V-TAC®

INSTALLATION INSTRUCTION

4CH WIRELESS SECURITY SYSTEM

PACKING LIST

No.	Name	Quantity	No.	Name	Quantity
1	Wireless NVR	1	7	Quick Operation Guide	1
2	Wireless IPC	4/8	8	Screw for hard disk	1
3	IP Cable(1M)　for matching code	1	9	Screw for IPC	4/8
4	USB Mouse	1	10	Power supply for NVR	1
5	Antenna for NVR (black)	2	11	Power supply for IPC	4/8
6	Antenna for IPC (white)	4/8	12	IPC installation sticker	4/8

INTRODUCTION

Thank you for selecting and buying V-TAC product. V-TAC will serve you the best. Please read these instructions carefully before starting the installing and keep this manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best.

V-TAC®

1. Statement

Thank you for using our product, please contact us if you have any question.This guide is for Wireless NVR Kit.

Content may be modified and updated based on new function. The function of the actual products maybe a little different from the guide, please operate it referring to actual products.

2. Attention

① Do not install the wireless NVR in humid and dusty environment.

② Put the wireless NVR in drafty environment in case of ventilation port being blocked.

③ Check the power supply to avoid damage because of voltage mismatch.

④ Make sure the wireless NVR working within suitable temperature and humidity environment.

⑤ Please install the wireless NVR horizontally, and avoid vibration.

⑥ Short circuit may occur when dust become wet on circuit board. Please clean the dust on circuit board, connectors, and NVR case.

⑦ Explosion may happen because of improper replacement of battery, do not replace it by yourself; If you need, make sure it is the same type of battery. And do not open or repair it.

⑧ Please use suitable and professional hard disk to ensure continues and stable recording.

⑨ Lightning protection is needed when device is connected to communication cables. Ethernet cable which comes form outside, connecting to the wireless NVR directly is forbidden.

3. Open and Check

Open the package when received, put the products and spare part in suitable place, check them based on packing list. If there is anything broken or missing, please contact to us as soon as possible.

➢ Hardware

1.Hardware Disk Installation

Attention: Please use suitable and professional hard disk; Do shut off power before installation.

Step 1:Put the NVR on table horizontally, loosen 4pcs M3*6 screws,as picture1-1 shows;

Step 2: Push the cover to the back direction , connect data cable and power supply cable to the ports on hard disk separately, as picture 1-2 shows.

Picture1-1

Picture1-2

Step 3: Match the hole between hard disk and NVR case, as picture 1-3 shows;
Step 4: Put NVR on table sideways, fix hard disk with 4pcs BM6#-32*6 screws, as picture 1-4 shows;

Picture1-3
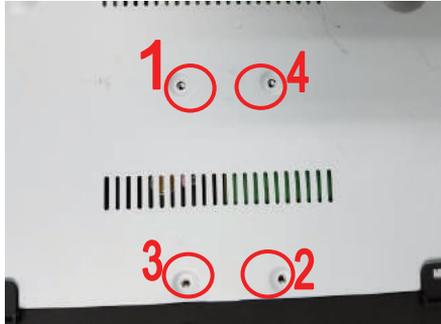
Picture 1-4

Picture1-5

2.INTERFACE

① Audio output Antenna
② VGA output
③ HD- output
④ Network port
⑤ USB interface
⑥ Power supply : DC12V
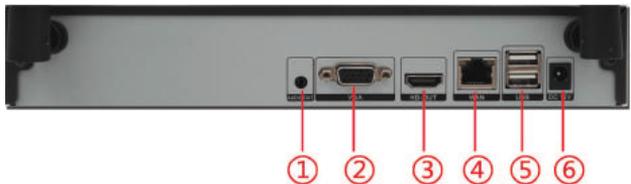
3.LOG IN/LOG OUT

Please make sure the voltage of power supply is matched with wireless NVR, and ground connection work well in socket. When power supply connected, indication lamp 【POWER】turn on, it means system runs smoothly.

4.INSTALLATION OF WIRELESS PC

Attention: The IPC should be installed on the wall with suitable thickness, which can sustain 4 times weight of IPC& spare part.

STEPS

① Hole location sticker: put the sticker on the wall, punch with 5mm drill in the marked areas, make sure the deep of hole is over 30mm at least.Then punch expansion screws in hole. As Picture 4-1 shows.
② Fixing IPC: The structure of wireless IPC is integrated, please use 3pcs PA4 screws to fix IPC on the wall. As picture 4-2 shows.
③ Bracket adjustment: loosen the screw on IPC, the range of angle for adjusting is showed on picture below,adjust the IPC to suitable direction, then tighten the screws. As picture 4-3 shows.
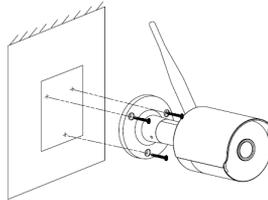
Picture4-1   Picture4-2   Picture4-3
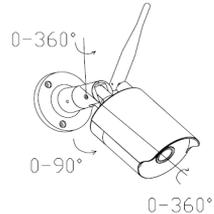
5.WIFI NVR KIT DIAGRAM

6.PLACEMENT OF WIRELESS PC

Right   placement   *Wrong   placement*

The shape of wireless NVR signal coverage is a ball, antenna is located in the center. Signal is strong around antenna, and weak in the dent area of the 2 antennas. Based on the signal spreading ways, please make the wireless IPC keeping parallel or tangent with wireless NVR, which ensure stable signal transmission and better picture quality.

6.EXTENDING SIGNAL COVERAGE RANGE BY ANTEENNA EXTENSION CABLE

When there comes to no/stuck image because the barrier weaken the signal, user can replace the antenna with extension cable, to bypass the obstacles, user can place it in a better signal position of NVR.

V-TAC®
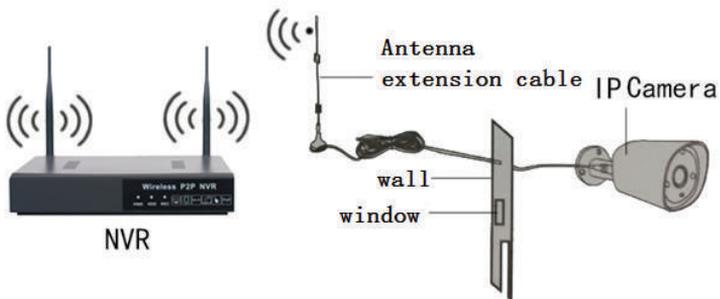
1. Code Matching & IPC Adding

① Right-click on main interface, select 【IP Camera】- 【Add】- 【Match Code】
② If just match one device, please connect IPC and NVR with IP cable in WAN port. For multiple matching, please connect IPC to switch, and connect NVR to switch in WAN port.
③ Click 【Match Code】, system will match the code between IPC and NVR.
④ When finished code matching, click 【Search】, then select 【Add All】. User also can click to add it and view picture

📝 Attention: The code has been matched before output, user no need to add the IPC again, picture will be shown automatically when power on. For code matching, please follow the steps above, and delete the useless channels.

	IP Camera
	Menu
	Screen ▶
	Wired network
	Wireless Config
	Manual Record
	Playback
	Image Color
	Start Patrol
	Guide
	Quit

Add IP camera ✕

Search	Add all	Manual	Match Code

Num.	IP	Port	Status	Device		
1	172.25.123.3	554	Already added	3C:33:00:F6:D3:30	⚙	⊕
2	172.25.123.4	554	Already added	3C:33:00:F6:D7:E5	⚙	⊕
3	172.25.123.5	554	Already added	2C:73:60:12:85:ED	⚙	⊕
4	172.25.123.6	554	Already added	2C:73:60:12:86:10	⚙	⊕

2. Record & Playback

① Check the hard disk. Right-click→【Menu】→【Disk】. Make sure hard disk is connected to NVR and run normally.
Attention : please format hard disk, it can come into using after showing capability
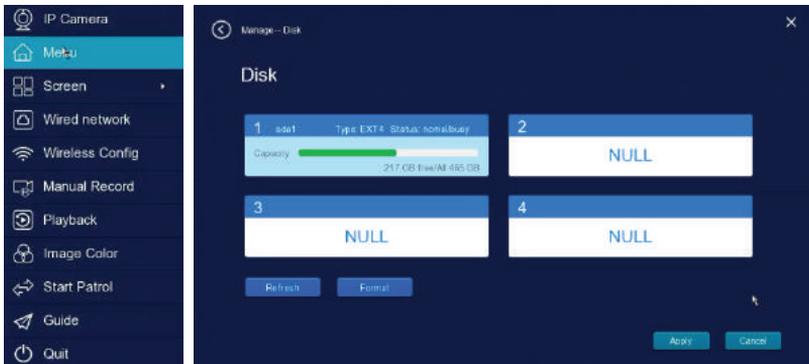
② Timing and alarm record: 【Menu】→【Record】→【Record Time】→choose type→【apply】.

Attention: Wi-Fi NVR system is default setting 24h manual record, and also,【All Day】/【Daytime】【Night】/【Custom】are for optional

③ Manual Record: Right-click →【Manual Record】→choose recording channel →【Save】(Actually, the Wi-Fi NVR system have default set 24th recording)
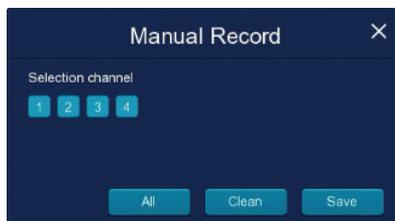
④ Playback: Right-click → 【Playback】 → choose channel and date → double click date to query→ double click timeline to check record.

3.Backup

Insert U disk to NVR USB port→ Right-click→ 【Menu】 → 【Record】 → 【Backup】 → choose time, channel and type→ 【Query】 → select target file → 【Start Backup】 (some wireless NVR will just 1 USB port, please pull out mouse and insert backup device in 45S after click 【Start Backup】.

Attention: If target file can not be searched out, please click 【Empty】 → 【Add】 . Please remove the files which is no need before backup. Ensure insert device(like USB) in 45S, as system reserved searching time for it is 45S.
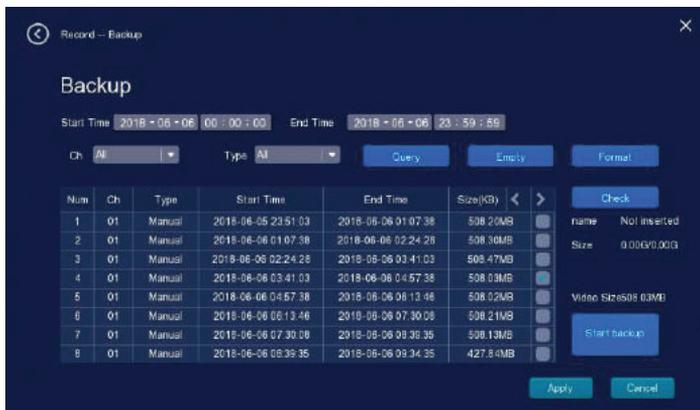
4.Motion Detection Record

① Right-click→【Menu】 → 【Alarm】 → 【Motion Detect】 → choose target channel→ click 【Enable】 →
Set Sensitivity & Area & Time & Alarm mode→ Choose Channels for recording when Motion Detection Alarm is
triggered→ 【Apply】.

② Back to【Record】interface→【Record time】 → 【Custom】→ set record period of target channel→ click
【Motion】→【Apply】. User can also set shelter and linkage alarm in the same way above.
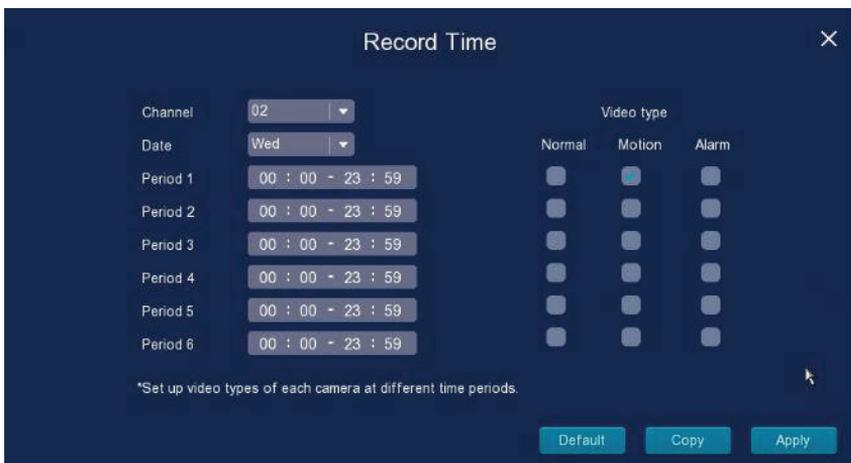
5. Internet Connection

【Menu】→【Wire Network】
In LAN, there are 2 ways for wireless NVR to connect to Internet.
Manual setting: Fill in IP address, DNS data, and click 【Apply】.
DHCP: open DHCP, device will connect to Internet automatically, no need data setting.
If user doesn't familiar about the network environment, prefer use DHCP first, please.
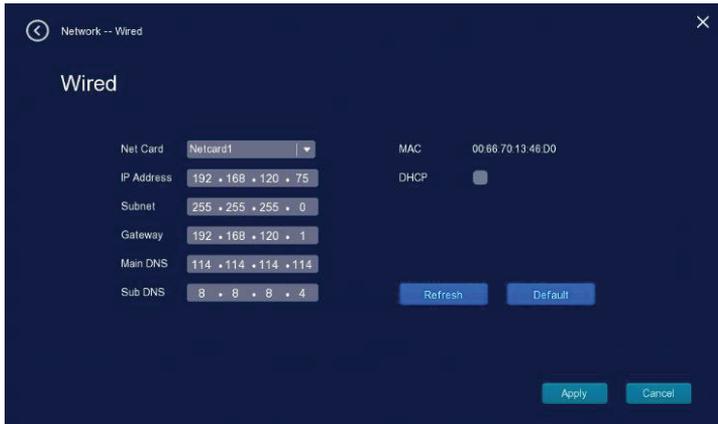
Bridge
Bridging function: to expand the coverage area of wireless signal.
IPC in further area can connect to near IPC via Wi-Fi signal and connect to NVR finally. It could extend transmission distance for complicated installation scenes.
① Steps: 【Menu】→【Channel】→【Bridge】
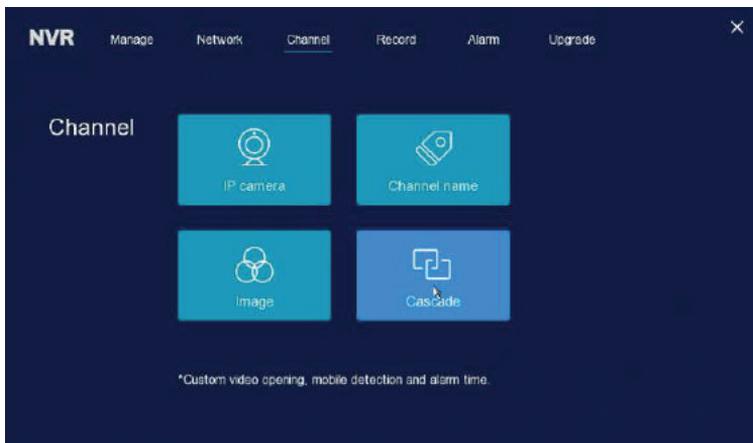
② Add: click to add target channel/camera. If no this icon, then can't set bridge function
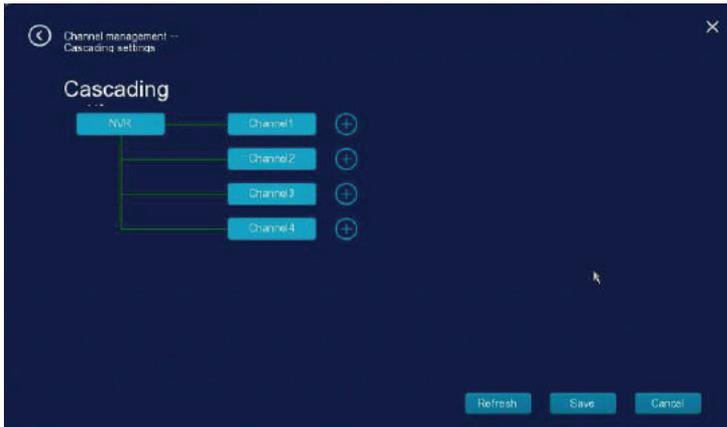
③ Picture below shows 2 connect types

a. One by one: CH3→CH2→CH1→NVR
b. Connected directly to NVR: CH4→NVR
Don't forget to click 【Apply】to finish bridge setting.
Attention: when installing camera after set bridge function, please prefer the one which connect NVR and IPC, ensure this camera is placed in a better signal location(open area, less obstacle) , power it, image showed, then the next one. For example, like the picture below, user can install camera 1, then camera 2, then camera 3.

④ Delete -

Move mouse on a channel icon→ left-click→ 【Save】
The camera which is deleted will connect to NVR automatically after 30S.
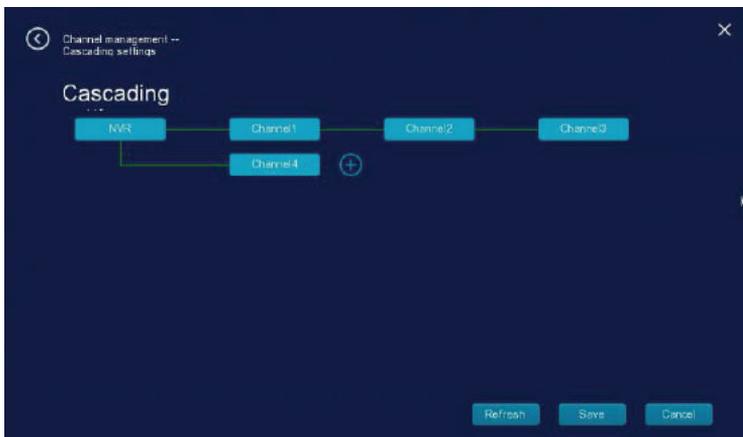
Wire connect

Wireless connect is very convenient, and wire connect is also a good supplement.
In some complicate scenes, like too much thick obstacles/metal which will weaken signal, even lead to disconnection, then wire connect will help to solve it to ensure image clarity and stability.

Steps:

① Connect IPC and NVR with network cable directly or through switch, 【Menu】→【IP camera】→【Search】→ select target IP address(as the IP address is the same before modify)→ →【Modify the device IP】.
② Delete the channel which no need to add→ double click the target IP address to finish connection.
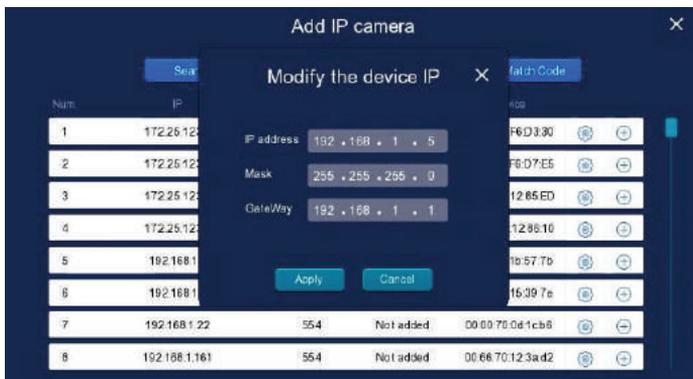
MOBILE PHONE VIEW

① Software download: user can download "Danale" on Android market/App store, website download address is : http://www.danale.com/danale/downloadCenter.jsp , also, customer can scan QR code below.
② Open Danale, and sign up a personal/company account
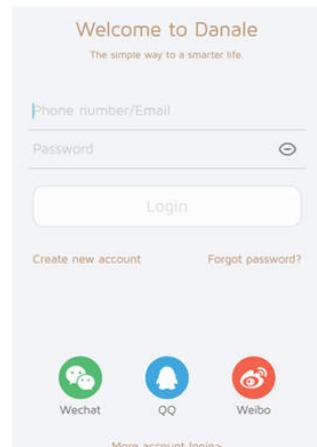
③ Connect NVR with router by network cable directly to ensure it is connected to Internet and IP address on NVR is valid.
Steps: Double-click→【Wire Network】 → set IP address.
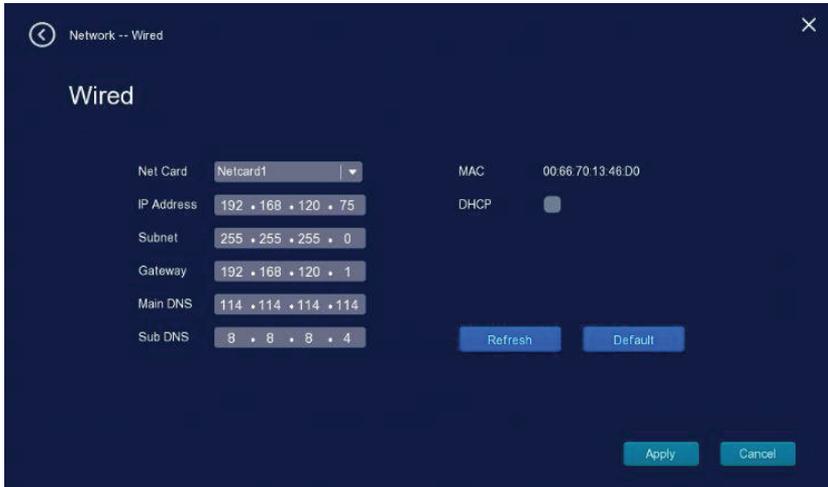
Attention: If not familiar about the LAN environment or the device is in private network, user can turn on "DHCP", which ensure gaining IP address automatically. If familiar about LAN, user can set it and DNS manually to connect to internet.

④ Open P2P function, as picture below:
【Menu】 → 【Network】 → 【Mobile】 → 【Enable】 , click【Refresh】to let the status shows "online".
If shows "Not online" more than 5 minutes, please check step ⊠ to ensure NVR is connected to Internet

Adding Device

1) Logging in Danale, click → 【Scan QR code】 to add device, if the account have added camera before, interface will be like the second picture, please choose the top right icon .
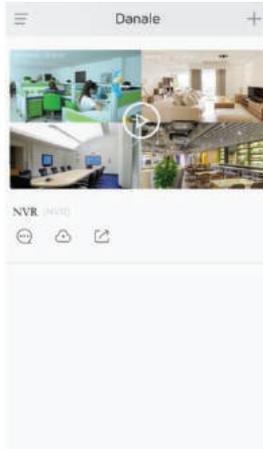
2) Scan device's ID QR code or click " " to input it manually In the pop-up interface, then name the device to finish add it as follows:
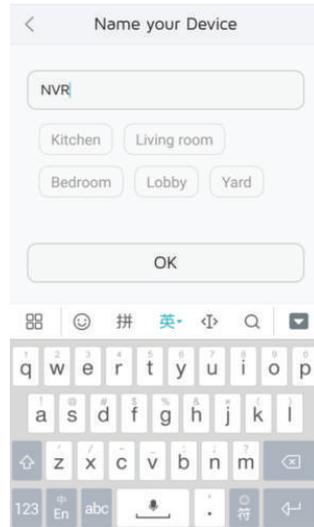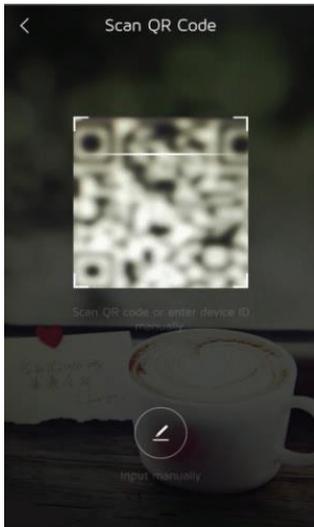
Preview:

Cick device in list to enter preview interface, select a channel to view it's picture, click ⤢ to enter full-screen, as follow shows:
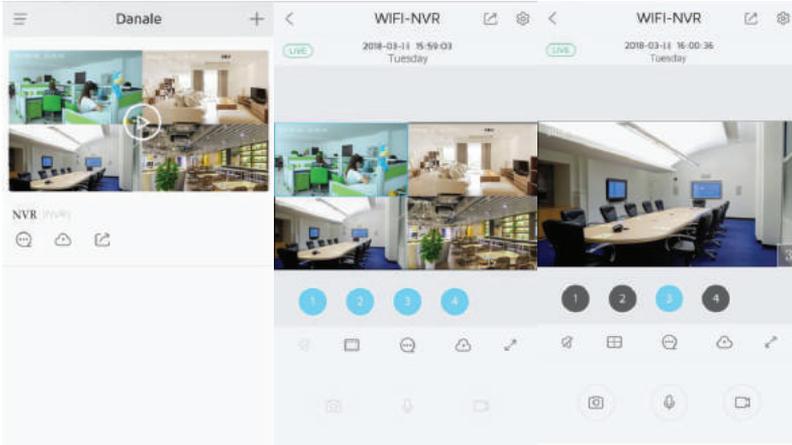
Preview: Interface Icon
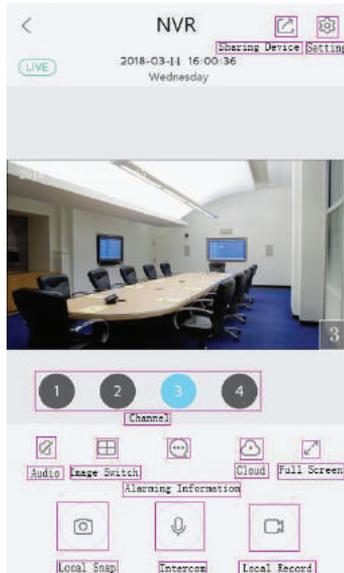
Sharing With Others:

click " " , input account or scan account QR code to share to others. and click 【Next】 .
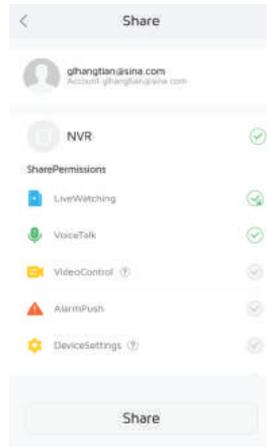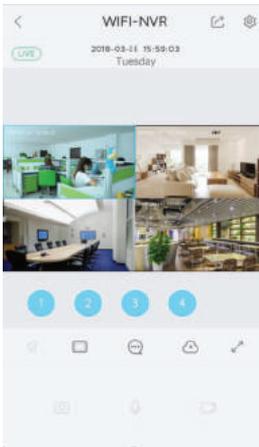
Playback:

Select " " on the interface, click "Hard disk video" to enter related playback interface, user can drag timeline to playback the video in different time, and click   to switch channel or to change to target channel.
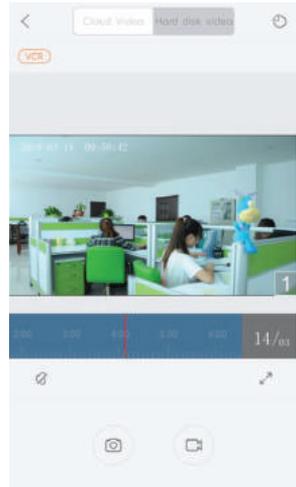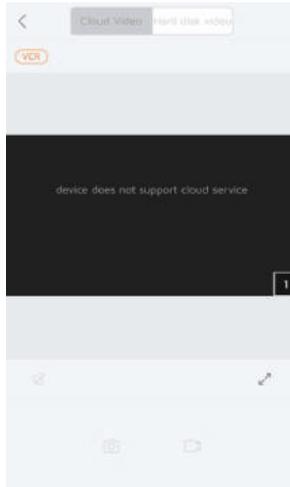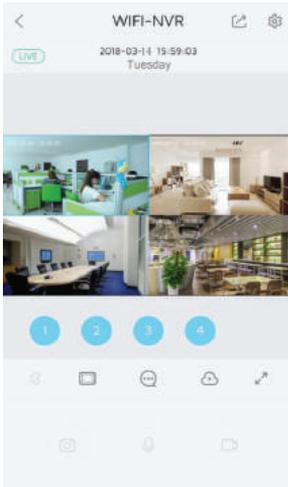
PC view

① Software install: download address : http://www.cnjabsco.com/download/lists.html;
User can search tools software, choose version, download it according PC system.

NVS

② Please ensure Danale account have been signed in and added camera successfully on cellphone, open software, input user name and password, select 【Login P2P】

Attention: user won't log in an account or find a device without a registered account/ no camera have been added on it. User can't view the video on cellphone and PC by the same account simultaneously
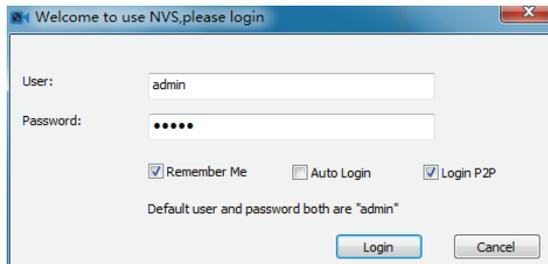
③ Danale on PC will show the added device on left list after logging in, select 4 split display, click device list to choose a channel or right-click to connect all.

④ If don't select 【Login P2P】, input user: admin, password: admin, customer can search and add all the device of the LAN.
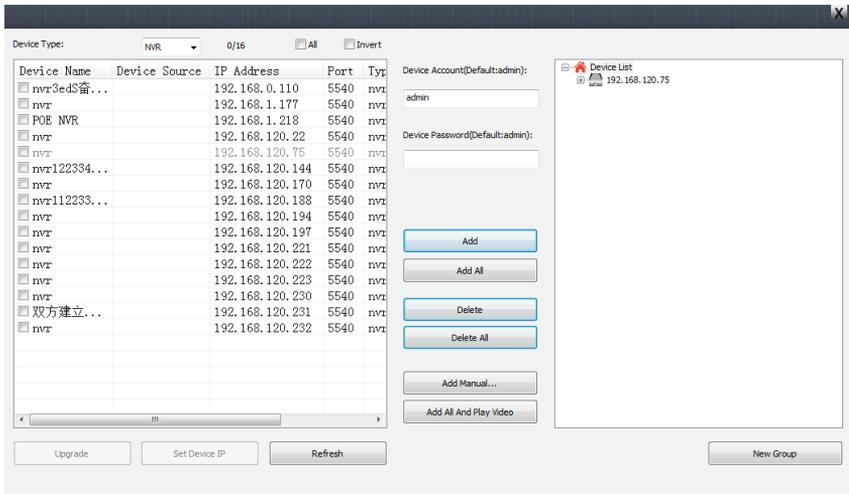
IE View

① Connect WAN port to switch with IP cable.
② Check the network wire network IP address , put it on IE.

Attention: The segment of NVR and PC should be the same.
① Log in IE, input the user name and password (user name: admin, no password) , click 【Login】 .
Attention: please click 【Download plug-in NEW】 for install plugin for the first time, and remember to log out Internet Explore in procession
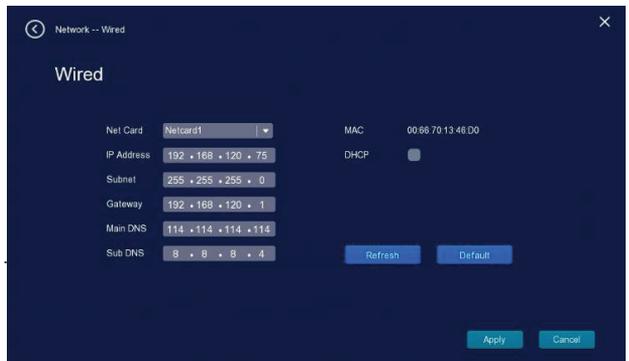
② Click and choose 【Live View】 , user can view the picture and set data on the user interface, picture as below.