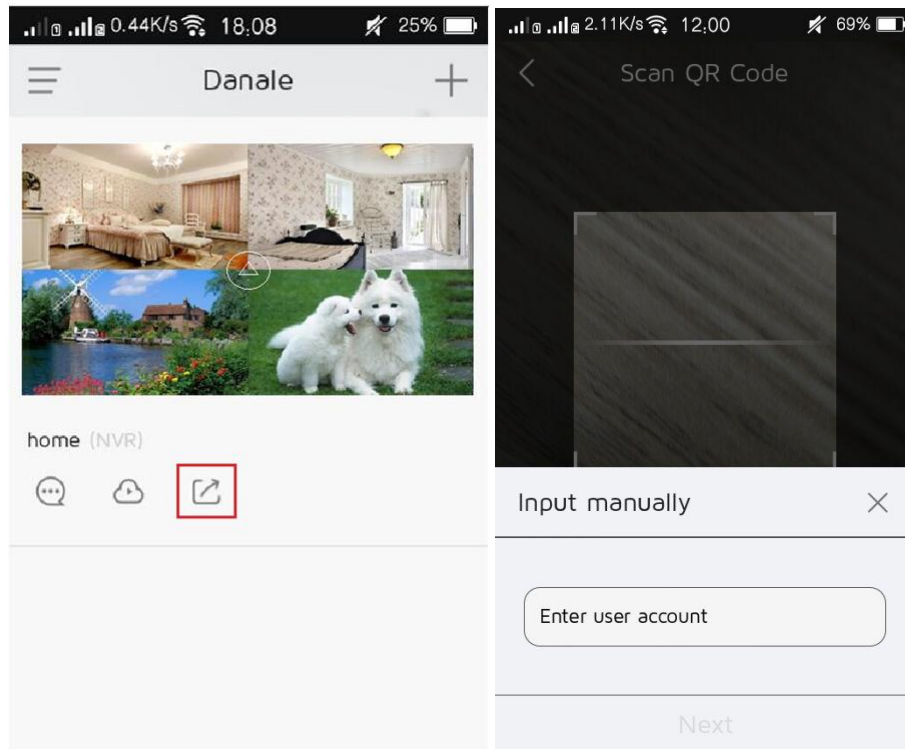
Step4. You can view the camera videos on your phone.



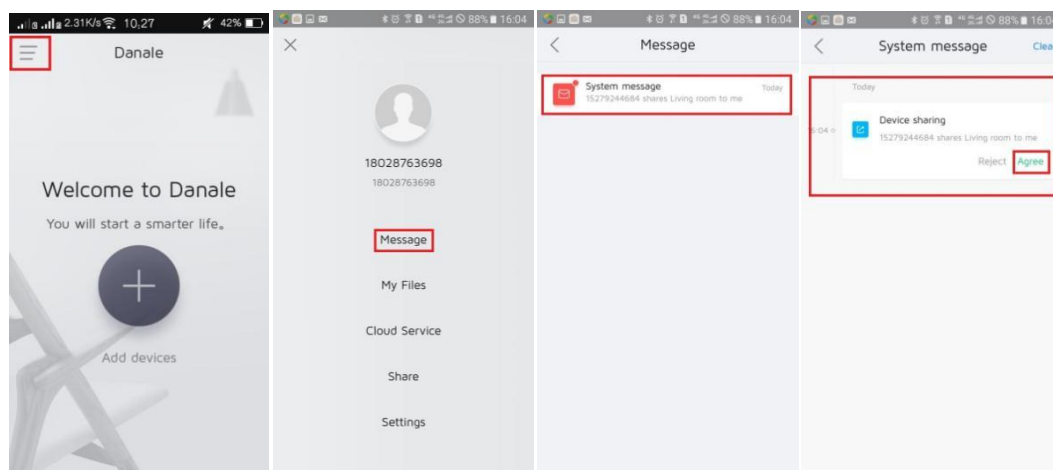
② Share your video screen

The first person who adds the device will be the only administrator. The others who want to add the device to their Danale APP, they need to be shared by the

administrator. Please refer to follow steps to add device by administrator's share.
Step1. The administrator (the first one who add the device) login the APP and click the button “”, then input your family or friend Danale APP account and click “Next”. The system will send a message to your family or friend’s account.




Step2. Let your family or friend login the Danale APP, click **top left corner**→**Message**→**Agree**.



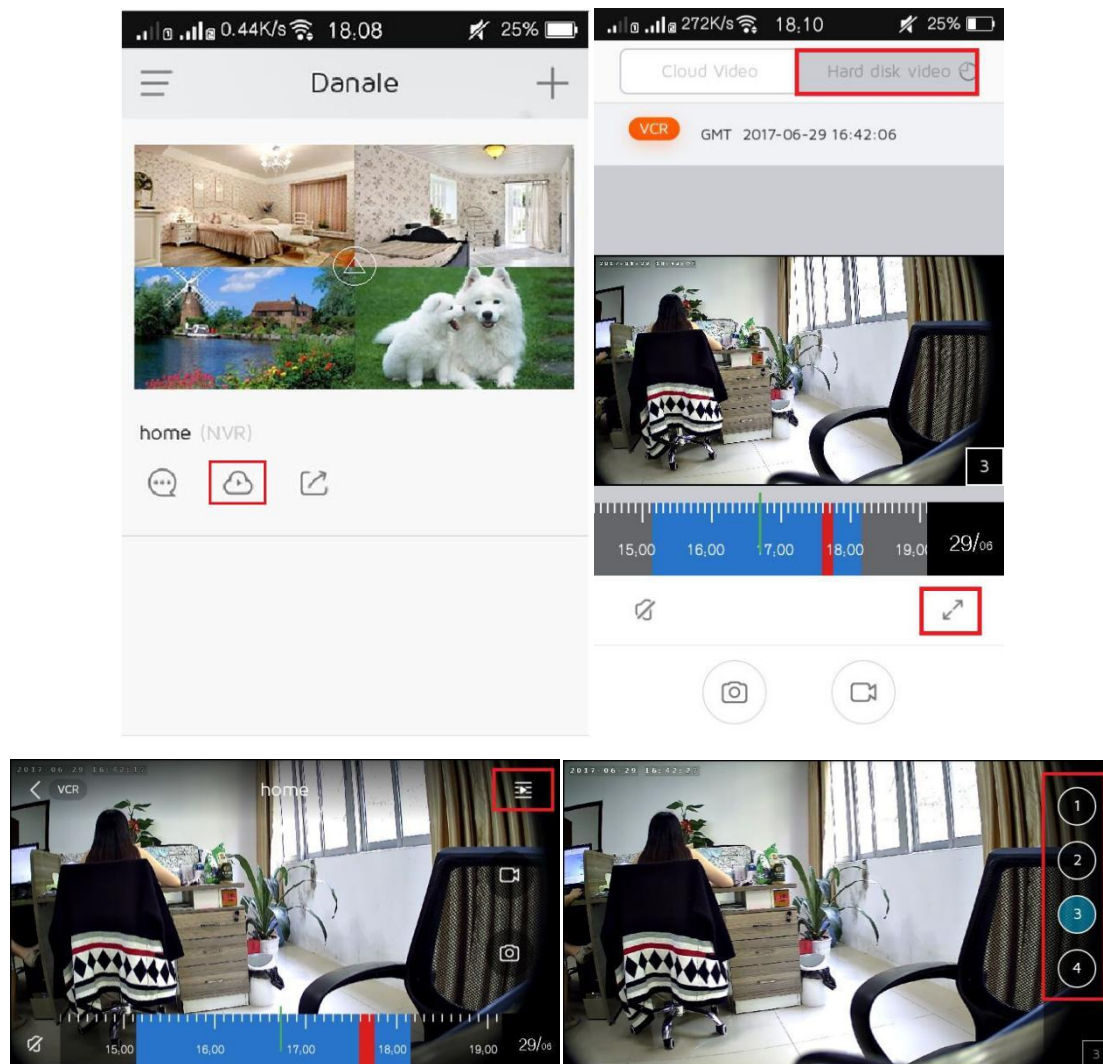
Step3. Then they can view the video on their phone APP.

③ Playback on mobile

The NVR must be installed a hard disk and record the video successfully before you playback it.

Go to the Live Video interface, click the button  →Hard disk video, the App will

automatically playback camera1, refer to the pictures below, you can switch the channels by yourself.

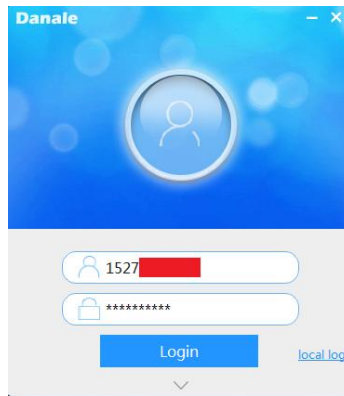


7. Remote View on Computer by CMS Software

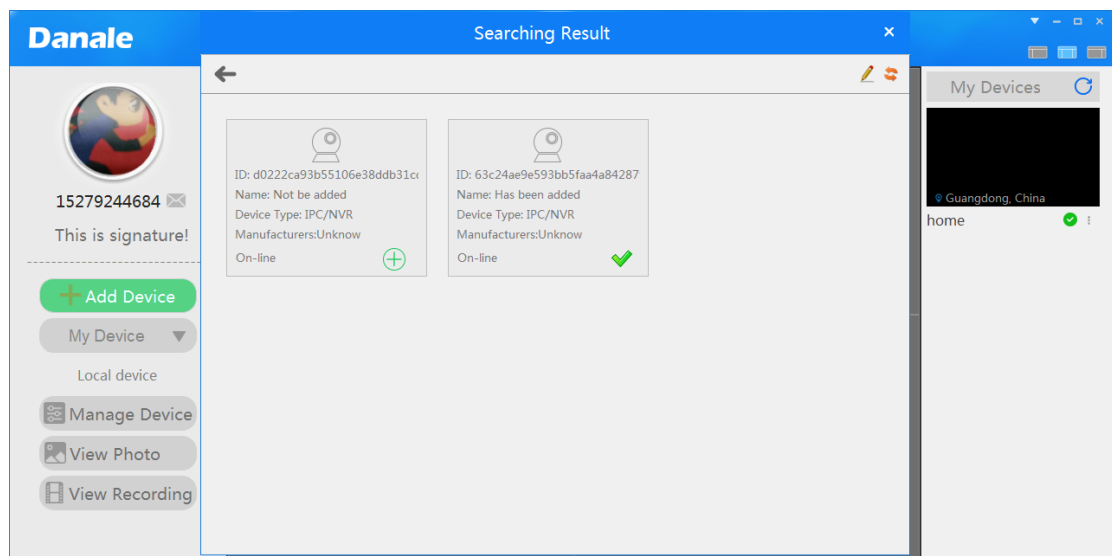
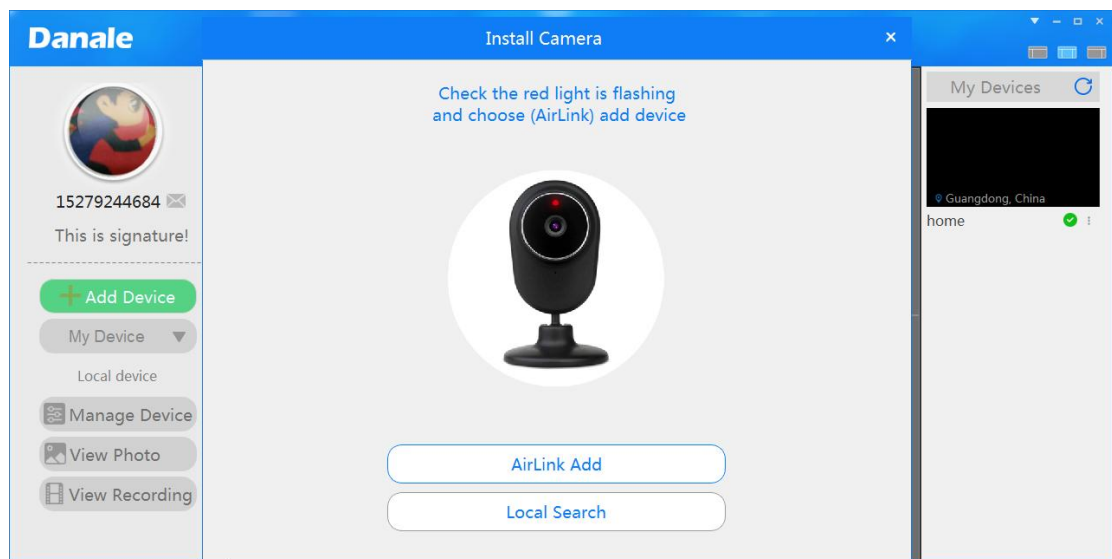
DanaCMS is a PC client software, which allows you to view the cameras video in local and remote. Please download and install the DanaCMS client software on your PC from the CD which came with package.

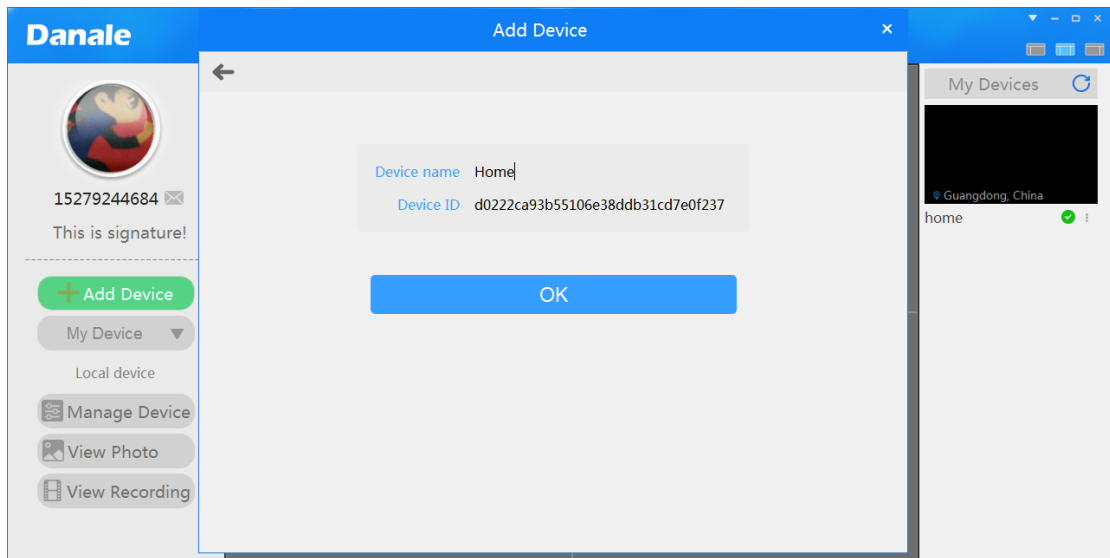
You can use the phone APP account and password to login the computer client, and the device which added by the Danale APP will auto added to the DanaCMS. (The phone App (Danale) and computer client (DanaCMS) can log in with the same account and password)


Step1: Open “DanaCMS”, you can use the phone APP account and password to login. (If you have not registered, please register one)

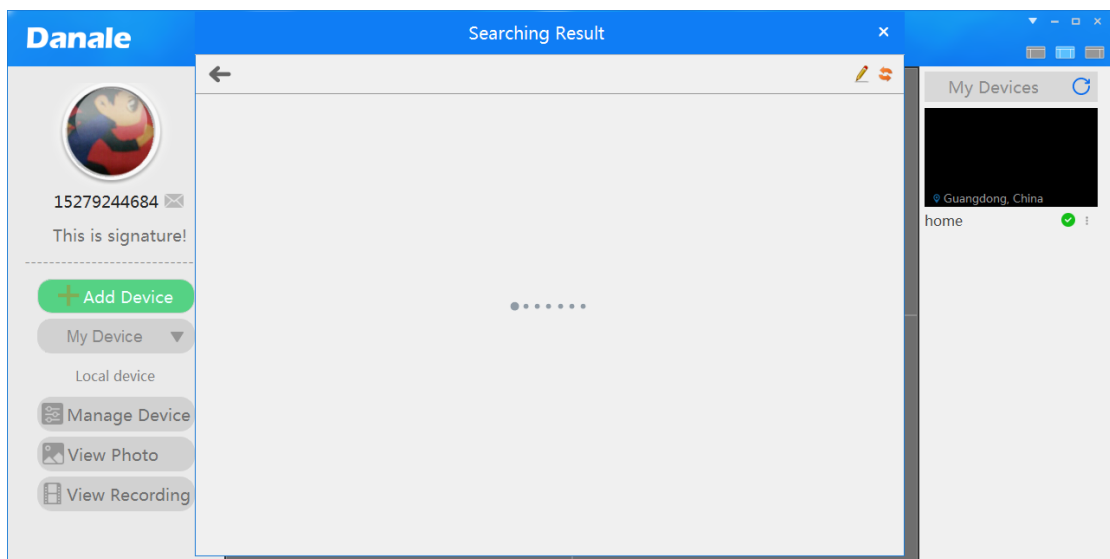


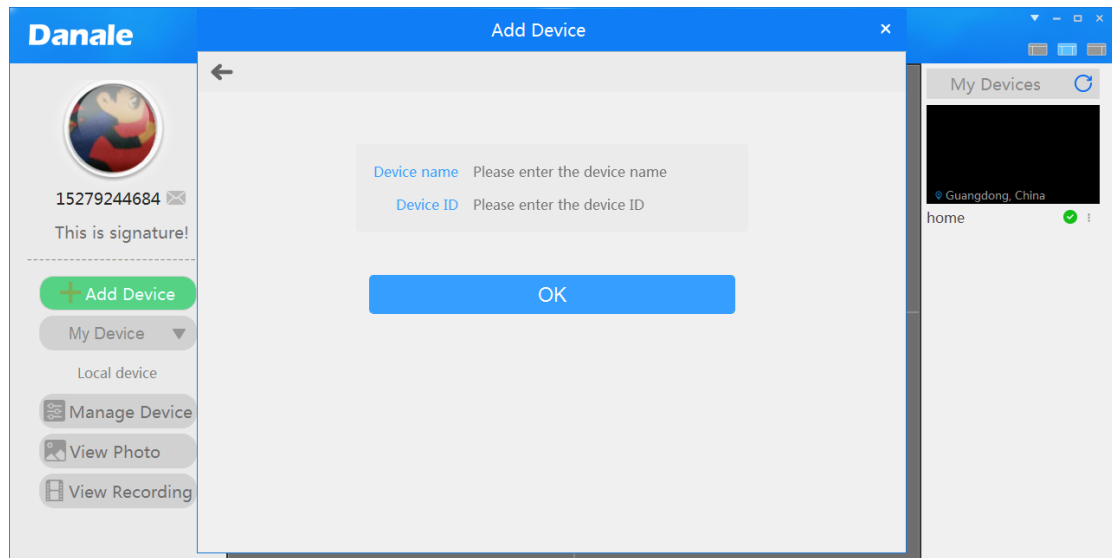
Step2: Click “Add Device”, then click “Local Search” and it will auto search the device which was in the same router with PC, and then you can select the device to add, define the Device name.





Tips: When your PC is out of local area network with the NVR (For example: view your home cameras from your office PC). Click “Add Device” then click the top right corner button “” manual add. (Navigate to Main Menu→Network→Phone APP, you can find the Device ID.)





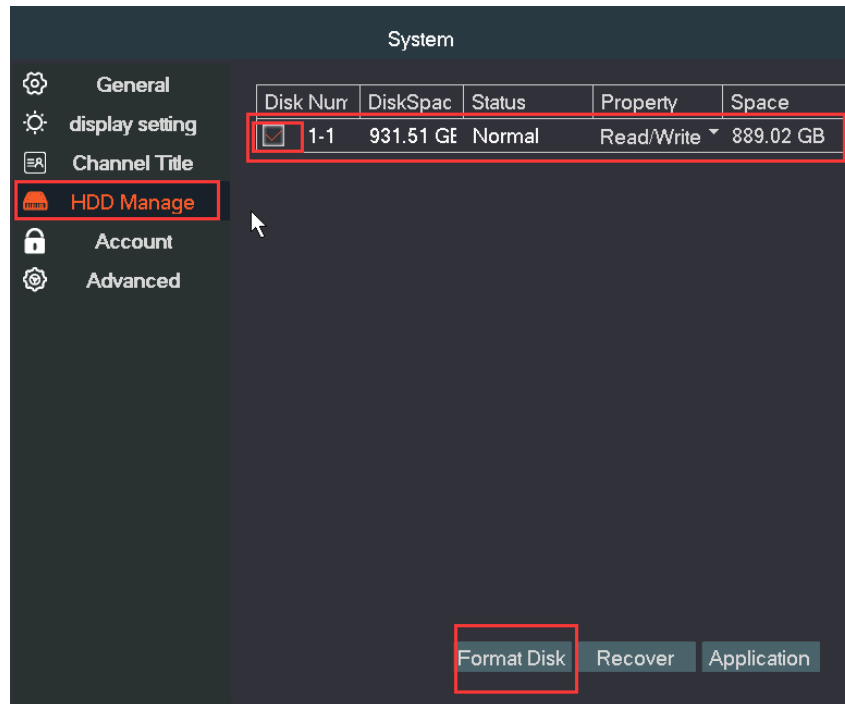
Step3: Double click the channel on the right of the window. Then you can view the camera video on your PC.



8. Record Video

①. System with preinstalled hard drive

Kits with preinstalled hard drive will automatically start to record videos when system powered and run. Only thing to check is if hard drive is "Formatted". You can check it in **"Main Menu→System→HDD Manage→Format Disk"**. If it's unformatted, select the hard drive and format it. After it's done, the system will record automatically.



②. System without preinstalled hard drive

Please refer to FAQ#Q1 to install the SATA hard drive and format it. After it's done, the system will record automatically.

③. Record setting

The DVR needs to install a hard drive disk for recording. Without hard drive, the system can show live viewing, but can't record, playback neither.

Right click → **Main Menu** → **Record** → **Record** → **Set channel, Length, Period Etc.** → **OK.**

Channel: Choose the corresponding channel number. Choose "ALL" to set the entire channels.

Length: Set the time length of each video file between 1 min to 120min. (60 minutes is default value)

Manual: Corresponding channel starts recording 24hours non-stop.

Stop: Whatever state the channel is, the corresponding channel recording stops when stop button is selected

Period: Set the time section of common recording. The recording will start only among the set range.

Regular: Record according to time section setting.

Detect: Within the set time section, trigger the motion detect video blind, video loss or abnormal analysis.

Record

Stream

Record

Backup

Channel All ▾

Length/min	60
PreRecord/Sec.	5
Mode	<input checked="" type="radio"/> Schedule <input type="radio"/> Manual <input type="radio"/> Stop
Week	All ▾
Period	<div style="display: flex; justify-content: space-around;"> Regular Detect Alarm </div>
00 : 00 - 24 : 00	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
00 : 00 - 24 : 00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
00 : 00 - 24 : 00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
00 : 00 - 24 : 00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Advanced
OK
Cancel
Application

Regular Record. Set time periods you want the NVR to record. Click right button→ Main Menu→Record. You will see 4 time periods set table. The default "Everyday 00:00-23:59" means 24x7 recording. You can set your time. For example, if you want it to record 14pm--6am, you should set 2 recording periods as below.

Record

Stream

Record

Backup

Channel All ▾

Length/min	60
PreRecord/Sec.	5
Mode	<input checked="" type="radio"/> Schedule <input type="radio"/> Manual <input type="radio"/> Stop
Week	All ▾
Period	<div style="display: flex; justify-content: space-around;"> Regular Detect Alarm </div>
14 : 00 - 24 : 00	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
00 : 00 - 06 : 00	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
00 : 00 - 00 : 00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
00 : 00 - 00 : 00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Advanced
OK
Cancel
Application

Detect Record. Detect Record means to record only when movement is detected. For example, if you want the system to record detect 8am—23:59. Below is the setting you should do.

The 'Record' configuration window is shown with the 'Record' tab selected. The 'Channel' is set to 'All'. The 'Length/min' is 60 and 'PreRecord/Sec.' is 5. The 'Mode' is set to 'Schedule' (indicated by a red dot). The 'Week' is set to 'All'. The 'Period' table shows the 'Detect' mode selected for the period 08:00 - 24:00.

Period	Regular	Detect	Alarm
08 : 00 - 24 : 00	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
00 : 00 - 00 : 00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
00 : 00 - 00 : 00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
00 : 00 - 00 : 00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Buttons at the bottom: Advanced, OK, Cancel, Application.

④ Setup a record plan

Different recording modes can be combined to make up a record plan. For example, if you want the system to record detect 8am—23:59 and record 00:00-8am. Below is the setting you should do.

The 'Record' configuration window is shown with the 'Record' tab selected. The 'Channel' is set to 'All'. The 'Length/min' is 60 and 'PreRecord/Sec.' is 5. The 'Mode' is set to 'Schedule' (indicated by a red dot). The 'Week' is set to 'All'. The 'Period' table shows the 'Detect' mode selected for 08:00 - 24:00 and the 'Regular' mode selected for 00:00 - 08:00.

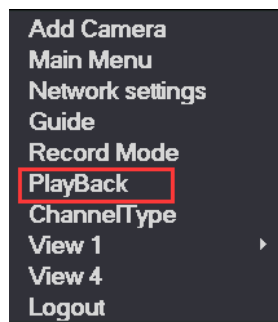
Period	Regular	Detect	Alarm
08 : 00 - 24 : 00	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
00 : 00 - 08 : 00	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
00 : 00 - 00 : 00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
00 : 00 - 00 : 00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Buttons at the bottom: Advanced, OK, Cancel, Application.

9. Playback video

The NVR must be installed a hard disk and record the video successfully before you playback it.

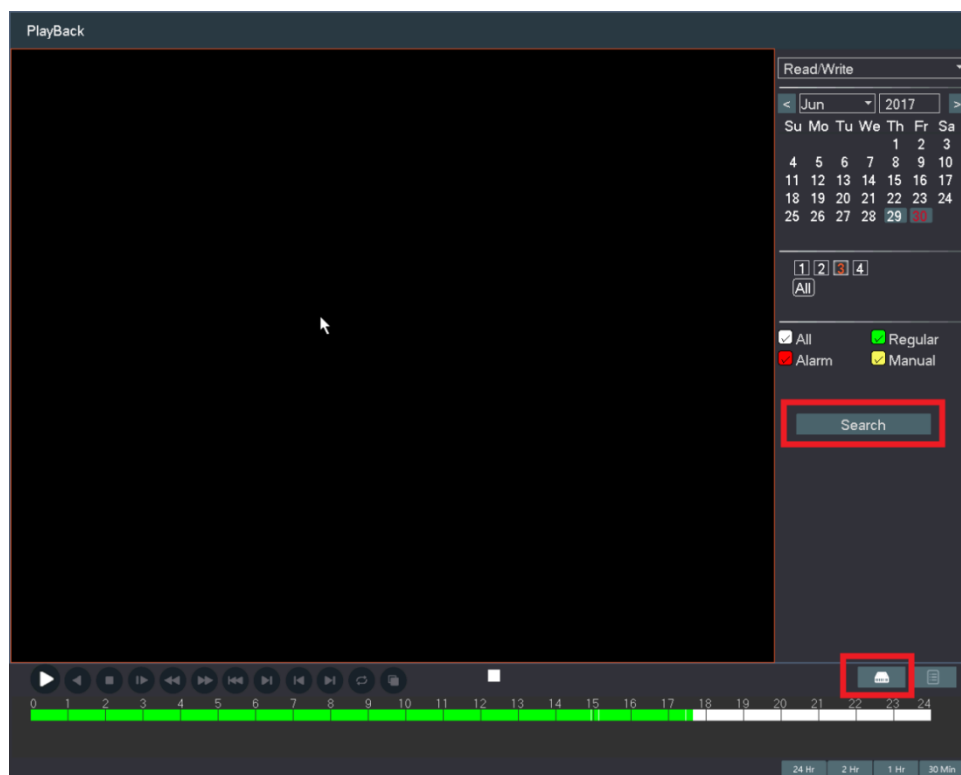
Step1. Right click and click playback, enter the video playback interface.

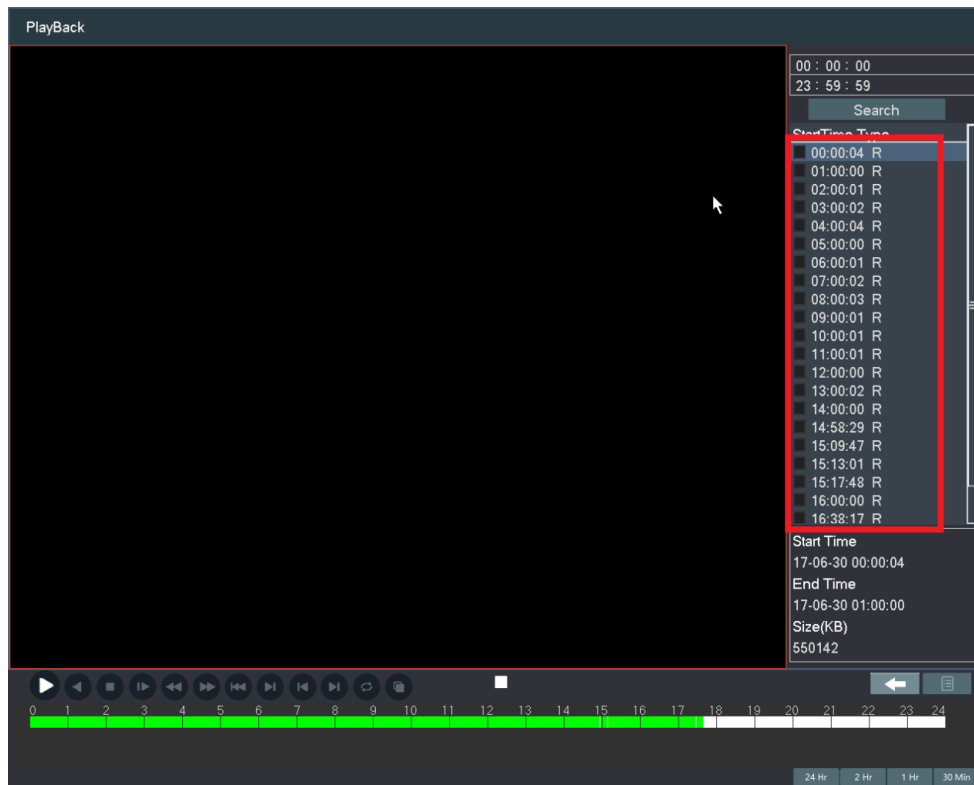


Step2. Click “Search” to search file, then you can select the files in the listed files area

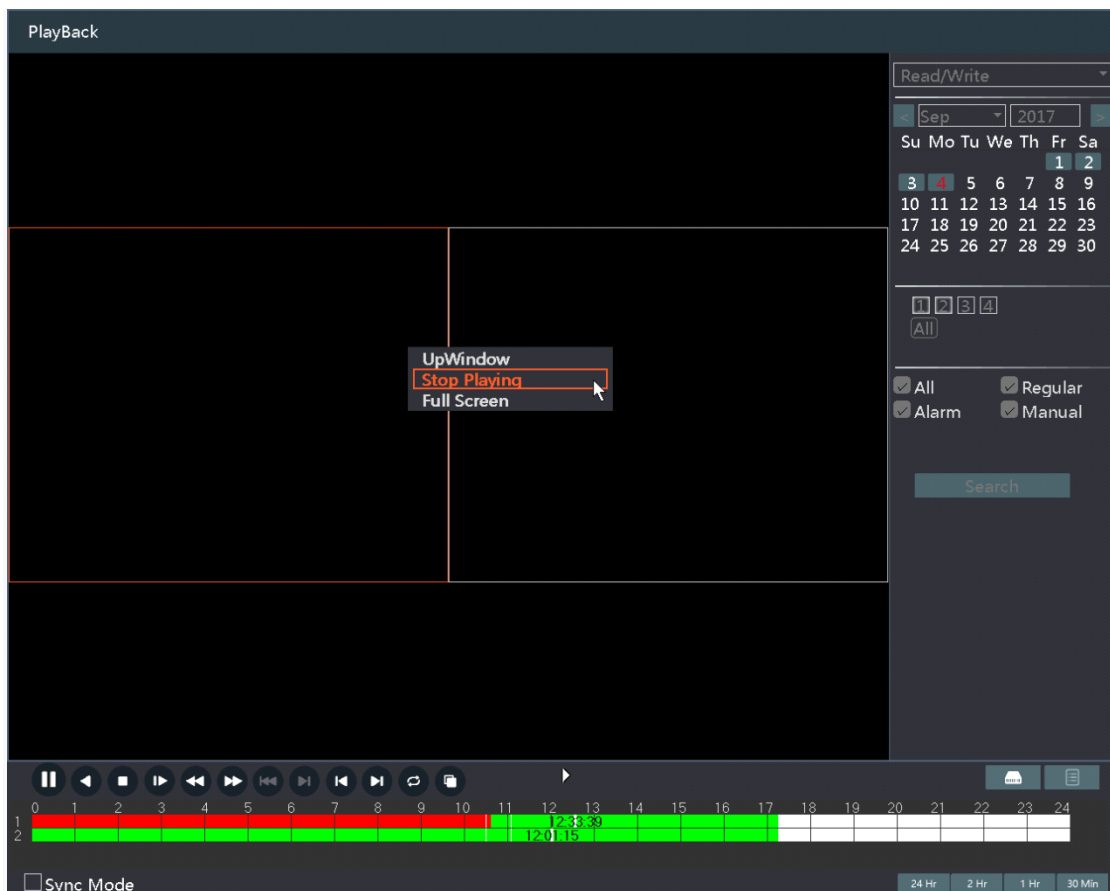
“” and double click file name to playback the video.

Tips: The HDD which saves the video files must be set as read/write state.





Tips: Maximum support for two channels playback video, and when you playback two of these channels, you can't click the playback of other channels, you need to click "Stop Playing", then you can select other channels to playback.

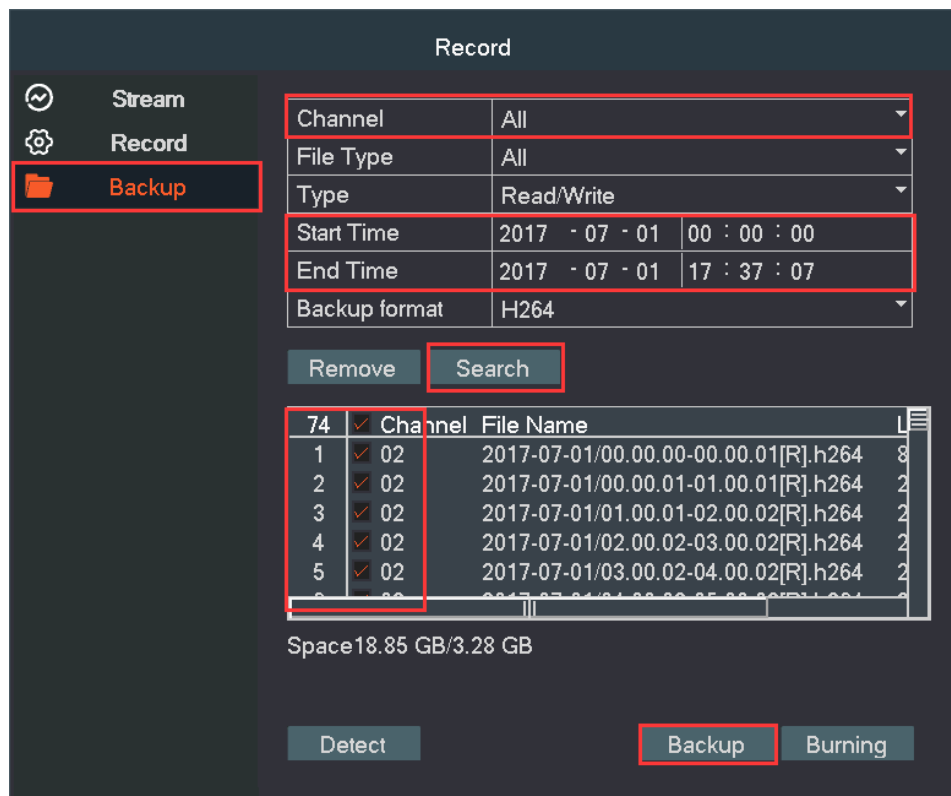


10. Backup data

The system allows you to backup specific files from NVR onto an external USB drive. The following instructions will show you how to find backup specific files.

The NVR support USB backup. After insert the USB storage **Right click→Main Menu→Record→Backup→Search→Backup**

By this way, you can get the recorded video via USB

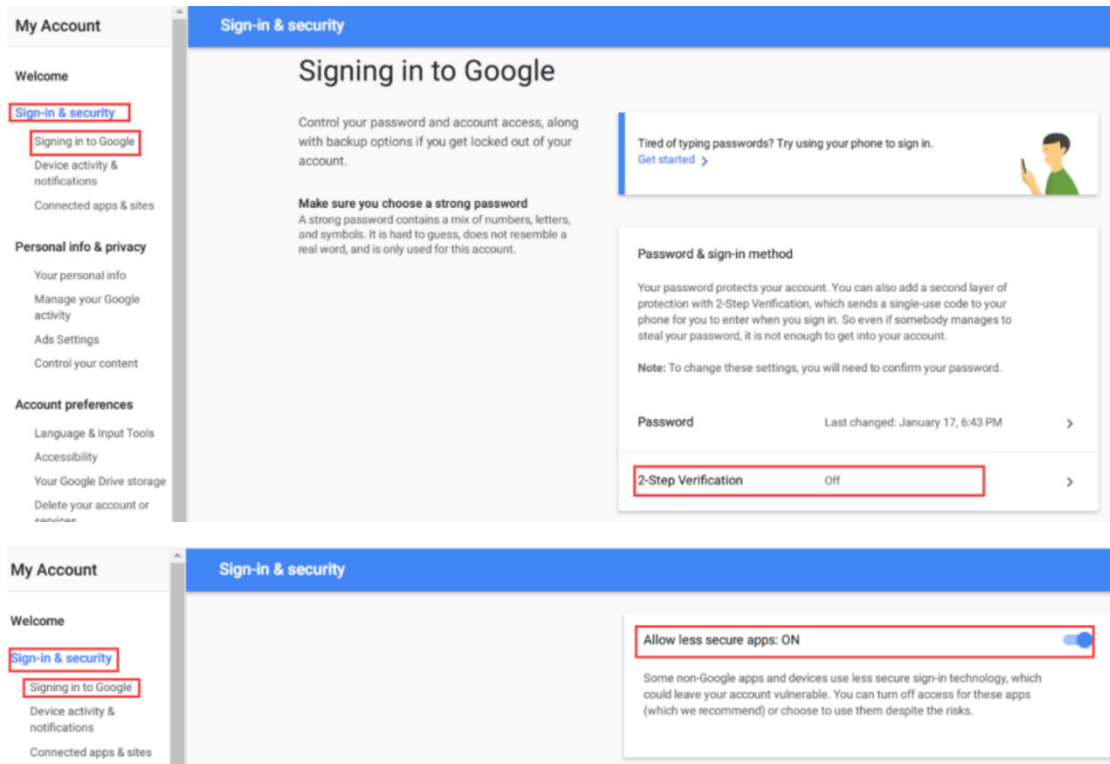


11. Email settings

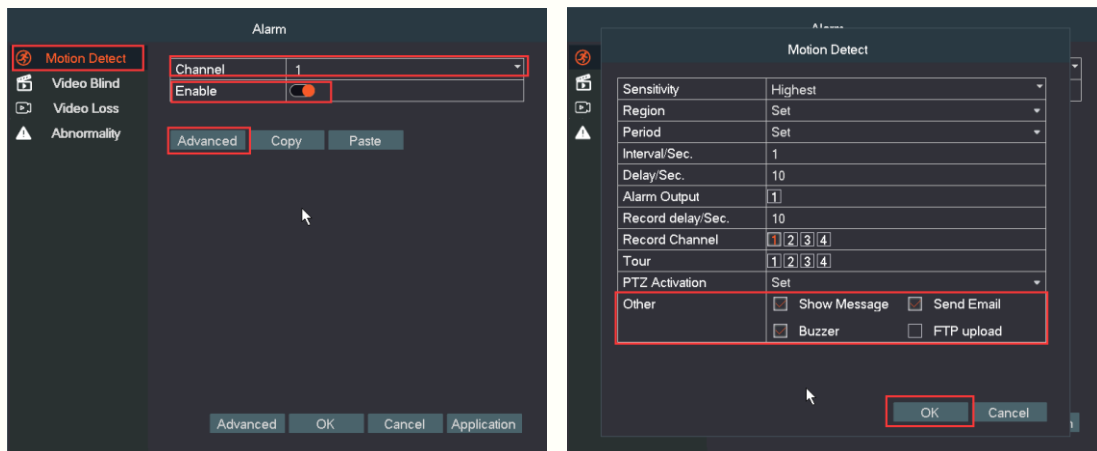
Please make sure DVR or NVR connecting to router and Internet successfully.

Please prepare a Gmail email address and we will set up the email notification as follow steps.

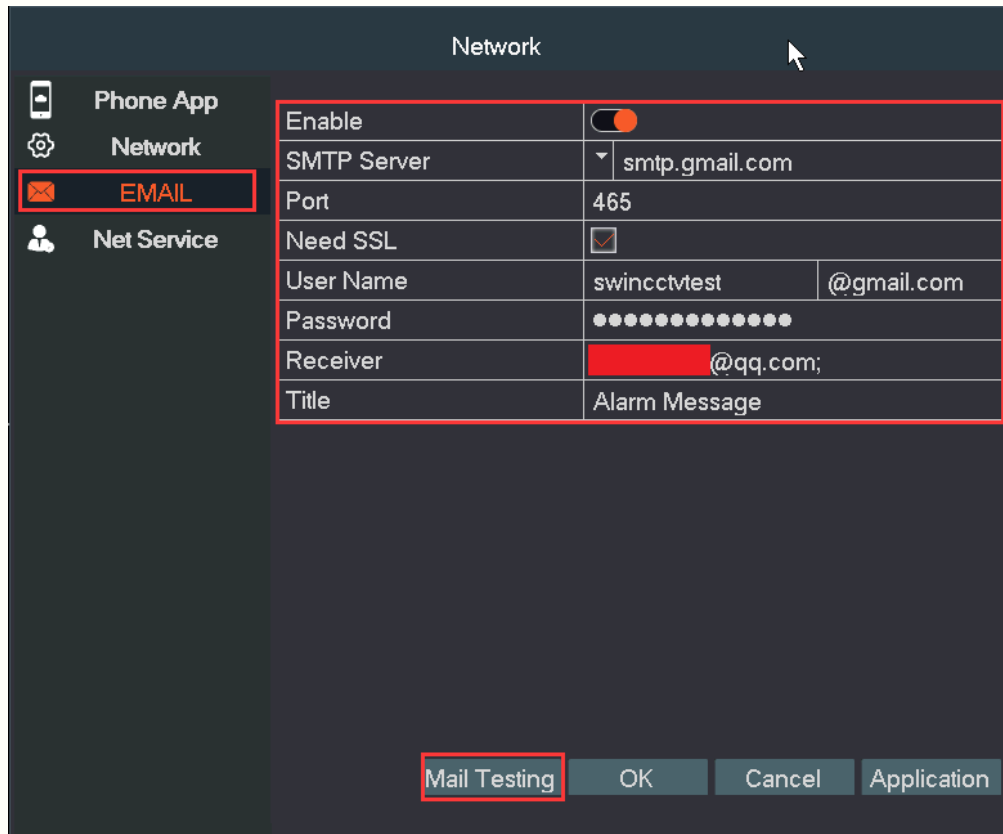
Step1: Please Login the Google account, click Signing in to Google to set "2-Step Verification" is off, and turn on the "Allow less secure apps".



Step2: Please enable alarm and email alerts function. Right click mouse go to **Main Menu**→**Alarm**→**Motion Detect**→**Click Enable**, then click Advanced to choose Record Channel and check the Send Email. Final click “OK”.



Step3: Go to NVR system and right click→**Network settings**→**Email**, please set up email in NVR as below picture show. If mail tested succeeds, it is working.

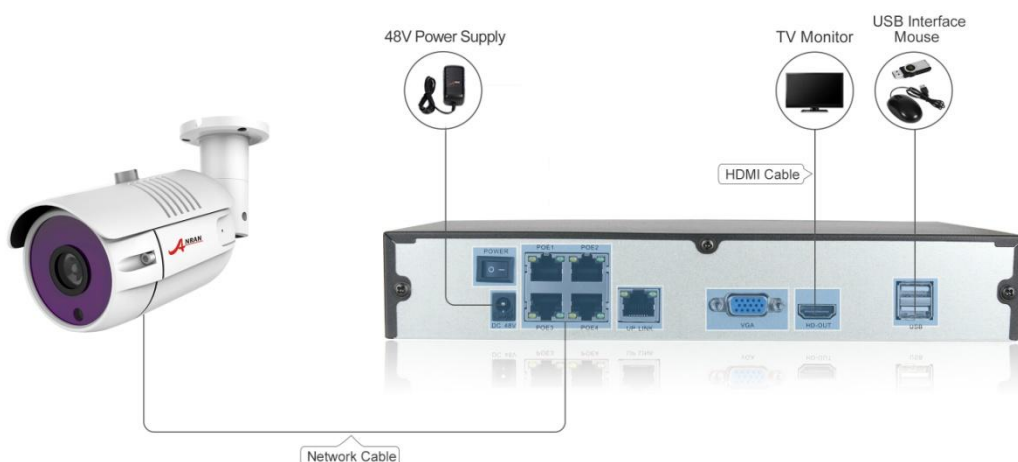


12. Add new camera

Our ANRAN PoE NVR might be not compatible with other brand PoE cameras, you'd better use ANRAN PoE cameras to add to NVR.

Please use a network cable to connect the new camera to NVR's LAN port.

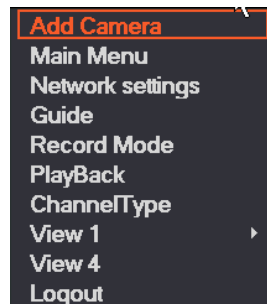
Please refer to below picture to connect the camera to the NVR.



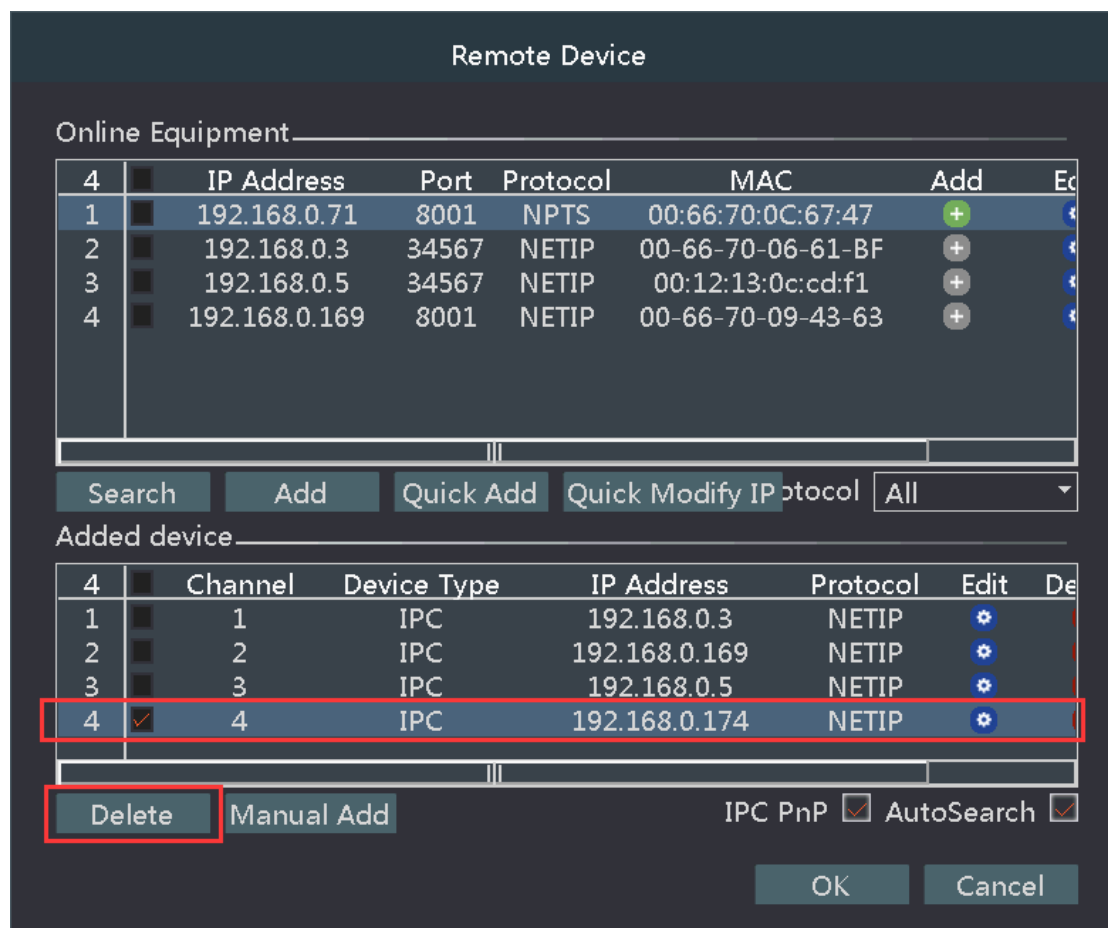
Turn on the NVR, just wait for 30-60 seconds; the picture will appear on the screen

If you can't see the cameras' images on the monitor, it is because the channel is occupied, you have to delete the channel, and then add the new camera, follow the step as below picture shows.

Step1. Right click then click "Add camera" to enter into the Remote Device interface.



Step2. Select the channel from below box, click delete. Then it will be deleted from the channel.



Step3. Then you can add the new camera, if it add successful, and it will appear in the below box, then click "OK".

Remote Device

Online Equipment

4		IP Address	Port	Protocol	MAC	Add	Ed
1		192.168.0.71	8001	NPTS	00:66:70:0C:67:47	+	
2		192.168.0.3	34567	NETIP	00-66-70-06-61-BF	+	
3		192.168.0.5	34567	NETIP	00:12:13:0c:cd:f1	+	
4		192.168.0.169	8001	NETIP	00-66-70-09-43-63	+	

Search

Add

Quick Add

Quick Modify IP Protocol

All

Added device

3		Channel	Device Type	IP Address	Protocol	Edit	De
1		1	IPC	192.168.0.3	NETIP		
2		2	IPC	192.168.0.169	NETIP		
3		3	IPC	192.168.0.5	NETIP		

Delete

Manual Add

IPC PnP

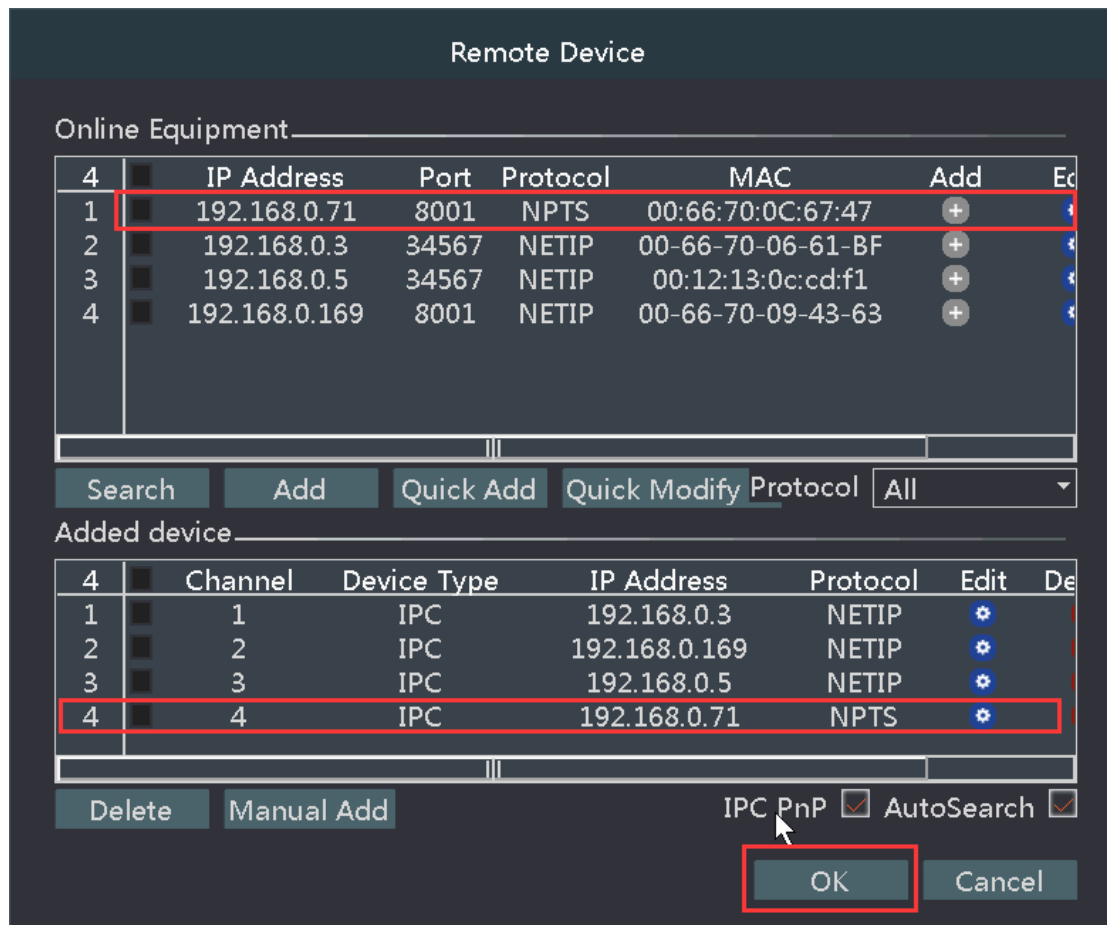


AutoSearch



OK

Cancel



13. FAQs

Q1. How to install a hard disk drive?

A: Before installing the hard drive disk, please power off the system if it was on.

Step1. Remove the screws on NVR and take off the cover.

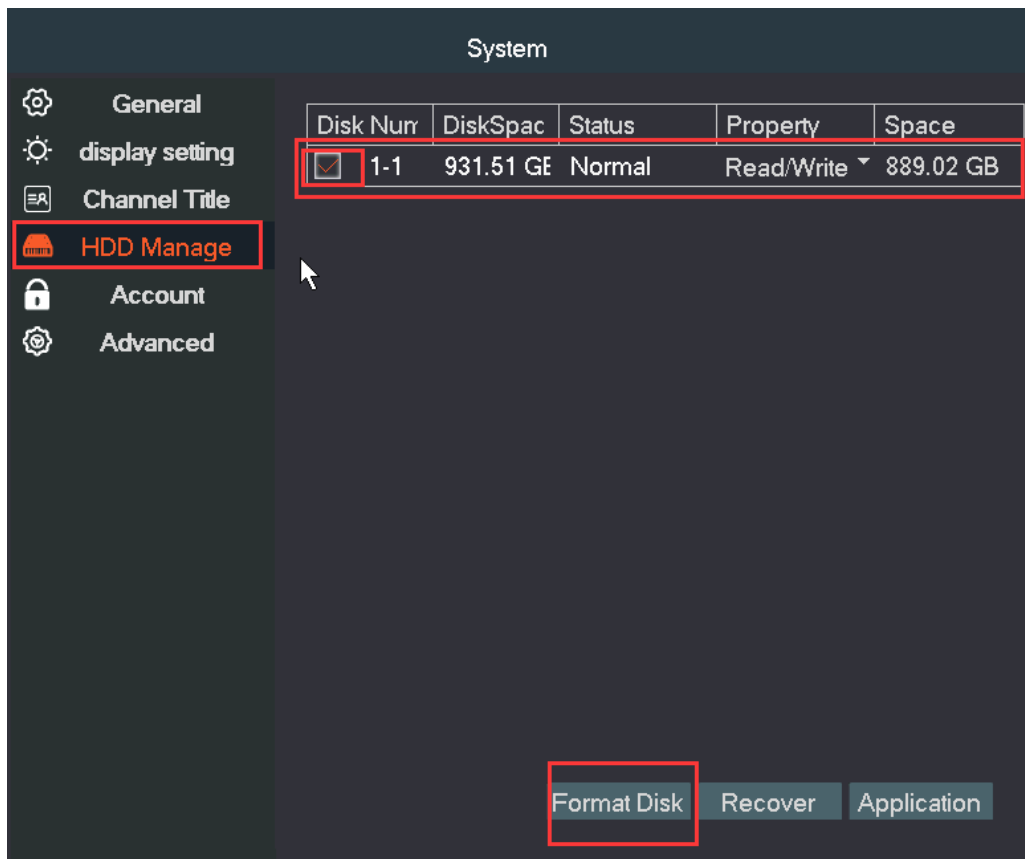
Step2. Connect the HDD data cable and power cable to the main board of NVR.

Step3. Place the HDD into the NVR. Any cable should cross up over the HDD.

Step4. Put the cover back to position and install the screws.

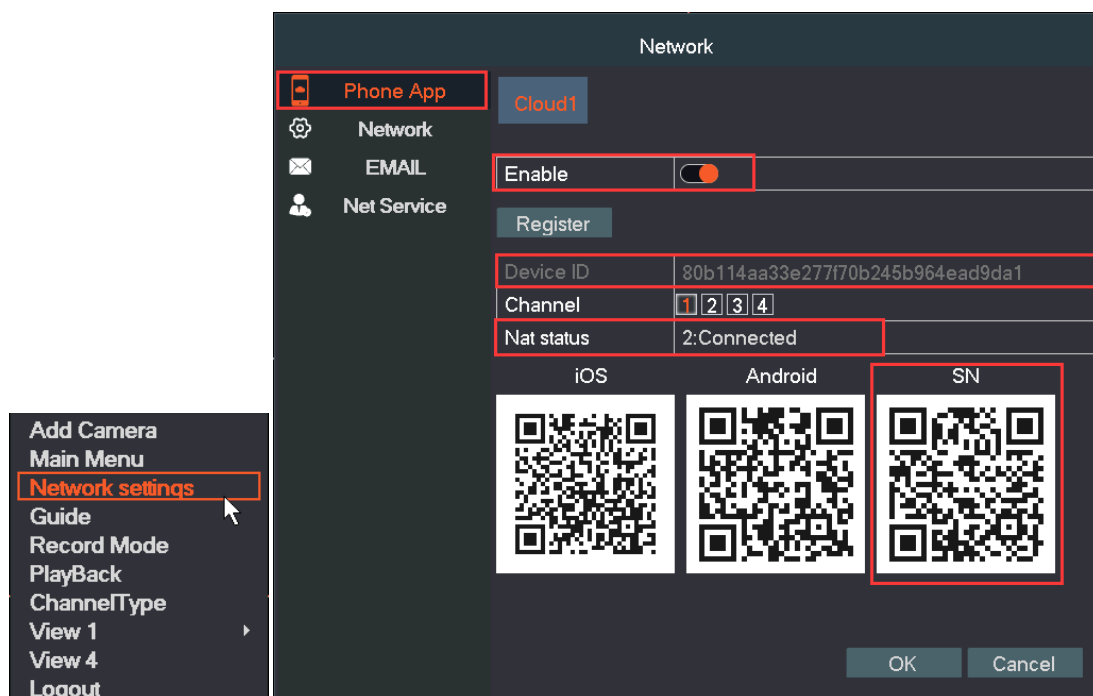


Step5. Right click the mouse, **Main Menu**→**System**→**HDD Manage**→**Format Disk**,



Q2. How to find the Device ID and its NAT status?

Right click→Network Setting→Phone APP. Check the “Net Status”, when it showing “Connected”, NVR was successfully connected the network. Then you can get the APP QR code and Device ID number QR code.



Q3.How to setup motion detection recording?

The NVR needs to install a hard disk drive for recording. Without hard drive, the system can show live viewing, but can't record, playback neither. Motion detection recording means NVR will record automatically when it is triggered by movement.

1. Go to **Main Menu** → **Record** → **Record** select channel, tick Schedule and Detect.

Tips: This step is necessary for setting and you can't skip it. Please don't tick Manual or stop.

2. Motion detect setting

Right click mouse go to **Main Menu** → **Alarm** → **Motion Detect** → **Advanced**

Tick "Enable", select "Sensitivity", "Region", "Record Channel", "Buzzer", "Send Email" according to your needs and click "OK" to save. It will record if the system detected the motion.

Tips: Even if you are setting up channel1, you can still select other channels to record when only camera in channel 1 is recording.

Q4. What should I do if there is no picture on the TV/monitor?

A. If there is no picture on TV

Please use your TV remote control to switch signal source. If the signal source is right but you cannot get display, this is typically caused by resolution compatibility issue.

The default output resolution of the NVR is 1920 x 1080, which may not be compatible with some screens.

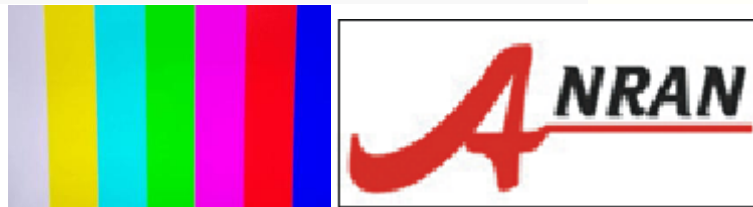
Here is how to solve it:

Step1. Connect the NVR to any other screen via VGA or HDMI to see if you can enter the menu.

Step2. Go to **Main Menu**→**System**→**Display** ; Change it to 1080p@60; apply to save it.

Step3. Connect it back your primary screen. You should have it displayed on the screen now.

B: If the monitor always shows the following two pictures.

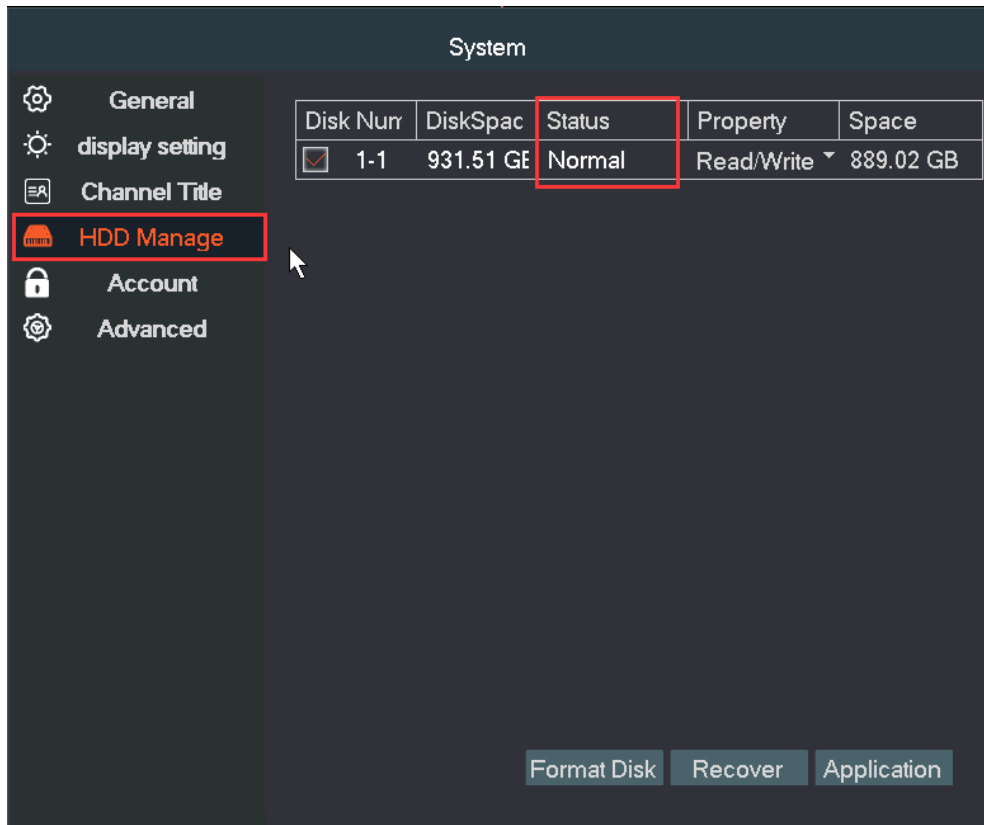


The monitor's resolution must be higher than the display resolution of DVR. If not, monitor is not able to show any image of cameras. The NVR default resolution is 1920×1080. If monitor can't show any image of cameras, it can prove the display resolution of NVR is higher than your monitor's, please use a higher than 1920×1080 resolution monitor to connect NVR.

Q5. What to do if hard disk drive can't be recognized ?

A: Please make sure yours does include a pre installed hard drive inside first.

Go to **Main Menu**--**System**--**HDD Manage** and check if there is hard drive and its status is normal.



If hard drive is not from us, please make sure your hard drive meets all requirements below:

1. It requests size of internal SATA 3.5" hard drive
2. Recommended use of specifications from 500G to 4TB hard disk,
3. Please make sure your hard drive is for surveillance use, not for PC use.

If the hard disk is not recognized, please check it as below,

1. Open the cover of NVR. Uninstall and install HDD for several times.
2. Check the wiring for the hard drive, check whether the sata data line is connected normal, remove the hard drive to check whether the internal wiring is connected to the DVR/NVR.
3. Please check the power supply of the camera system. If the power is broken, the power will be insufficient, resulting in the hard disk unable to run.
4. Install hard drive and put hard drive close to your ear to check if you can hear some noise. One hour later, use hand to touch hard drive to check if it is warm. If you cannot hear any sound and surface of hard drive is not warm, it can prove hard drive is not even powered up.

Q6. What should I do if I forget my password?

A: If you forgot the new password created by yourself or the default password couldn't work, please refer to follow steps.

Step1. Please capture a picture of the date show on the NVR and send it to our support E-mail (support@anran-cctv.com).



Step2. We will generate a password when we get your mail, and send the new password to you.

Step3. Please enter the new password and click Login. Then the system will reboot and the password will revert to the default state.

For more FAQ and troubleshooting, please visit ANRAN support center.

<http://www.anran-cctv.com/support/>

14. Limited Warranty Terms & Conditions

1. The standard warranty time of ANRAN is 12 months from the date of purchasing for products with the condition 'New'. Warranty on new products is one years from purchase date, unless some item that have a special stated.
2. All ANRAN warranties are limited to the original purchaser only, and unavailable for transferring to any other party.
3. Do not require Warranty registration, but purchasers are asked to reserve their receipt as proof of purchase.
4. You may return the new, unopened items within 30 days of purchasing for a full refund or replacement. We'll also pay the return shipping cost if the return was our fault (you received an incorrect or defective item, etc.).
5. If you need return or repair the item, please simply fill out following information and send an E-mail to support@anran-cctv.com. We'll notify you by e-mail of your refund or replacement or maintenance once we have received and processed the item(s).

Purchase Date: _____ Order Number/ID: _____

Item ID: _____ Product name: _____

Buyer name: _____ TEL: _____

Buyer E-mail: _____

Description Faulty nature of the product:

About ANRAN

ANRAN is a top brand in today's security monitoring market. Established in 2007, with over 25000 square feet factory location in Shenzhen, China. Committed to providing easy and user-friendly video security and smart security solutions to all customers. ANRAN has been well received in a wide range of countries and areas, like the United States, the United Kingdom, Australia, European Union and much more.

ANRAN specialized in **researching, producing and exporting** Wireless Camera Systems, Poe Camera systems, high definition Analog Camera Systems, DVRs/NVRs, IP Cameras, providing the most stable digital security solutions. ANRAN products are available on all kinds of online retailers, including Amazon, Ebay, Aliexpress, etc. ANRAN, your most trustful cooperation partner!

Support Center

ANRAN original manufacture offers professional technical support to all customers; please contact us at any time.

E-mail ID: support@anran-cctv.com

Skype ID: anran-cctv

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