

DIGITAL VIDEO RECORDER

Quick Installation Guide www.anran-cctv.com support@anran-cctv.com @AnranTechnology

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 sepcialized 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.

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

1-866-958-6988 (US) 44-20 8610 1559 (UK)

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If your system comes with a monitor, please follow the steps below

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3. What else do you need? 1)The DVR(Digital Video Recorder--the main box) is like a desktop PC, you only need a display for it.

1. Thanks

Thank you for purchasing Anran products!

1. Do not put any item containing fluid on the product.

2. Use the product in ventilated area and avoid blocking the vents.

5. Obey your local regulations and policies during installation.

3. Use the included power supply with the product to prevent damage.

4. Use the product within its standard working temperature and humidity range.

expect a response within 24 hours

2. Safety Tips

③Set password

Default ID: admin

you can login directly)

please click "OK" to continue.

Tips: display could be a PC monitor or a TV, with either VGA or HDMI video input port. ②Give it memory. Adding a SATA hard drive to the NVR will add memory to the system so you can record, playback videos and copy the videos when needed. (If you purchased the item with HDD preinstalled, the system will automatically record if

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

HDD was formatted.) ③Internet 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.

When you have finished connecting and see the cameras' images on the monitor,

Default Password: no password (means leaving the password empty, just click "OK",

Tips: To protect your privacy, please set your password at your earliest convenience.

Right click mouse→go to Main Menu→System→Account→Modify Pwd and then set a

password. password can only be 6 to 12 digits, and no special characters.

4. Know the hardware (DVR)



- DVR with 13" monitor Please be subject to the actual products. 1 USB Ports: For mouse and data backup
- WAN/ LAN Port: Connect your DVR to the Internet 3 HDMI Port: For viewing on HDTV
- 4 VGA Port: For viewing on VGA monitor
- 5 BNC port: analog signal port 6 Camera's Power port

7 NVR's Power Supply (DC12V) 5. Things to check before installation

1) Package includes

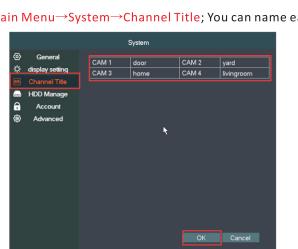
After the item is received, please check all products and accessories according to vendor's Package Includes description. If anything is missed or damaged, please

contact us.

②A test run 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 in section 6 to run the system. If everything works well, you can then go ahead and mount cameras to where you want.

4) Name cameras Click right go to Main Menu→System→Channel Title; You can name each camera here.

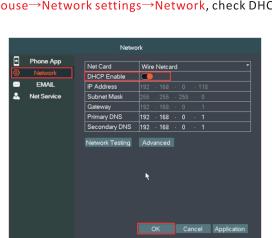
If there is any exception, please contact ANRAN support or your vendor.



7. Network setting -Get the system ONLINE

Without Internet connection, the system is a device that allows you to do all in the local. Getting the system ONLINE makes it an Internet connected device so you can do more with it remotely on smart phone or PC. Make sure the NVR had been connected to your router with a network cable and then

check its network status. Step1. Right click mouse→Network settings→Network, check DHCP is enabled and click Application.



6. Setup the System for Live View

(1)Preparation:

1. The ANRAN camera system.

2. A monitor or a TV. 3. A VGA cable or an HDMI cable. (Many monitors/ TVs have them as standard

4. A router for Internet connection.

②Steps to setup the system Please connect the camera systems as pictured below.



1. Connect the monitor/TV to the DVR via its HDMI or VGA port. 2. Connect the USB mouse to the USB port of DVR.

3. Connect the DVR's WAN port to your router with a network cable. 4. Connect the camera to the DVR using a BNC cable

5. Connect the DVR to the DC12V power adapter, about 1 minute later you will see

cameras' images on the monitor and then you are able to operate the system.

Step 2. Right click mouse→Network settings→Phone APP, you can see Network Status shows "Connected", which means NVR has been successfully connected to the network. You also could find the Device ID on this interface.



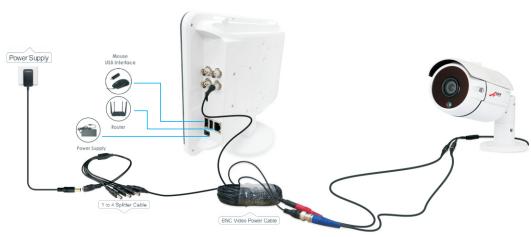
8. Viewing the Camera on Smart Phone

(1) View on mobile APP

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.







1. Connect the monitor to the DVR via a VGA or HDMI. (If your system comes with a monitor, please ignore it)

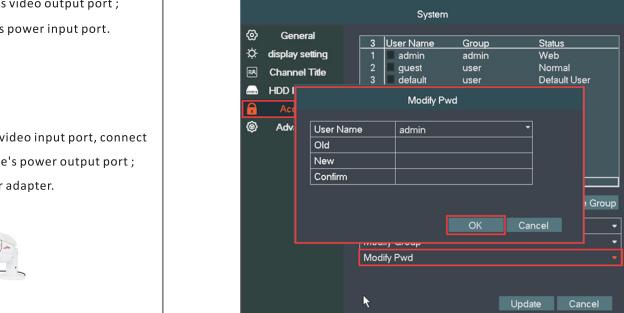
2. Connect the USB mouse to the USB port of DVR. 3. Connect the DVR's WAN port to your router with a network cable.

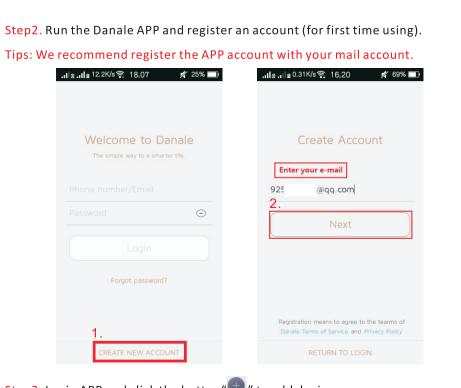
4. Connect BNC video power cable's video input port to camera's video output port; connect BNC video power cable's power output port to camera's power input port.

5. Connect BNC video power cable's video output port to DVR's video input port, connect BNC video power cable's power input port to 1-in-4 splitter cable's power output port; connect 1-in-4 splitter cable's power input port to DC12V power adapter.

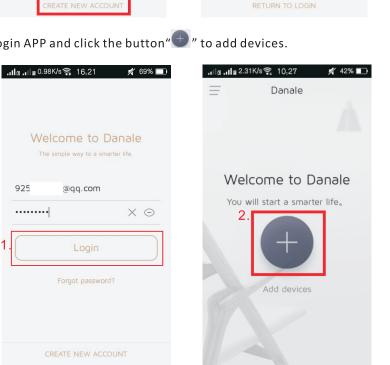


6. Connect the DVR to the DC12V power adapter, about 1 minute later you will see cameras' images on the screen and you shall be able to operate on the system.

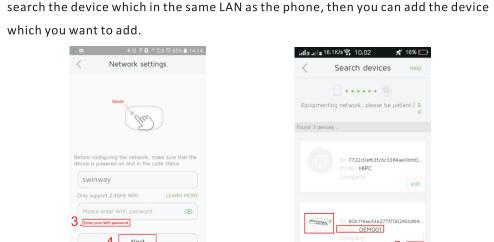




Step3. Login APP and click the button" to add devices.

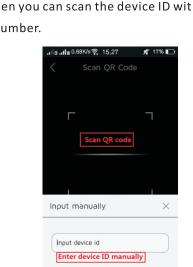


Step4. You can add the device by automatically search or scan the NVR's device ID. A. If your mobile phone connect to the WiFi which is in the same LAN with the NVR (normally means they are connected to the same router), you can add the device by automatically search. Please input your WiFi password, and then click "Next". The app will automatically

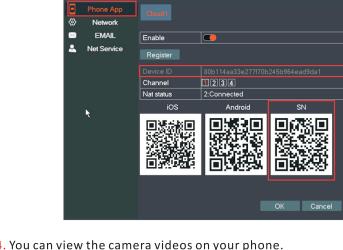


B. If your phone isn't in the same LAN with the DVR, you should not enter the Wi-Fi password. Please click "QR code to add", then you can scan the device ID with its QR code or manually fill in the NVR Device ID number.

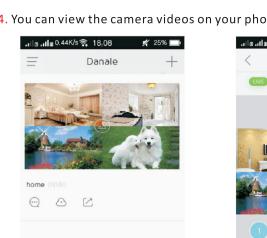




Tips: Device ID Number: Go to DVR system and right click mouse→Network settings \rightarrow Phone APP \rightarrow Device ID and SN.



Step4. You can view the camera videos on your phone. .i||g..i||g 0.44K/s 🛜 18:08 📈 25% 💷 home 🖒 🕸



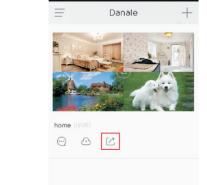
2)Share your video screen

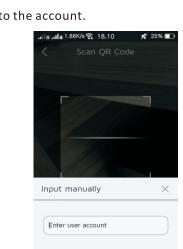
The first person who adds the device will be the only administrator. The other who want to add the devices to their Danale APP, they need to be shared by the administrator. Please refer to follow steps to add device by administrator's share.

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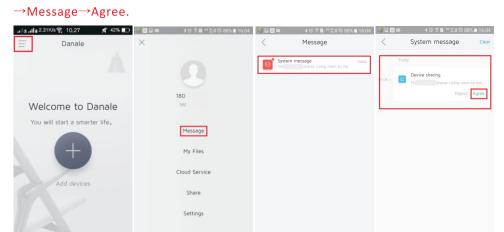
the button " 🗠 ", then enter a Danale APP account which will add the device and click "Next". The system will send a message to the account.

Step1. The administrator (the first one who add the device) login the APP and click





Step2. Login the Danale APP which was shared by administrator, click top left corner



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Advanced OK Cancel Applicati

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

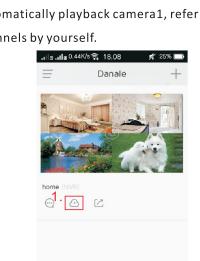
it to record 14pm--6am, you should set 2 recording periods as below.

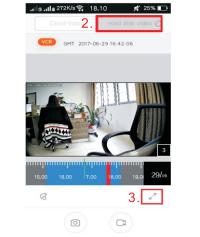
Step3. Then you can view the video on your phone APP.

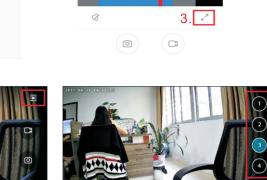
③Playback on mobile

The DVR must be installed a hard disk and record the video successfully before you 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.







Tips: Videos in playback are HD main streams, which require very good transmission condition. We suggest to playback in LAN. Remote playback out of LAN may not 100 % work due to connection & network condition. Fast forward & backward buttons may not work due to big video stream. Yet you can move to a certain time point by using the time bar.

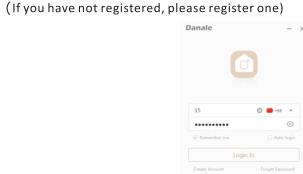
9. View camera on PC

 $^{''}$ Danale"CMS is a PC client software, which you can view the cameras video in local and remote. Please download and install the "Danale" CMS client software on your PC from the below link

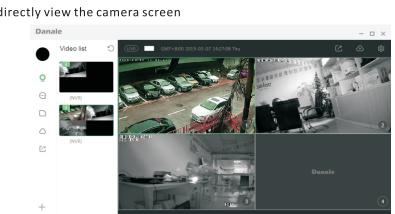
https://intl.danale.com/support • For the Android App: CLICK HERE • For the iPhone App: CLICK HERE

For the Mac/OS X software: CLICK HERE

You can use the mobile phone Danale APP account to login the "Danale" CMS client software, and the device which added by the Danale APP will auto added to the "Danale"CMS. Step1: Open "Danale" CMS, you can use the mobile phone Danale APP account to login (Computer client software and mobile APP is the same account and password).



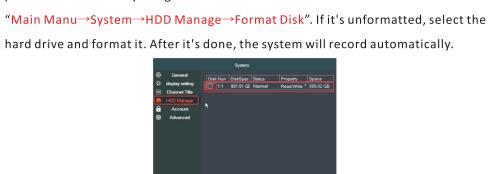
Step2:If your mobile APP has added the device, please double-click the device on the left to directly view the camera screen



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10. 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



2 System without preinstalled hard drive

③Record 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 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

Regular: Record according to time section setting. Detect: Within the set time section, trigger the motion detect video blind, video loss or abnormal analysis.

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

Advanced OK Cancel Application 15

Channel and check the Send Email. Final click "OK".

Advanced OK Cancel Application

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Need click

Can be any e-mail.

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.



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

Step3. Go to NVR system and right click mouse→Network settings→EMAIL, please set

Mail Testing OK Cancel Application

You email SMTP server. For example: smtp.gmail.com

Sender e-mail address (Gmail e-mail address) to send alarm

up email in NVR as below picture show. If mail tested succeeds, it is working.

4) Setup a record plan

14. FAQs

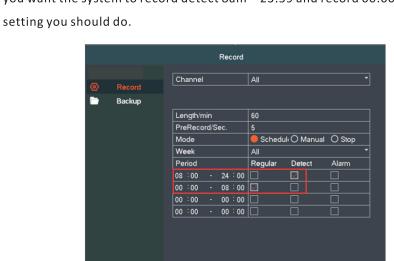
Q1. How do I format the hard drive?

Format Disk and format HDD

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

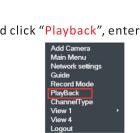
Advanced OK Cancel Applicati

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11. Playback video

The NVR must be installed a hard disk and record the video successfully before you playback it. Step1. Right click mouse 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.

A: Right click go to Main Menu→System→HDD Manage→Format Disk, then click

☐ 1-1 931.51 GE Normal Read/Write ▼ 889.02 GB

Format Disk Recover Application

Tips: The HDD which saves the video files must be set as read/write state. 16

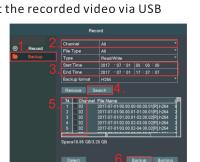
"Stop Playing", then you can select other channels to playback.

Tips: Maximum support for two channels playback video, and when you playback two of these channels, you can't click the other channels to playback, you need to click

12. Backup videos to USB storage

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



13. Email notification Please make sure NVR connecting to router and Internet successfully.

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



User Name Password

Receiver

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. or bigger, also the video mode is correct.

2. The monitor's resolution must be higher than the display resolution of NVR. If not, monitor is not able to show any image of cameras. The NVR default resolution is 1920x1080. If monitor can't show any image of cameras, it can prove the display resolution of NVR is higher than your monitor's, please adjust the resolution of your monitor to 1920x1080 or use a higher than 1920x1080 resolution monitor to connect

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.

Q6. What to do if hard disk drive can't be recognized?

20 1. If hard drive is not from us, please make sure your hard drive meets all requirements

Q2. Where to find the Device ID of the system and NAT status?

can get the APP QR code and Device ID number QR code.

A: Right click go to Network Settings→Phone APP. Check the "Net Status", when

it showing "Connected", NVR was successfully connected the network. Then you

2. Please kindly check the DVR power adapter, If the power is insufficient, will result in the hard drive unable to run. 3. Open the cover of NVR. Uninstall and install HDD for several times, and check if the SATA cable of the hard drive is loose. If loosed, please unplug and plug again.

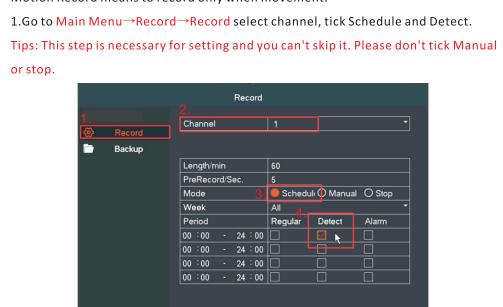
6. Contacting us for help. Q7. What should I do if I forget my password? A: If you forgot the new password created by yourself or the default password couldn't



Step2. We will generate a password when we get your mail, and send the new password Step3. Please enter the new password and click Login. Then the system will reboot and the password will revert to the default state.

Q3. How to setup motion detection recording?

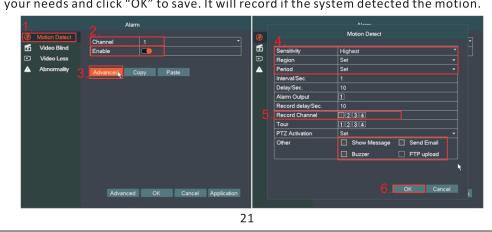
A: The NVR needs to install a hard disk drive for recording. Without hard drive, the system can show live viewing, but can't record, playback neither. Motion Record means to record only when movement.



2. Motion detect setting

Right click 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.

Advanced OK Cancel Application



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).

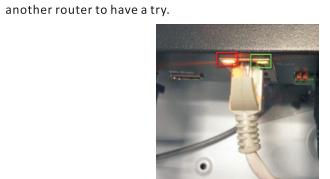
Support Center

ANRAN original manufacture offers professional technical support to all customers, please contact us at any time. E-mail ID: support@anran-cctv.com 1-866-958-6988 (US)

www.anran-cctv.com

18 Q4. What to do if DVR can't connect network?

A: Please refer to Q2. If the NAT status is not connected, it means the system failed to connect the network. You can try to do something as below. 1. Please check the yellow and green light on the Ethernet port of DVR. Green light



2. Right click→Main Menu→Check "Phone App" and "Network", check the "Cloud" and "DHCP" is enabled.

Q5. What should I do if there is no picture on the TV/monitor? A. If there is no any picture on TV/monitor.

Sender E-mail login password

The default NVR resolution is 1920x1080, please ensure TV resolution is 1920x1080 1. Please use other HDMI or VGA cable connect camera system and monitor.

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3. Please change the other monitor connect camera system and use the computer monitor to connect your system, the TV signal source may not be compatible.

> Format Disk Recover Application 23

B: If NVR can't recognize HDD, we can try methods below. a. The type should be SATA. b. Recommended use of specifications from 500G to 4TB hard disk,

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. Please share us result. 5. Unplug DVR or NVR from power and plug again.

For more FAQ and troubleshooting, please visit ANRAN support center. http://www.anran-cctv.com/support/

44-20 8610 1559 (UK) ver-2020-06

OK Cancel Application

should be light, and yellow light should be blinking which indicates the recorder connecting to router successfully. If not, please change the Ethernet port of router or

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