



JouSecu NVR Wireless Security Camera System User Guide

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NVR Wireless Security Camera System User Guide

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Statement

Thank you for purchasing our product This quick user guide will talk about the 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 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 a 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 circuits is suggested to clean the dust on PCB timely to make the product work properly.
6. Please obey the regulation and policies in your country and area during the installation of this.



Out Of Box Audit

After receiving the product. please check all products and according to distributors Package Includes information if any is missed or damaged please contact the distributor.

Packing list		
S/N	Item	Quantity
1	Wireless NVR	1pc
2	DC 12V2A power supply (for NVR)	1pc
3	USB Mouse	1pc
4	Wireless IP Camera	4/8(4/8CH)pcs
5	DC 12V1A power supply(for IPC)	4/8(4/8CH)pcs
6	Network Cable(1m)	1pc

Before Installation

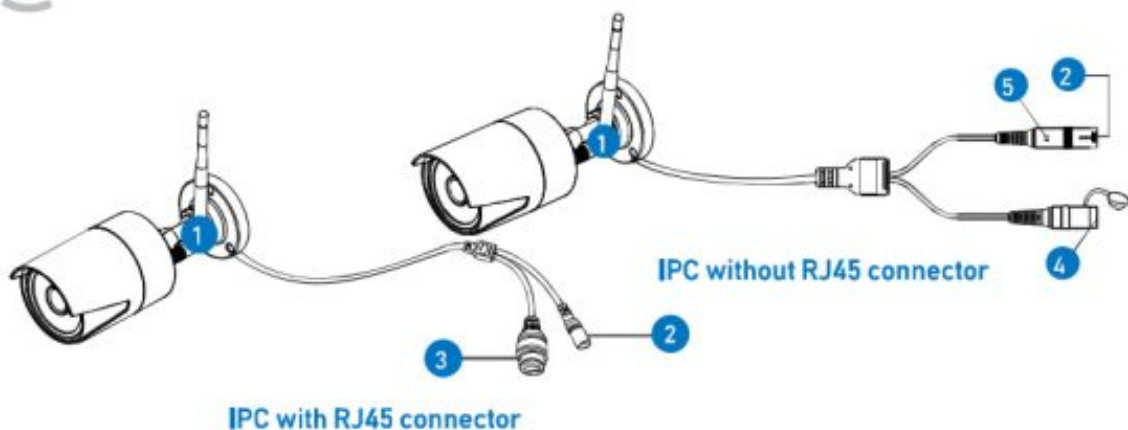
This product may require cabling. we suggest testing all products & parts before installation and cabling.



NVR



1. Wireless Antenna Ports: Double antennas to Wireless range;
2. WAN Port: Connect your NVR to the Internet
3. VGA Port: For viewing on a VGA monitor
4. HDMI Port: For viewing on HDTV:
5. USB Ports: For mouse and backup:
6. Power Input



1. **Wireless antenna:** Wireless connection with NVR;
2. **DC Port;** Input power 12V 1A;
3. **RJ45 Port** For matching code and wired connection between IPC and NVR. Anyway, there is a range limitation for the wireless signal from NVR. When cameras are out of this range, they can't be connected to NVR wirelessly. Then users can use a network cable to connect cameras and NVR.
4. **Reset button:** Press the reset button for 5 seconds to restore the factory setting and enter into matching-code mode.
5. **Status light:**
 - Unbright:** IPC system is not ready or abnormal;
 - Flash:** IPC is in the code-matching state;
 - Long time bright** IPC and NVR have been coded, the connection status is normal:
 - Slow Flash:** IPC is coded with the NVR, but the connection is disconnected:

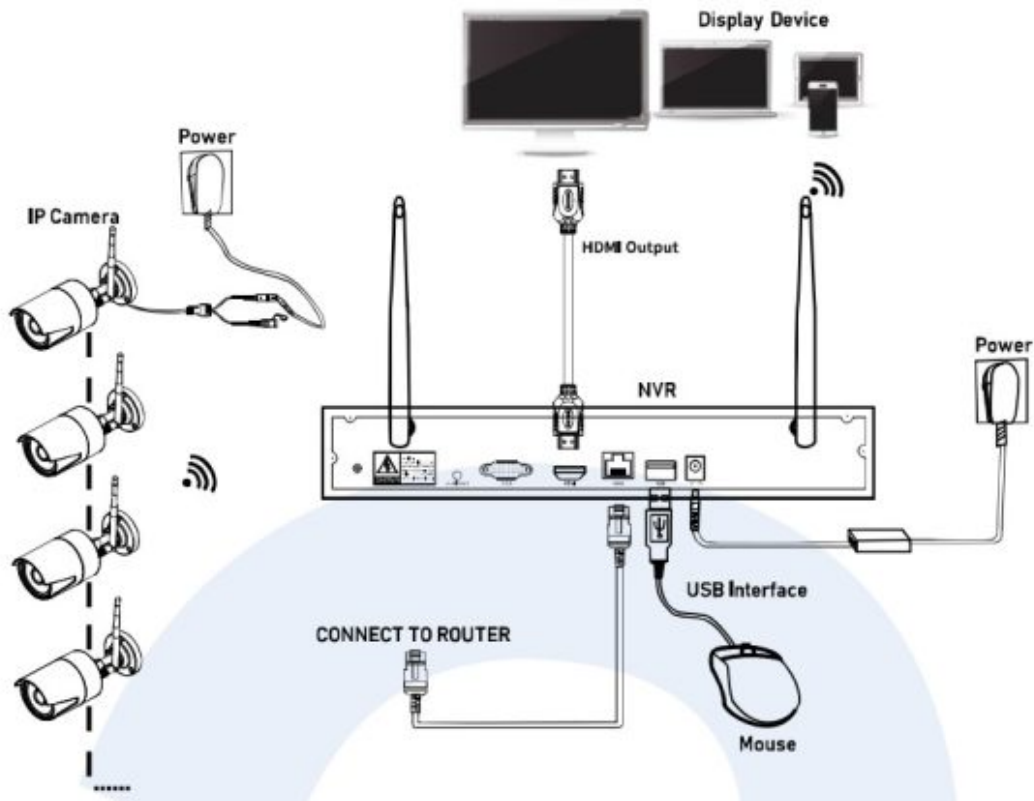
Note: In night vision mode, the device is normal for 5s, the indicator light will be turned off to prevent light interference.



Installation Instruction Of Wireless NVR

Note:

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



Setup The system

This system is standalone with an 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 the camera's images on the screen:
6. Plug the mouse(included) into a USB port on the back of NVR. You shall then be able to operate on the system.

In the US you can find the 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 your earliest convenience. Right-click the mouse—Go to System Setup—System Admin —User Management to set a password.

HD Install

The system may not include a 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 has to be formatted before recording. To get a better wireless signal. it had better place the NVR in an open area and high position.

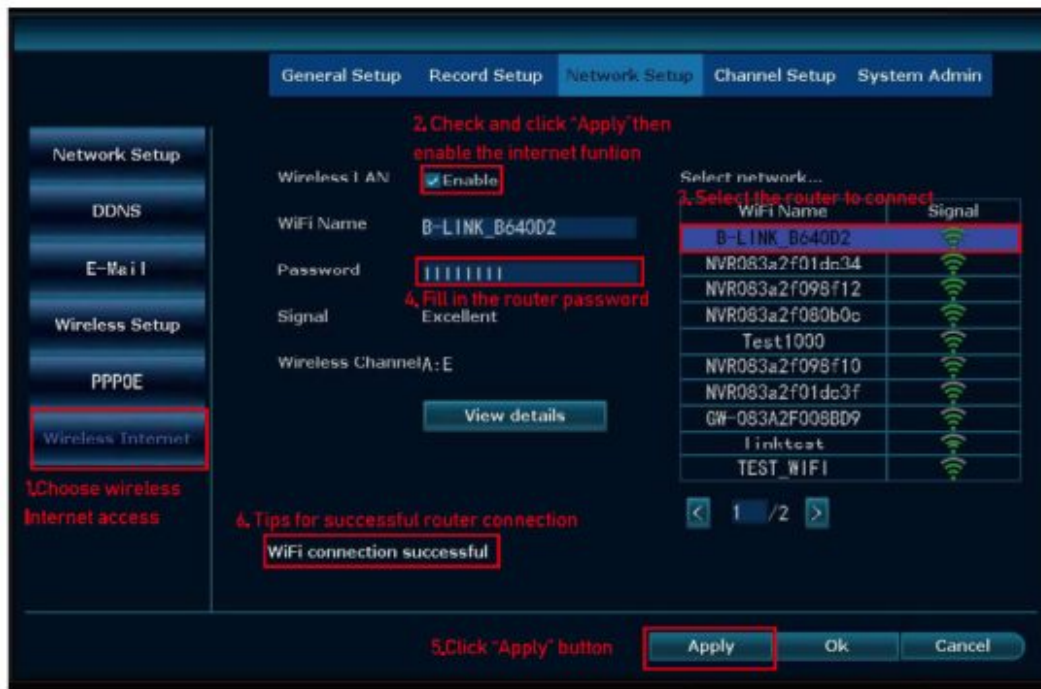


Network Setup

Wireless NVR supports wired internet and wireless Internet two ways to access the Internet (supported by some models). The two Internet access modes are set as follows:

Wired Internet access: Connecting NVR with a network cable to the router will automatically obtain network settings for automatic internet access. When the network cable is plugged in, NVR will give priority to wired internet access.

Wireless Internet access: Right mouse button -system settings-in the network settings interface, if the "wireless internet access" option is in the lower-left corner, indicating that the model supports wireless internet access, and can set wireless internet access according to the figure below. After connecting to the network, you can use the mobile app to add a cloud ID for remote monitoring.

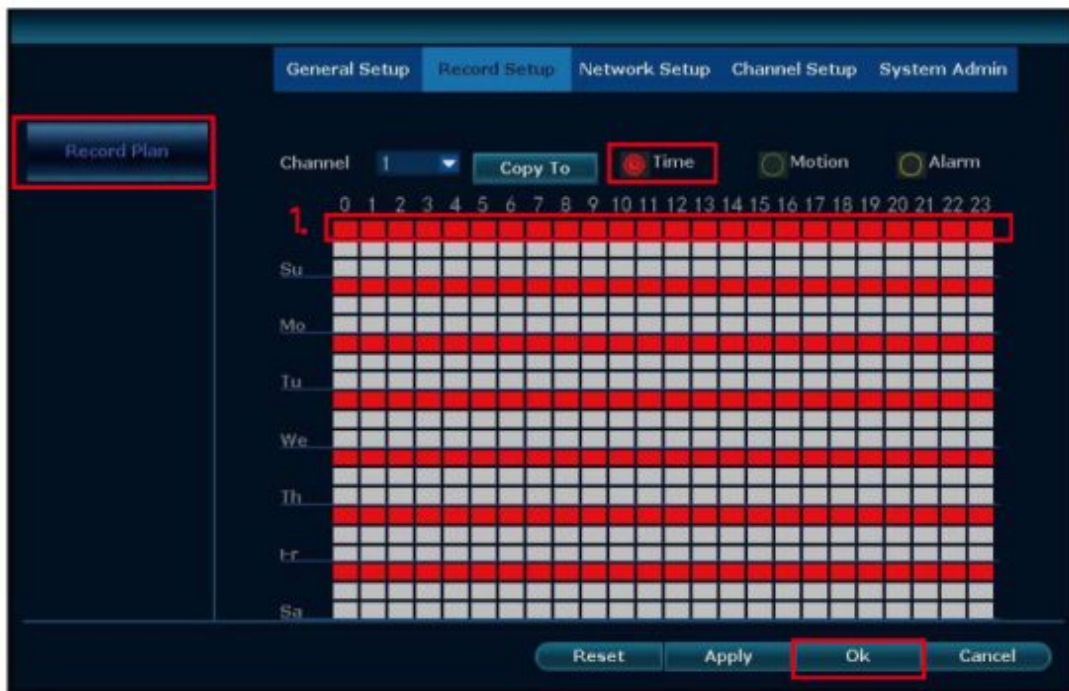


Record Setup

The factory setting defaults to full-day recording. If you need to customize the recording type, you can refer to the following settings:




- 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 “T” as picture shows), press and drag the mouse to the right to choose the time. The list will turn red.
- 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 the picture shows). Press and drag the mouse to the right to choose the time. The list will turn green.
- 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 the picture shows), press and drag the mouse to the right to choose the time. The list will turn yellow.

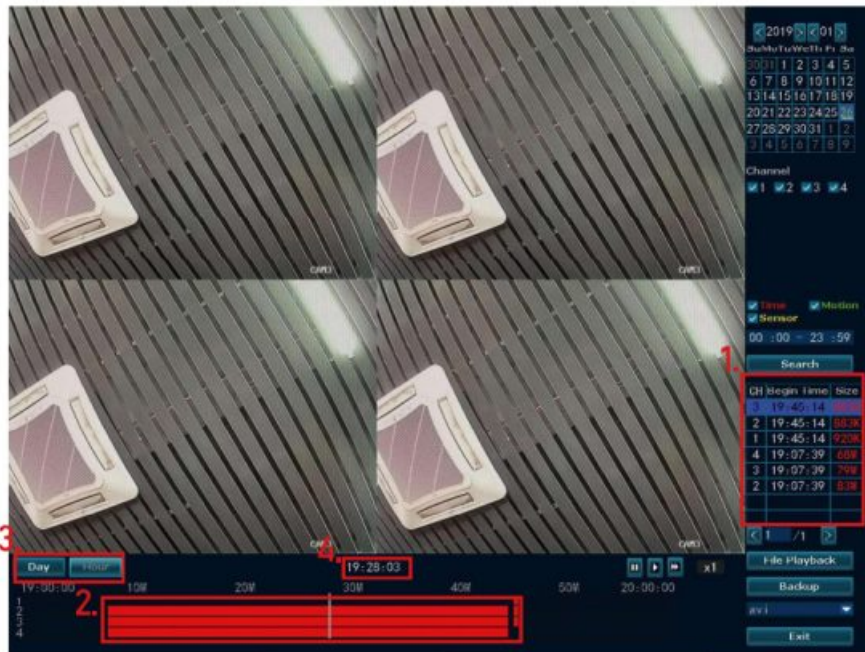
Note: Users can set up any period of time they want for example 000:00-23:5959. That's 24 hours*7 days recording. When NVR detects hard disk, the default setting will be 24 hours*? days recording.



Video Playback

Steps: Right-click mouse in the main menu—Video playback—choose the date, channel, record mode—click Search—then can view playback file. Warm prompt:

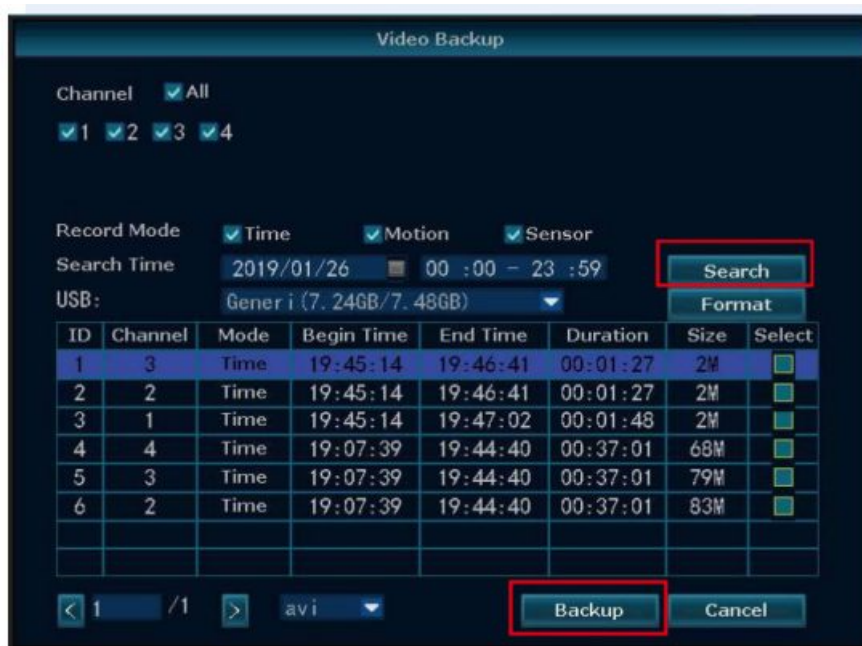
1. **Illustration for playback button:**  play,  pause:  fast forward x2,x4,x8:
2. **Play file:** Choose the recording file in the file list, as the number “1” is shown in the picture. Choose one of the recordings, click “play-” to play to recording file;
3. **Video backup:** Choose the recording file in the file list, as the number “1” is shown in the picture. Insert the U flash disk, click “video backup” to back up the file:
4. **Timeline:** click “date” and “time” at the left bottom to check the timeline of recording, show number “2” shown in the picture:
5. On the timeline with the recording file, left-click the mouse, then can playback the file.



Video Backup

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

- 2 USB ports:** Plug U flash disk into the USB port of NVR. Right-click on the 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.)**
- 1 USB port:** Right-click on the 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 back up the recording file to a U flash disk.





View On Mobile

1. APP Download and Installation Users can search “EseeCloud” on the APP store or “IP PRO” on Google Play, or scan the QR code below to install the APP.



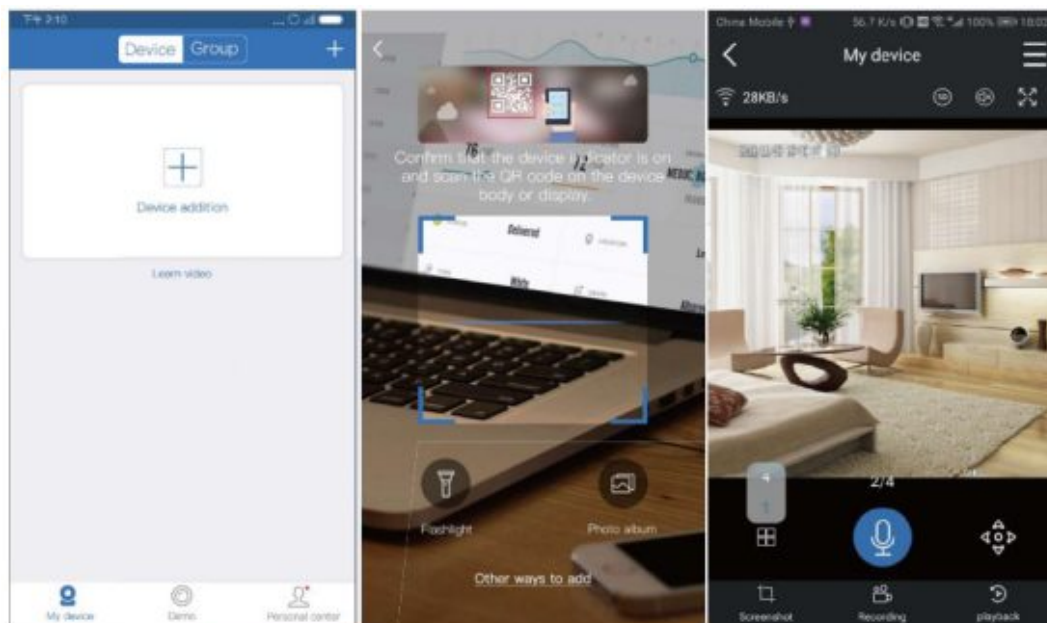
EseeCloud APP download

<http://www.dvr163.com/download/indexm.php>

Note: For the IOS system, 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 ” EseeCloud” app. log in to your account > click “+” to scan the device ID QR code to add the device (find the ID number in the NVR network settings, or click the lower right screen), device description (my device name), the user name (default user name is admin) and password (default password is empty) > submit your add device form -> click the device to start previewing video.

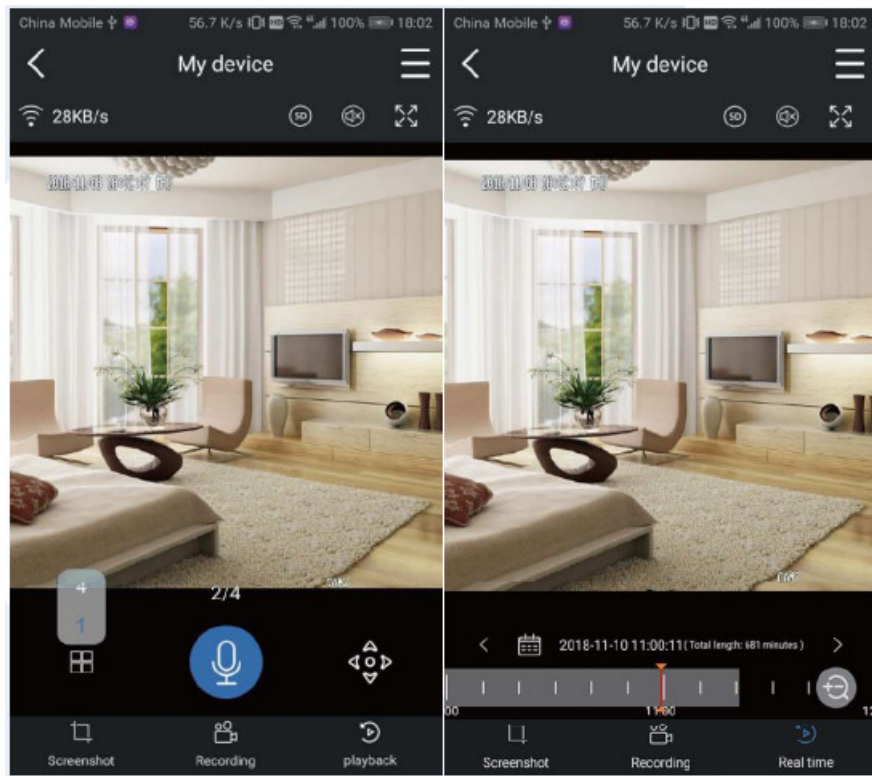
Tips: If you’ve set a password on your NVR system, please update your password on APP to view.



Playback On Mobiles

In the EseeCloud 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 to the CH.

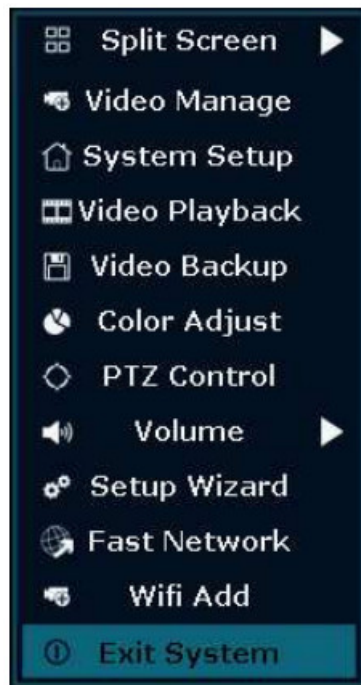
Tips: Videos in playback are HD@ real-time which requires very good transmission condition. We suggest playback in LAN. Remote playback out of LAN may not 100% work due to connection & network conditions.



MENU-DO What

Menu bar

Click the right button you can enter the main menu: click the 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.
- **PTZ Control** Control or set up a camera(PTZ camera only).
- **Volume:** Adjust the 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 adds:** Add IP cameras into NVR channels wirelessly.
- **Exit System:** Logout, reboot, close screen output and shut down the system.

System setup

Click the 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 information
- 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.
- System admin (This enables you to set) System version System maintenance including system upgrade User and password management Restore to default settings System log
- Channel setup (This enables you to set) Manage channels and cameras



Add Wireless IP Camera

Before leaving the factory, the NVR kit is already matched code, the image will come out when the kit is powered. If you need to add it again, Please delete the corresponding channel in the “Video Management” interface and add it as follows:

Step 1: Plug NVR and cameras to power, after NVR start, right-click mouse—Wireless add —match-code interface, NVR will search the camera under the matching code model automatically.

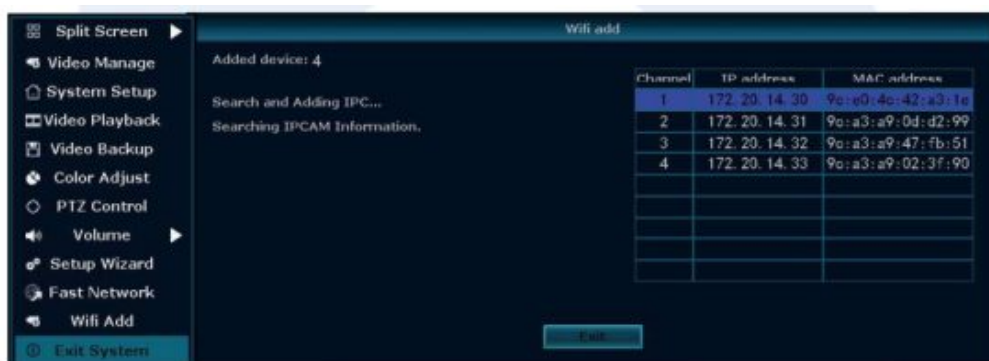
Step 2: Wireless IP Camera has two kinds, including a camera with RJ45 connector and camera without RJ45 connector, their way to match code as below:

(1) For the camera with RJ45 connector, after the start, use a network cable to connect with NVR, match code automatically, no need to restore.

(2) For a camera without an RJ45 connector, after the start, hold the bottom line of the camera for 5 seconds to get into match code mode, it will match code automatically, no need to connect the network cable.

Step 3: When you can find the IP address of the camera on the screen, matching code complete, click “Exit” to finish.

Notes: For a camera without an RJ45 connector, its process of getting into matching code will last 10 minutes. After 10 minutes, please restore the camera to get into the matching code model again.



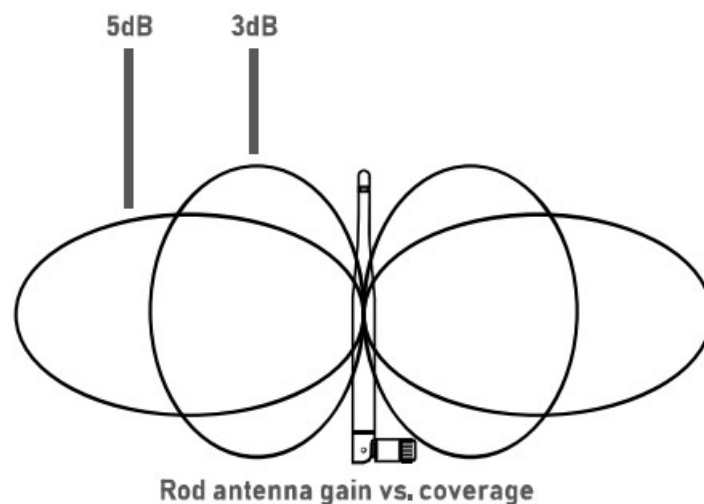


Extend Wireless Range

Wireless connection is simple and convenient, but wireless is not a panacea! Because of the nature of wireless, decided in some complicated scenarios, there is a signal attenuation after passing through the obstacle. Following Some methods can circumvent obstacles and increase the signal transmission distance.

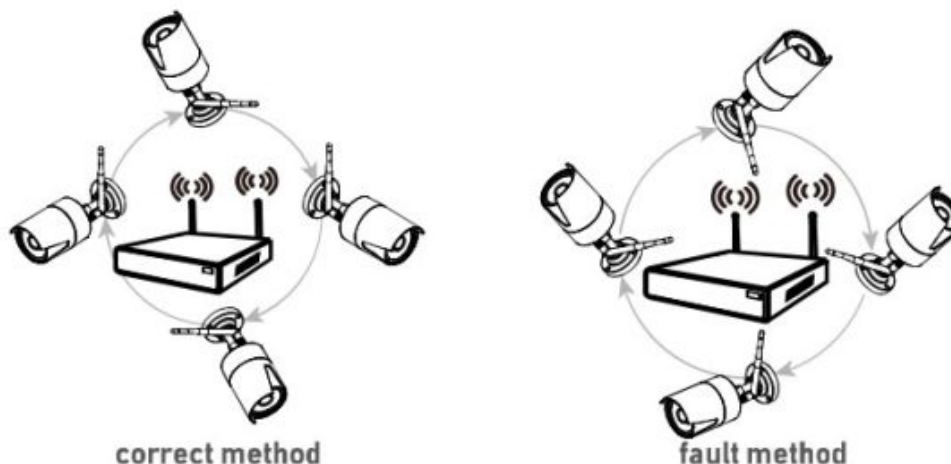
Position the Antenna Correctly

As can be seen from the gain graph of the rod antenna below, The signal coverage of the antenna is similar to an apple. The antenna is located in the center of the apple and surrounds the antenna. The signal is strong, the upper and lower ends of the antenna are recessed, and the signal is weak.

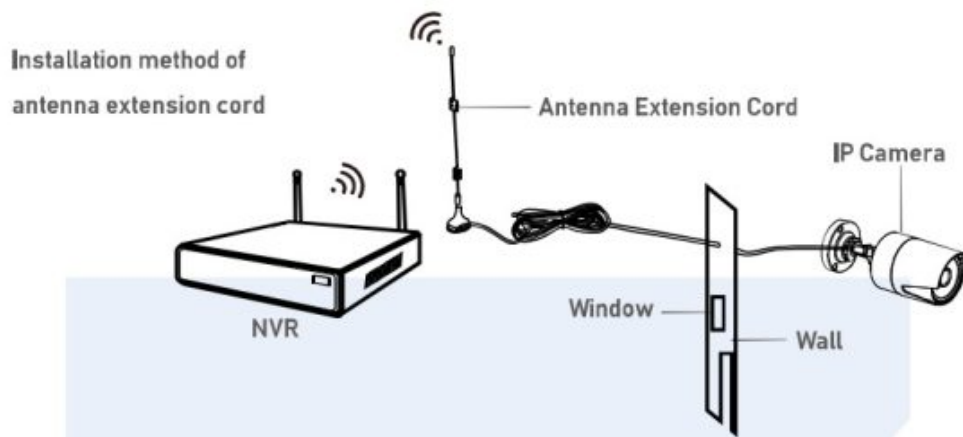


According to the transmission characteristics of the antenna to the signal, in order to ensure the optimal image transmission effect of the wireless set. Claim:

1. NVR and IPC antennas should be placed in high places, not on the walls, metal, Obstructions such as glass affect the signal to diverge outward.
2. The antenna of IPC should be placed in parallel with the NVR antenna to maximize the respective radiation direction angles. In contrast, the maximum coverage of the signal is formed, as shown in the following figure.



Use Antenna Extension Cord to prolong Wireless distance



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

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

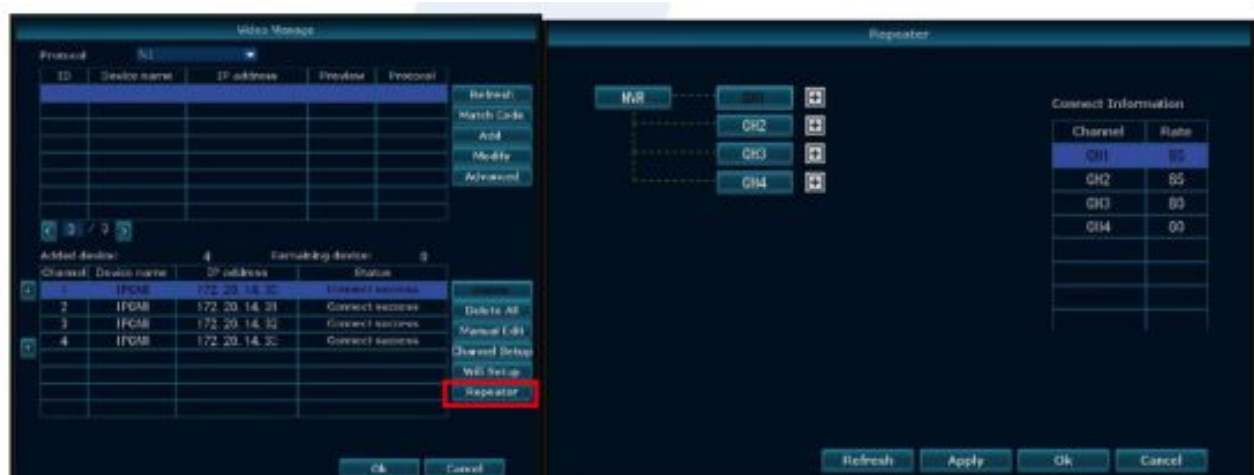
Note:

1. Repeater function can't strengthen wireless signal for wireless NVR kit but can extend the distance by repeaters—wireless cameras.
2. Only when the repeater cameras and repeated cameras are positioned correctly, wireless distance will be extended.
3. Repeater function and 3 meters antenna extension cord are two methods to extend wireless range. Users can choose one according to the real situation.

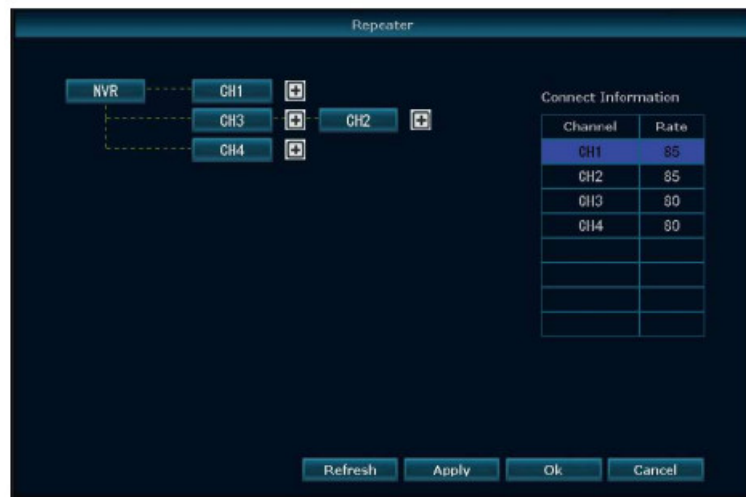


Repeater Setup

Step 1. Right-click on NVR'S GUI, left-click “video management”—then left-click “repeater”.



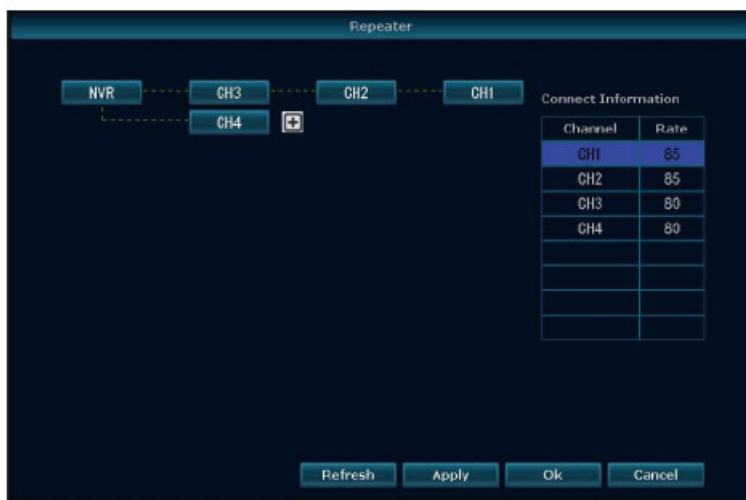
Step 2. Add repeater As picture shown below, click icon + besides channel 3. choose another channel



Step 3. As the picture is 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



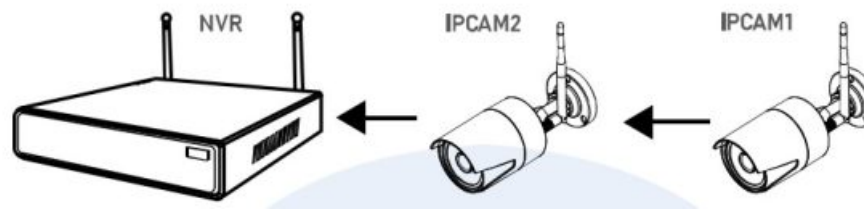
Delete Repeater

Move the mouse to targeted channels. left click to delete. and then click "Apply" and -01C.



Application Example

As the picture showed above, when IPCAM1 is put somewhere is out of NVR wireless range, and there is IPCAM2 between them with strong wireless signal users can put IPCAM1 close to NVR and power it. setup IPCAM1 repeated by IPCAMZ and then install IPCAM1 to the presupposed place.



Warning



Notes: Device will not in guaranteed if caused by below reason

1. Accidentnegfigence;disaster-operation.
2. Do not conform to the environment and conditions. such as power improper. working temperature too high or too tow. lightning strike.ect
3. Ever be maintained by another center which not belong to the real factory.
4. Goods already sold for 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

These limits are designed to provide reasonable protection against frequency interference in a residential installation. This equipment generates. uses. and can radiate radio frequency energy. and if not installed or used in accordance with the instructions. may cause harmful interference to radio communication. However. there is no guarantee that interference will not occur in television reception. which can be determined by turning the equipment off and on. The user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.



CAUTION!

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.

NOTE This equipment has been tested and found to comply with the limits for a ClassB 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: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

When the product is working, only one of the Wi-Fi templates can run.

Documents / Resources



[JouSecu NVR Wireless Security Camera System](#) [pdf] User Guide

56405K4-UL, 56405K4UL, OIE-56405K4-UL, OIE56405K4UL, Label-JESMAY NVR wireless kit , NVR Wireless Security Camera Sys, NVR, Wireless Security Camera Systemtem