WIRELSEE KIT

Statement

Thank you for purchasing our product! This quick user guide will talk about main usages of the product.More information can be found on our website and the help center. This user guide may contain inaccurate content due to hardware and software upgrade.It is subject to change without previous notice.

Safety Caution

1.Please do not put any fluid container on the product.

2.Please use the product in ventilated environment and prevent blocking the vents.

3.Please use included power supply with the product to prevent damage to the product.

4.Please use the product under its standard working temperature and humidity.(advised in this manual or distributor's website)

5.Dust on PCB may cause short circuit.It is suggested to clean the dust on PCB timely to make the product work properly.

6.Please obey the regulation and policy in your country and area during the installation of this.

Before Installation

This product may require cabling , we suggest to test all products&parts before installation and cabling.
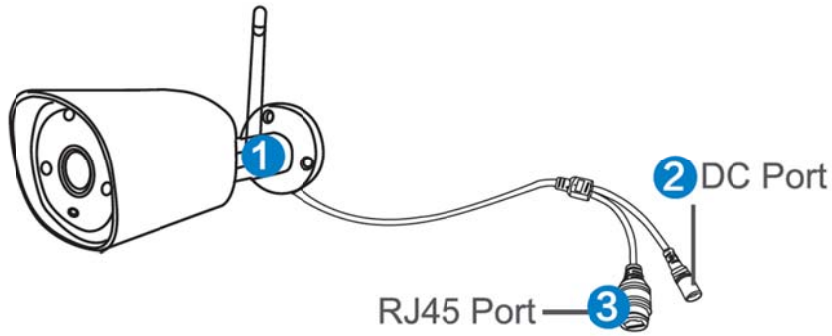
NVR
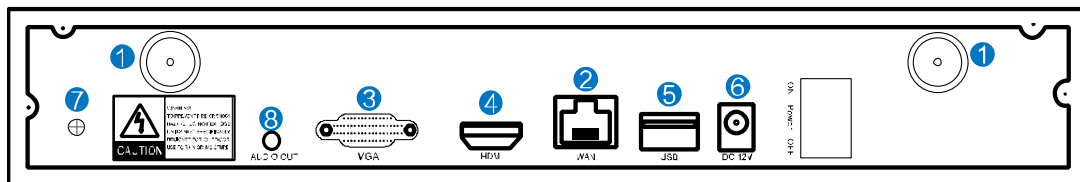
1、**WIFI Antenna Ports:**Double antennas to WIFI range

2、**WAN Port:**Connect your NVR to Internet

3、**VGA Port:**For viewing on VGA monitor

4、**HDMI Port:**For viewing on HDTV

5、**USB Ports:**For mouse and backup
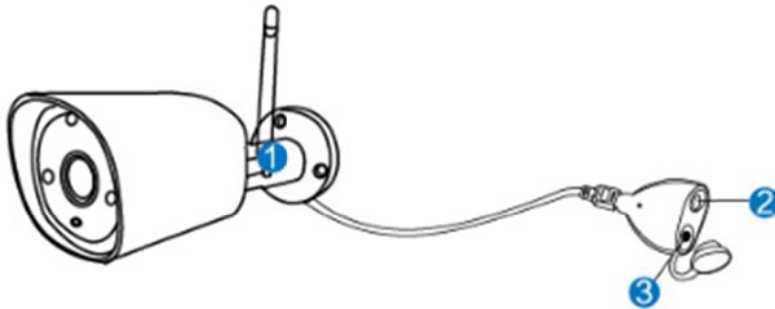
6、**Power Input**

IPC

1. IPC with RJ45 connector

①**WIFI antenna:** WiFi connection with NVR；

②**DC Port:** input power 12V 1A;

③**RJ45 Port:** for matching code and wired connection between IPC and NVR. Our WIFI NVR KIT is already matched code before leaving factory. If users need to re-match code or use wired connection, please refer to how to add IP camera as below.
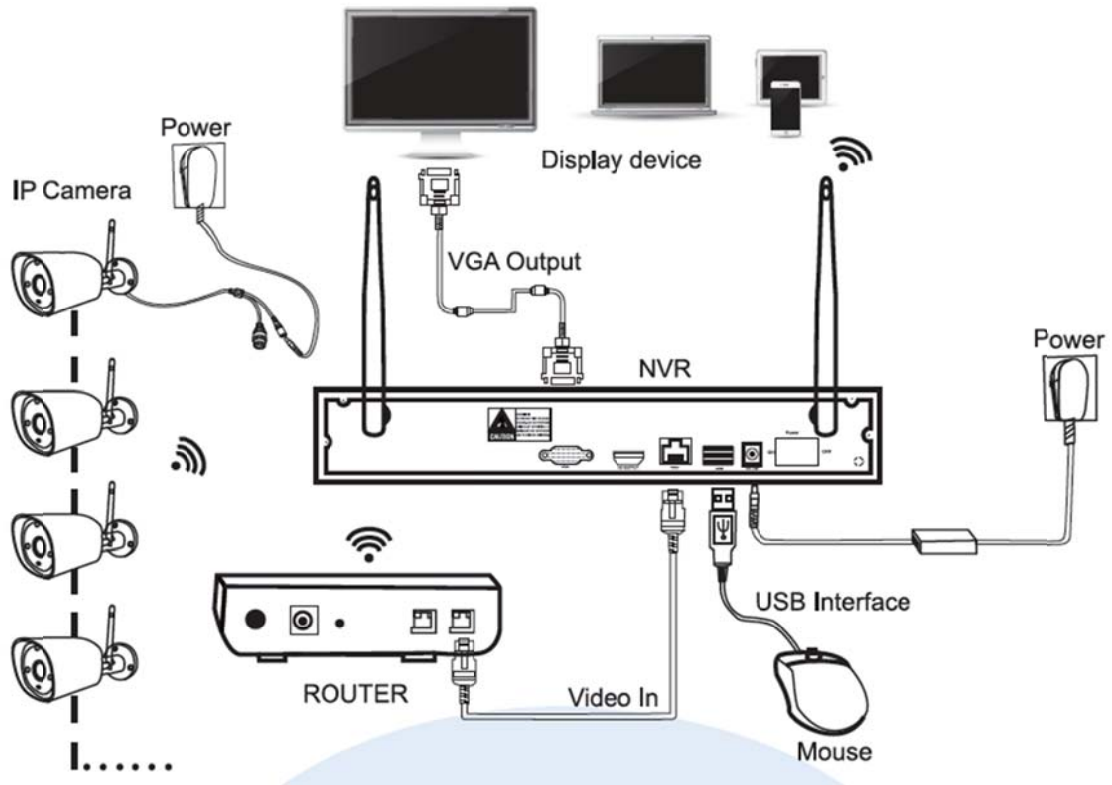
2. IPC without RJ45 connector

①**WIFI antenna:** WiFi connection with NVR；

②**DC Port:** input power 12V 1A;

③**Reset button:**press reset button for 10 seconds to restore factory setting and enter into matching-code mode.

Installation Instruction Of WIFI NVR KIT

Note:
Wireless NVR can't be connected to WIFI router wirelessly at present. They can be only connected by network cable.

Setup The System

This system is standalone with embedded Linux Operating System in the NVR. Just like a desktop PC, need to hook a screen to the NVR to enter the OS. Any TV , monitor with VGA or HDMI input should work for it.

1、Install antennas for cameras and the NVR;

2、Connect a screen to the NVR via its HDMI or VGA port(HDMI and VGA cable not included);

3、Plug the NVR to power(use bigger 12V 2A power adapter);

4、Plug cameras to power(use smaller 12V 1A power adapters);

5、Within seconds, you should see camera's images on the screen;

6、Plug the mouse(included) to an USB port on back of NVR. You shall then be able to operate on the system.

In the OS you can find fullest functionalities including live view, record, playback, video backup and all settings.

Default ID: admin Password: none (means leaving the password empty, just click login)

Tips： To protect your privacy, please set your password at earliest convenience. Right click the mouse→Go to System Setup→System Admin →User Management to set password.

HD Install

the system may not include hard disk depending on the kit you selected. the NVR works most

3.5" SATA HDD or 2.5"SATA HDD

1、Unplug your NVR from power,unscrew and remove the top cover.

2、Connect the SATA power and data cables from the NVR to the corresponding ports on your HDD (as shown).

3、holding the hard drive and the DVR ,gently turn it over and line up the holes on the hard drive with the holes on the NVR. using a phillips screwdriver,screw the provided screws into the holes and assemble the cover.

Note：New HDD have to be formatted before recording.

To get better WIFI signal, it had better place the NVR in open area and high position.
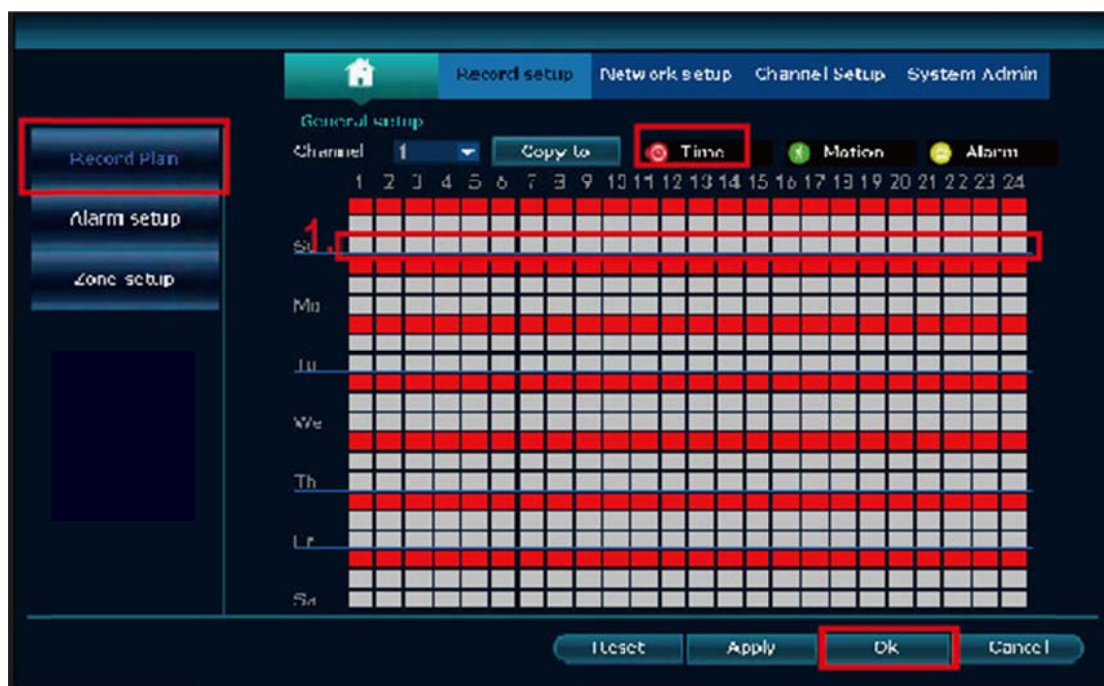
Record Video

Record video is very easy on camera system.

1、Time Recording: Setup period of time of recording on NVR GUI .Right click mouse→System Setup→Record setup→Record Plan.Click "time" and put mouse icon on the upper left corner(for example "1" as picture shows),press and drag the mouse to the right to choose the time.The list will turn to red.

2、Motion Recording: Only detect motion and then start recording.Right click mouse→System Setup→Record setup→Record Plan.Click "motion" and put mouse icon on the upper left

corner(for example "1" as picture shows),press and drag the mouse to the right to choose the time. The list will turn to green.

3、Alarm recording: Right click mouse→System Setup→Record setup→Record Plan.Click "Alarm" and put mouse icon on the upper left corner(for example "1" as picture shows),press and drag the mouse to the right to choose the time. The list will turn to yellow.

Note: Users can setup any period of time they want,for example 0:00:00-23:59:59,That's 24 hours *7 days recording.When NVR detects hard disk,the default setting will be 24 hours*7 days recording.


Video Playback

Steps:right clik mouse in main menu→Video playback→choose date,channel,record mode→ click search→then can view playback file.

Warm prompt:

1. IIlustration for playback button: ▶ play, ⏸ pause: ⏩ fast forward*2,*4,*8；

2. Play file: Choose the recording file in file list,as number "1" shown in picture. Choose one of the recording, click "play" to play to recording file;

3. Video backup: Choose the recording file in file list,as number "1" shown in picture.insert the U flash disk, click "video backup" to backup the file;

4. Timeline: Click "date" and "time" at left bottom to check the timeline of recording, as number "2" shown in picture;

5. On the timeline with recording file,left click the mouse, the can playback the file.
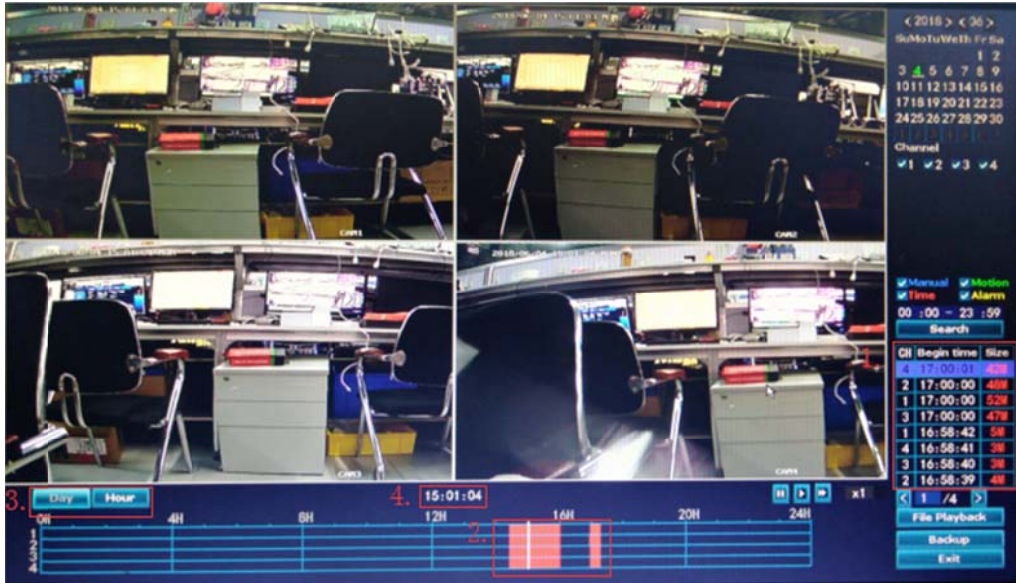
Video Backup

Use U disk to copy video,so easy and convenient!

1、2 USB ports: Plug U flash disk into the USB port of NVR. Right click on main menu→Video backup→choose backup channel→choose video mode→setup searching time→search→choose recording file on the list→video backup **(support 32G U flash disk at max. Recording file is packed one hour per time.)**

2、1 USB port: Right click on main menu→video backup→choose backup channel→choose video mode→setup searching time→search→choose recording file on the list→video backup, insert U flash disk within reminding 1 minute, then the system will backup recording file to U flash disk.
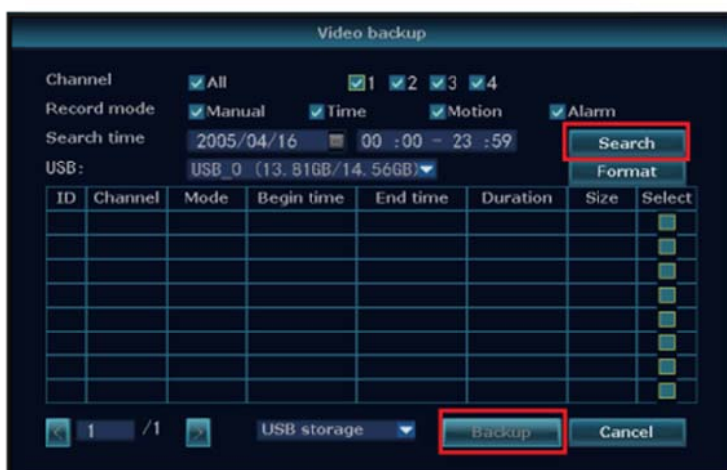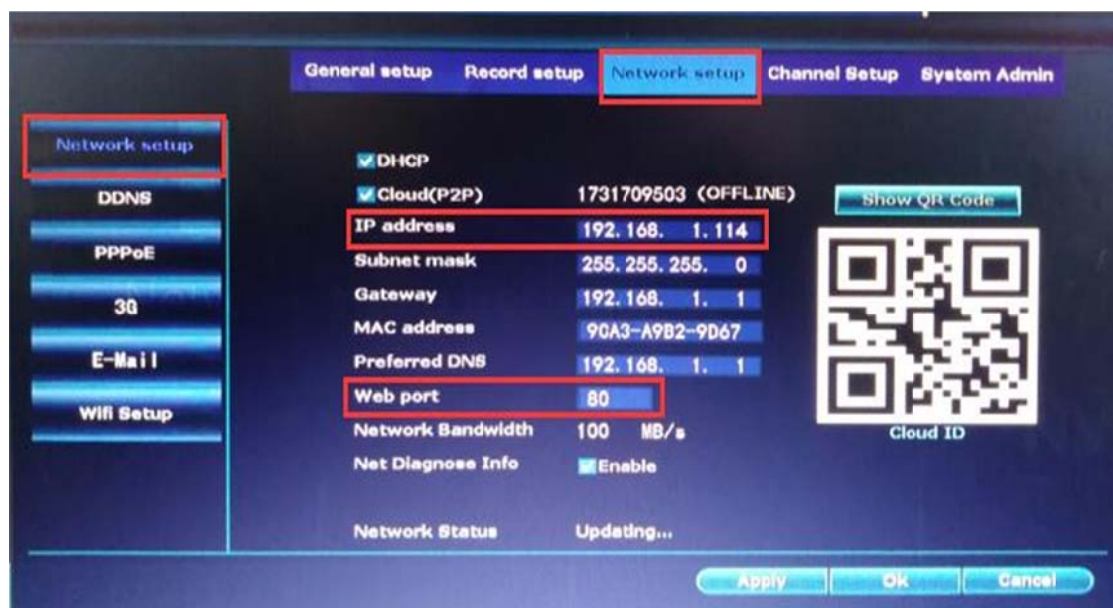

## View On PC Via IE(Internet Explorer)

1、When your PC is in same LAN with the NVR（normally means they are connected to the same

router）

Step1.Find the IP address and port# of your NVR(IP address can be found in System Setup→ Network Setup).

Step2. Enter the NVR's IP address in your IE browser for example: http://192.1.1.7(If the default WEB port 80 has been changed e.g. to 100,you'll need to add new port number when input IP address in the browser, for example: http://192.168.1.7:100).
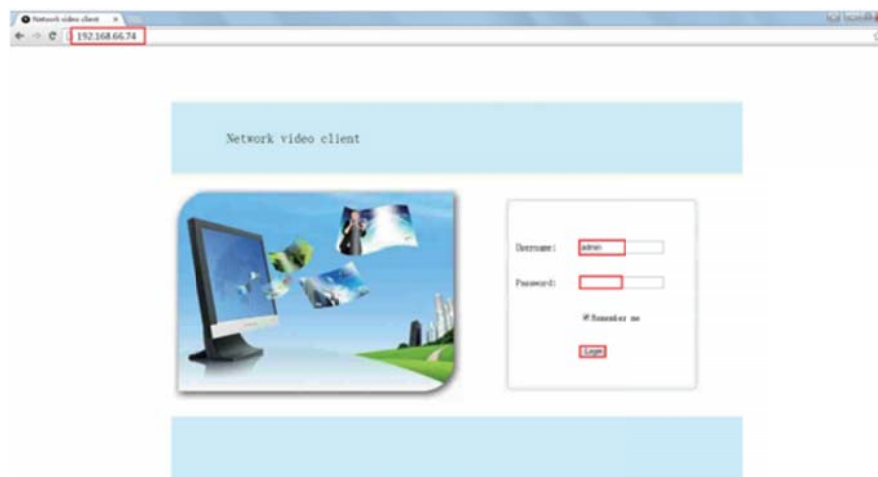
2、When your PC is out of local area network with the NVR(For example: view your home cameras from your office PC).Access with Device Cloud ID

Step 1. Open your Internet Explorer(IE) browser and visit:**www.e-seenet.com.**

**Step2.** Input Device ID, User name and password to login.

(Device ID can be found at the right bottom corner of the NVR monitor, status should be "ONLINE", default User name is "admin", and default Password is empty.)

View On Mobile

1、Download the APP "IP PRO3.0"

Users can use cellphone to scan the QR code below to install the APP free of charge,or users can search "IP Pro 3.0" on APP store or Google Play then install the APP .

iPhone APP   Google play APP   APP download
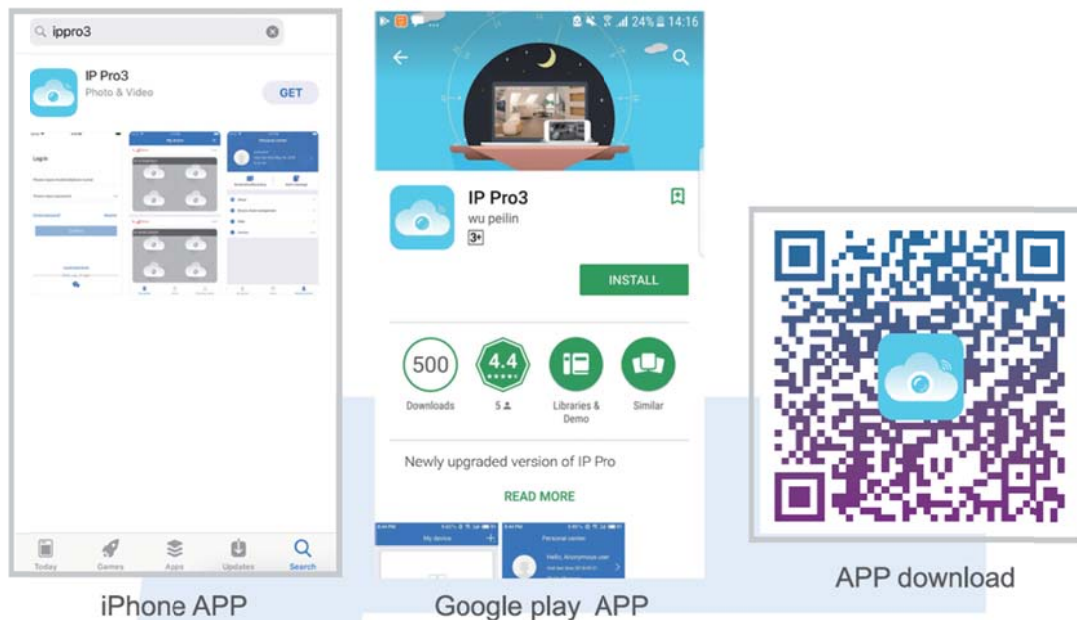
Note:For IOS system,it requires IOS 8.0 version or above.For android, android 4.4 or above.

2、Add the NVR system to your APP device list

Run the APP "IP PRO", login with your account or choose Trial→Click "+" to "Add device by ID" （find it the NVR's Network setup, or right bottom corner on screen),Description(e.g. Home Camera), User name (default user name is "admin")and password(default is empty)→Submit to get back to your device list→Click the device to view the cameras.

Tips: if you've set a password on your NVR system, please update your password on APP to view.
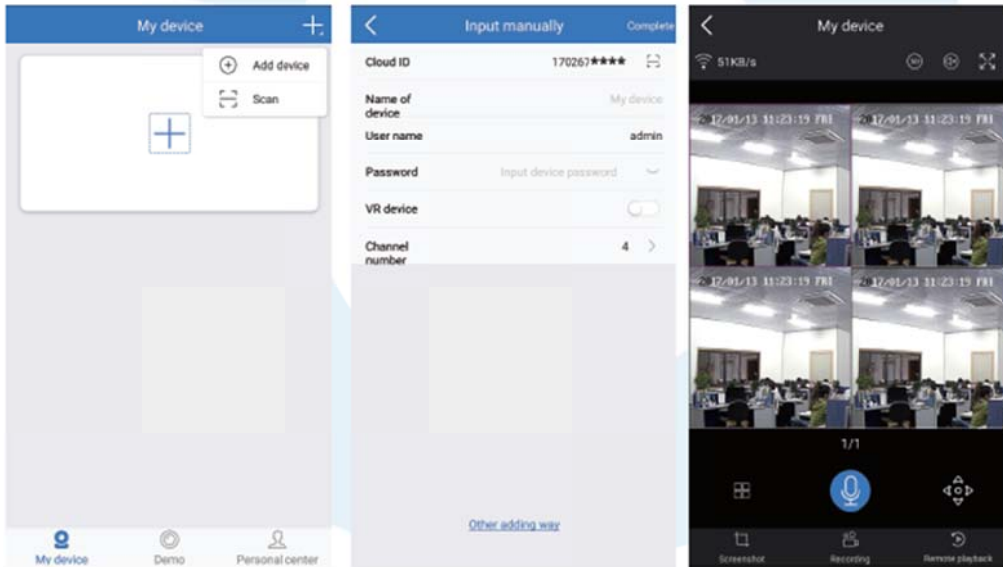
Playback On Mobiles

In the IP PRO APP，while viewing live video of the system, click Playback, you will enter the remote playback menu. The APP automatically playback camera 1, you can switch channels the CH.
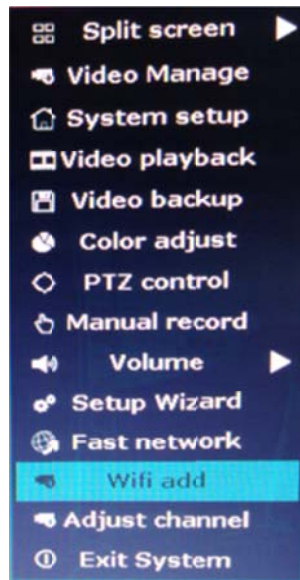
Tips: Videos in playback are HD@real time which requires very good transmission condition. We suggest to playback in LAN. Remote playback out of LAN may not 100% work due to connection & network condition.
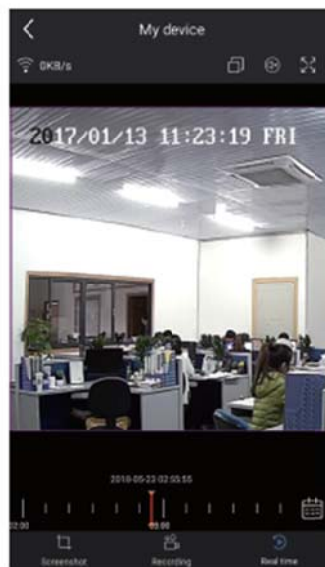
MENU-DO What

Menu bar

Click right button you can enter the main menu; click right button again you can exit the current menu or return.

Split screen: change status of live view. You can choose to view multiple cameras or any single camera.

Video Manage: manage IP cameras and NVR channels.

System setup: all system settings.

Video playback: playback recorded videos.

Video backup: backup recorded videos.

Color adjust: adjust the image setting of each camera.

Manual record: shortcut to change the record settings.

Volume: Adjust volume of audio cameras(works only for audio cameras).

Setup Wizard: step by step guide of 1st time general settings.

Fast Network: shortcut to network settings.

Wifi add: add IP cameras into NVR channels wirelessly.

Adjust channel: adjust the order of the NVR channels.

Exit System: logout, reboot, close screen output and shut down the system.

System Setup

Click right button→Choose System setup; you then shall enter the menu that enables you to do all settings related to this system.

● **General setup(**This enables you to set)

Language

Time

Display resolution

HDD informaion

● **System admin(**This enables you to set)

System version

System maintenance including system upgrade

User and password management

Restore to default settings

System log

- **Record setup(**This enables you to set)

Record plan for each channel video detection

- **Network setup(**This enables you to set)

  All network related settings

- **Channel setup(**This enables you to set)

Manage channels and cameras

Add wireless camera

Before leaving factory, NVR kit is already matched code, the image will come out when the kit is powered. Anyway, there is range limitation for the WIFI signal from NVR. When cameras are out of this range, they can't be connected to NVR wirelessly. Then users can use network cable to connect cameras and NVR, as picture showed below:
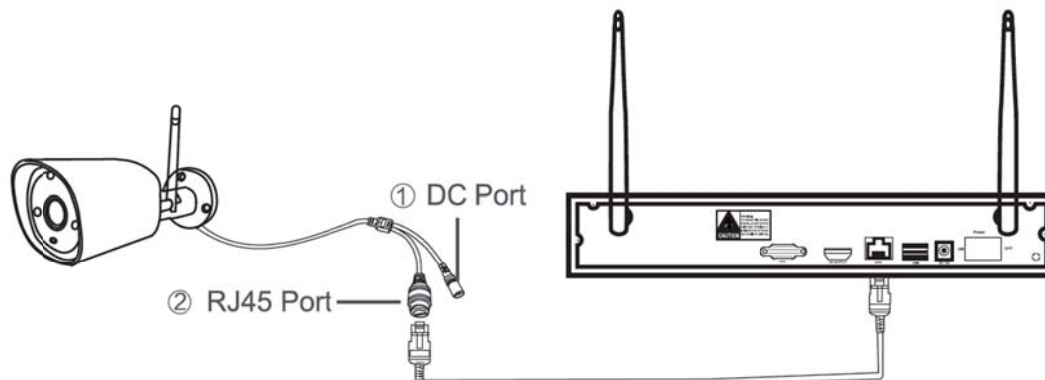

Step 1: plug NVR and cameras to power, after NVR start, right click mouse→Wifi add →match-code interface, NVR will search camera under matching code model automatically.

Step 2: wireless camera has two kinds, including camera with RJ45 connector and camera without RJ45 connector, their way to match code as below:

① for camera with RJ45 connector, after start, use network cable to connect with NVR, match code automatically, no need to restore.

② for camera without RJ45 connector, after star, hold the bottom line of camera for 10 seconds to get in match code model, it will match code automatically, no need network cable.

Step 3: when you can find IP address of camera on screen, matching code complete, click "Exit" to finish.

Notes: for camera without RJ45 connector, its process of getting into matching code will last 10 minuets. After 10 minuets, please restore camera to get into matching code model again.
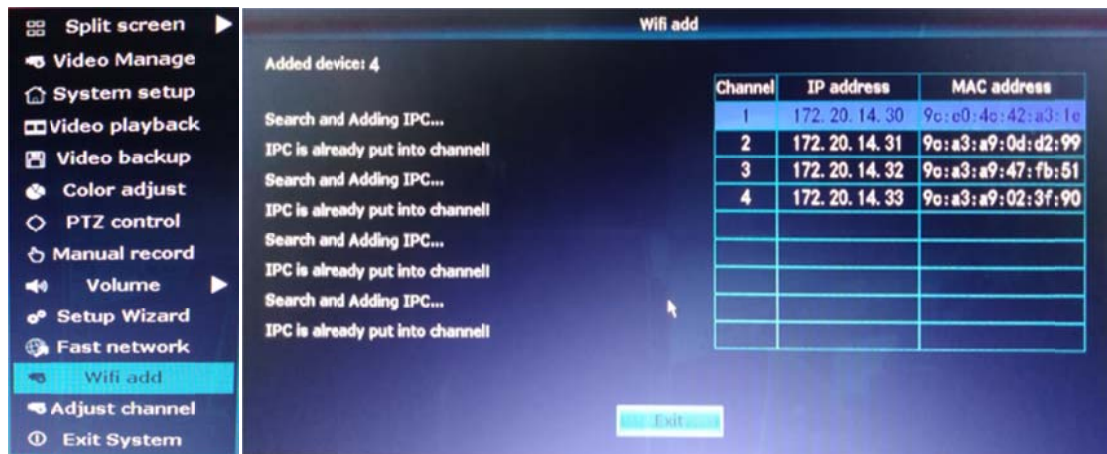
Extend WIFI Range

Wireless connection is easy and convenient, but it's not universal application. Because of the character of WIFI, the WIFI signal will decrease when going through some obstacles. Some methods can be applied to bypass obstacles and extend WIFI range.

1、Position The Antenna Correctly

WIFI range is like an apple and the antenna of NVR is in the center of it. WIFI signal is strong all

around the WIFI range. Antenna of NVR should be put straight up, if not, WIFI signal will be weak.

According to the signal transmission character of antenna, the antenna of cameras should

overlap or parallel to NVR WIFI range, as pictures showed below:

correct method   fault method
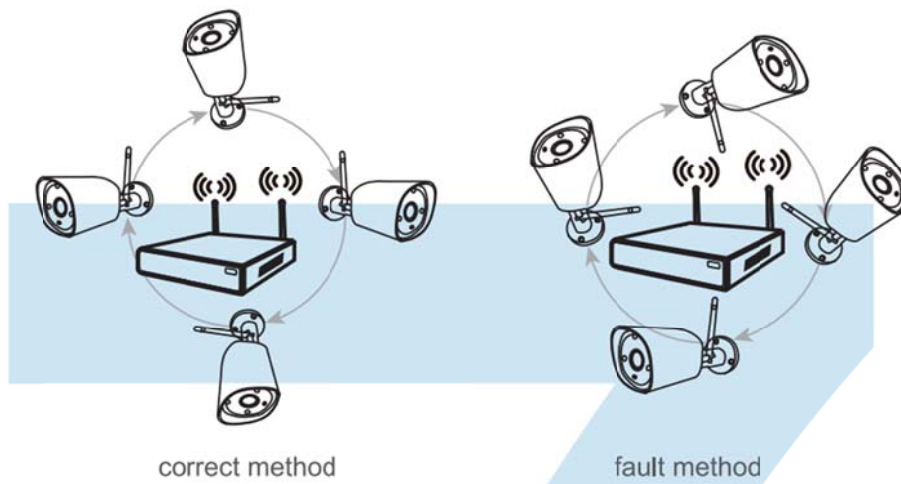
2、Use Antenna Extension Cord to prolong WIFI distance

Installation method of antenna extension cord
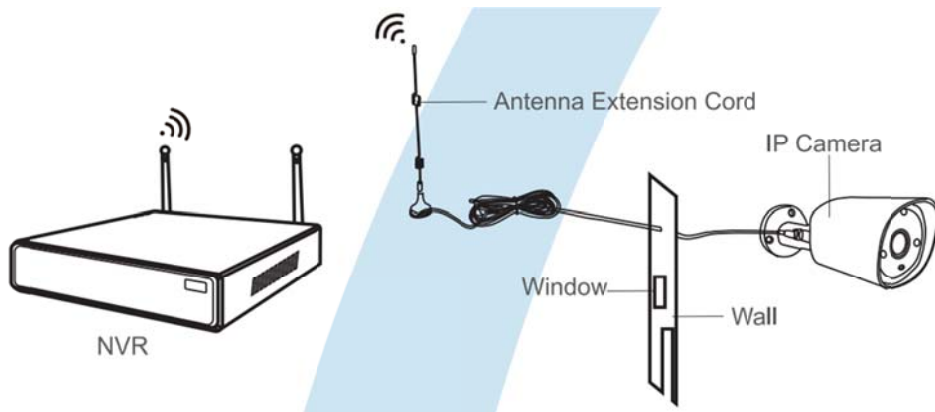
Notes: When WIFI signal is not strong enough against walls,users can take off the original antenna and subtitute antenna extension cord. Drill a hole on the wall to let the extension cord go through and simply it where WIFI signal is strong.

Set up cascading connection in a reasonable solution,extend wifi signal transfer distance

Note:

1. Repeater function can't strengthen WIFI signal for wireless NVR kit, but can extend the distance by repeaters -- WIFI cameras.

2. Only when the repeater cameras and repeated cameras are positioned correctly, WIFI distance will be extended.

3. Repeater function and 3 meters antenna extension cord are two methods to extend WIFI range. Users can choose one according to real situation.

Repeater Setup

Step 1: Right click on NVR'S GUI, left click "video management"→ then left click "repeater"

Step 2: Add repeater

As picture shown below, click icon + besides channel 3, choose other channel.

Step 3: As picture shown below, it means IPC1 is connected to NVR through IPC2 and IPC3. IPC2 is connected to NVR through IPC3. IPC3 is connected to NVR directly.
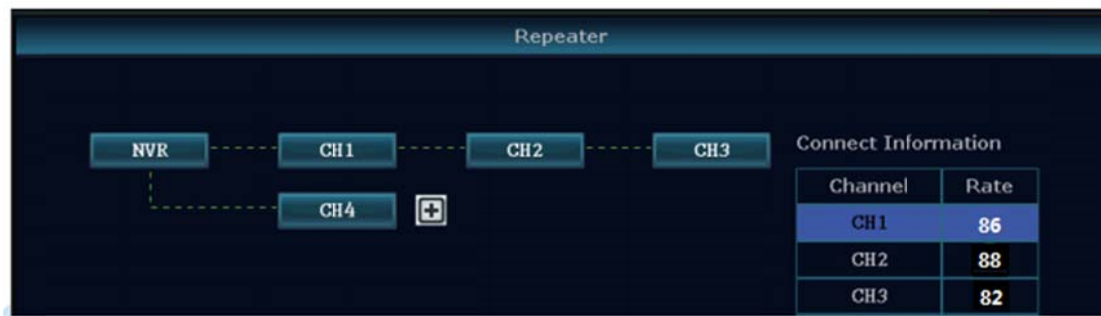
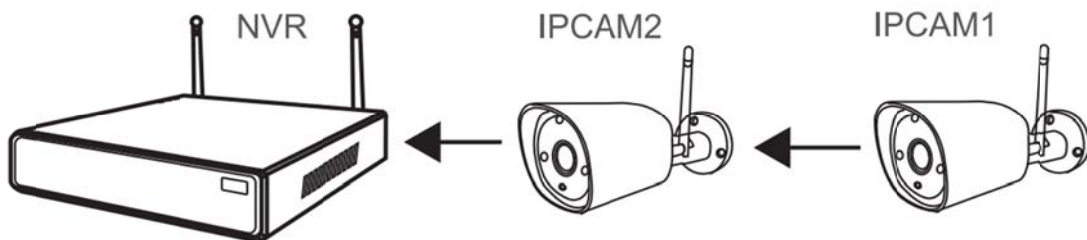**Step 4:** Click "Apply" and then click "refresh" to check if the setting is successful.

Delete Repeater

Move the mouse to targeted channels, left click to delete, and then click "Apply" and "OK".

Application Example

As picture shown above, when IPCAM1 is put somewhere is out of NVR WIFI range, and there is

IPCAM2 between them with strong WIFI signal, users can put IPCAM1 close to NVR and power it,

setup IPCAM1 repeated by IPCAM2, and then install IPCAM1 to the presupposed place.

warning

Notes:

Device will not in guarantee if caused by below reason:
A.Accident;negligence;disaster; mis-operation.
B.Do not conform to the environment and conditions,such as power improper, working temperature Too hight or too low, lightning stroke.ect.
C.Ever be maintained by other center which not belong to the real factory.

D.Goods already sold more than 12 months.

FCC RADIATION NORM

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

CAUTION!

The Federal Communications Commission warns the user that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.