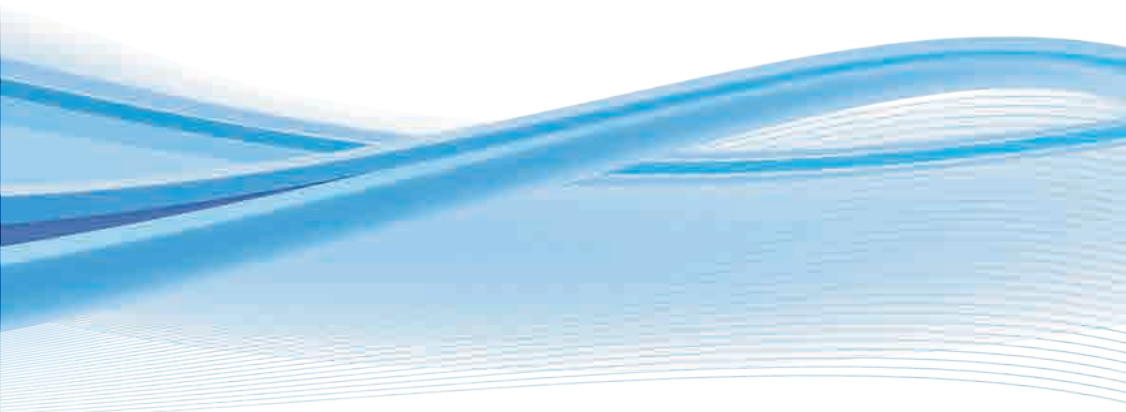




# WIRELESS KIT

## QUICK USER GUIDE





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## 1 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. The functions, parameters, operations, etc. presented in this manual are for reference only, and Joovan may improve the content. For all specific information, please refer to the actual product.



## 2 Safety Caution

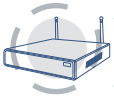
- 1 Please do not put any fluid container on the product.
- 2 Please use the product in ventilated environment and prevent blocking the vents.
- 3 Please use included power supply with the product to prevent damage to the product.
- 4 Please use the product under its standard working temperature and 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 product.



## 3 Unpack Audit

After receiving the product, please check all products and accessories according to the follow Packing list information. If anything is missed or damaged, please contact us.

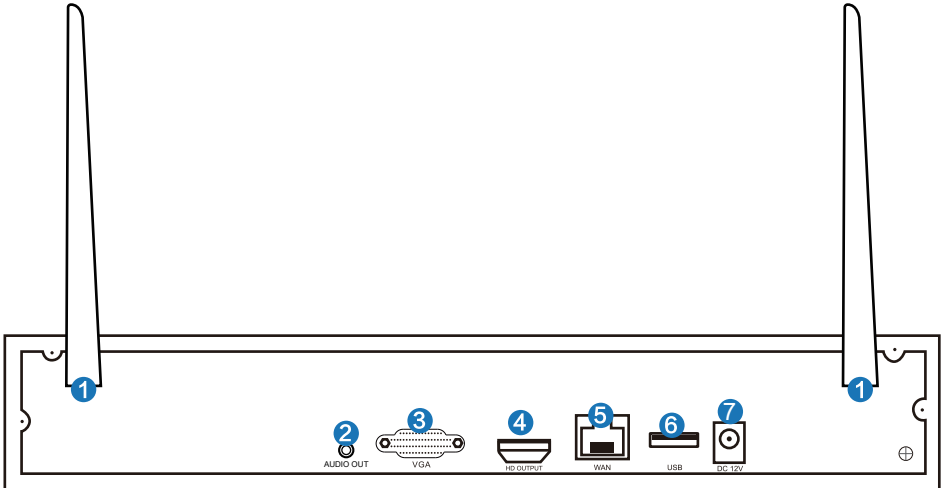
Packing list		
S/N	Item	Quantity
1	WiFi NVR	1pcs
2	DC 12V2A power supply (for NVR)	1pcs
3	WIFI IP camera	4/8pcs
4	DC 12V1A power supply (for IPC)	4/8pcs
5	Screw bag (for IPC)	4/8pcs
6	Antenna(for IPC)	4/8pcs
7	User manual(Contains 4 screws for HDD)	1pcs
8	Antenna extension	1pcs
9	HDMI cable	1pcs
10	Ethernet cable	1pcs
11	Mouse	1pcs
12	Warning Post	1pcs



## 4 Product Overview

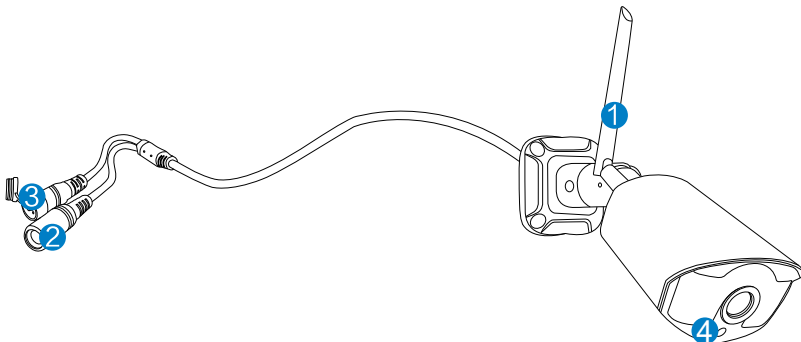
This product may require cabling, we suggest to test all products&parts before installation and cabling.

### > NVR

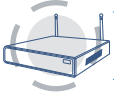


- 1** WIFI Antenna Ports: Double antennas to WIFI range;
- 2** AUDIO OUT: 3.5mm audio interface for external speakers;
- 3** VGA Port: For viewing on VGA monitor;
- 4** HD OUTPUT Port: For viewing on HDTV;
- 5** WAN Port: Connect your NVR to the Internet;
- 6** USB Ports: For mouse and backup;
- 7** Power Input: 12V 2A NVR power interface;

### > IPC



- 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.
- 4 Photosensitive: Used to measure light and control the turning on of infra-red light.



## 5 installation instructions

### > HDD installation

#### Notes:

- 1.To use the video recording and playback functions, HDD must be installed.
- 2.The camera system doesn't come with hard drive. Recommend to choose an Monitoring dedicated Hard Drive in SATA III 3.5", 1-2TB .



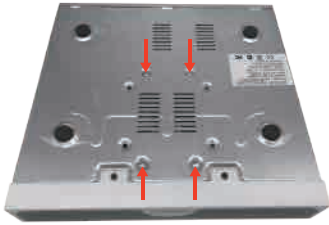
Step 1: Loose the screws which are fixing the box cover.



Step 2: Push forward the cover to the end and remove it.



Step 3: Connect the SATA power and data cables of the NVR to the corresponding ports of the Hard Disk Drive.(NO HDD).



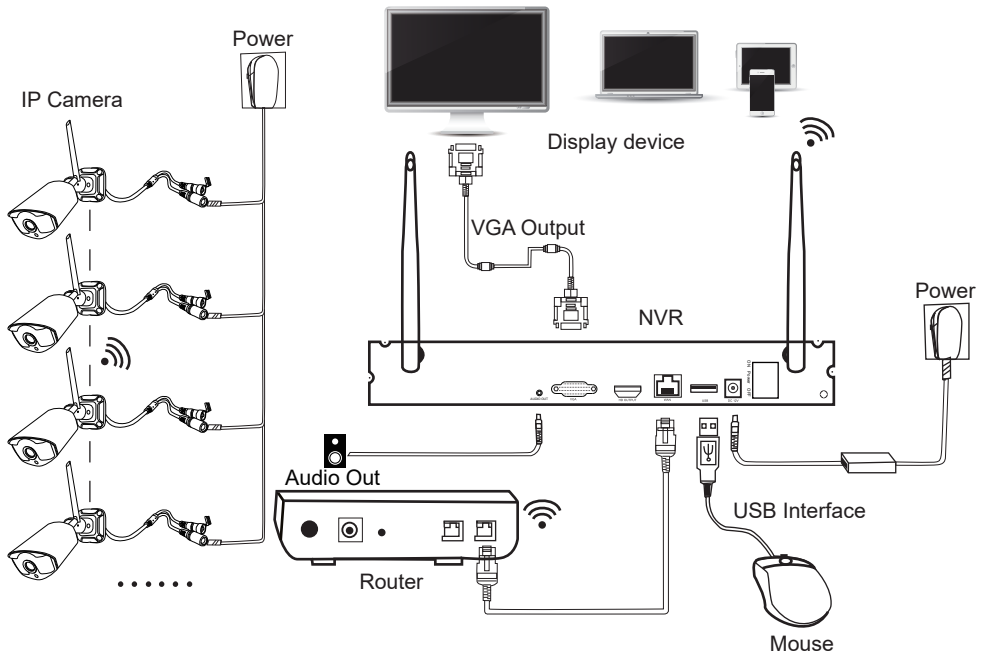
Step 4: Hold the Hard Disk Drive and the NVR together, carefully turn them over, then align the screw holes on the Hard Disk Drive with the screw holes on the NVR housing and put screw on.



Step 5: Put the cover back to position and install the screws.

## ► KIT installation

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 HD-OUTPUT input should work for it.





## Add the cameras to the NVR

Step 1: Install antennas for cameras;

Step 2: Connect a screen to the NVR via its HD-OUT port or VGA port.(The default supported screen size is 19-42".).

Step 3: Plug the NVR to power.(use bigger 12V 2A power adapter.)

Step 4: Plug cameras to power.(use smaller 12V 1A power adapters.)

Step 5: Within seconds, you can see camera's images on the screen.

Step 6: Plug the mouse to USB port on the back of NVR. So you can operate the system.

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 -> System Setup -> System Admin -> User Management to set password.

※What should I do if I can't connect to the camera?

Please kindly follow below steps to add them to the NVR:

Step 1: Powered on the camera. Press and hold photosensitive to observe if the infrared light of the camera is on.

Step 2: Right click -> video manage -> Delete the not working camera.

Step 3: Put the camera close to the NVR and power on it.

Step 4: Push the reset button of the camera 5-10 seconds or longer time to restore it to factory setting.

Step 5: Use "wireless add" function to add it to the NVR, wait patiently for a while, the system will automatically search the camera and match code.





## 6 NVR system operation

### ➤ Format the hard disk

#### Steps:

After installing HDD, boot up the NVR -> Right click -> System Setup -> General Setup -> HDD Setup -> format the HDD.

#### Note:

Recommend to choose an Monitoring dedicated Hard Drive in SATA III 3.5", 1-2TB .The hard disk is installed on the device for the first time, and the hard disk needs to be formatted.



### ➤ Video Record

Steps: Right click -> System Setup -> Record Setup -> Record Plan.

#### Notes:

- 1 The recording function can only be used after installing a hard disk.
- 2 The record time depends on the capacity of hard drive. When the hard drive is full, the new video overwrites the old one automatically. For example, if the hard drive is full after 7 days, then the 8th day video will cover the 1st day.
- 3 Users can set up any period of time they want, When NVR detects hard disk, the default setting will be 24 hours 7 days recording.



- 1 Time Recording: 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 selected area will turn to red.
- 2 Motion Recording: Click "Motion" 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 selected area will turn to green.
- 3 Alarm Recording: Click "Alarm" 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 to yellow.

## ➤ Video Playback

Steps: Right click -> Video Playback -> choose date, channel, record mode -> click "Search"



- 1 **Video search condition area:** You can select the date, time, channel, and event type to query the video, and click "search" to query.
- 2 **Video search result area:** Display the video search results under the search conditions you set. Different colors represent different event types.
- 3 **Video playback control keys:** Play, pause, fast forward
- 4 **Time progress bar area:** Time progress bar area shows the currently playing video time, event type, and you can drag the progress bar to perform fast forward and rewind operations.
- 5 **Progress bar mode switch:** Switch the progress bar display mode, choose to use the unit of day or hour.
- 6 **Backup:** After selecting the file, click "Backup", a reminder of "Please insert USB" pops up, pull out the mouse and insert the U disk within one minute.
- 7 **Exit:** Right click or click "exit" to exit the video playback.

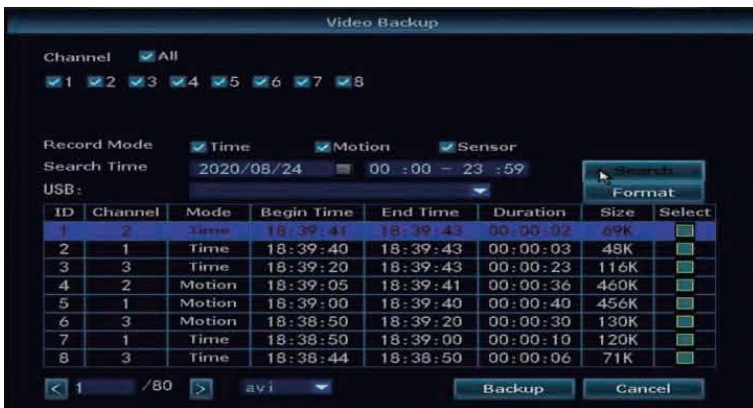
## > Video Backup

Steps:

Right click -> Video Backup -> choose backup channel -> choose record mode -> setup searching time -> choose recording file on the list -> video backup, insert U disk within reminding 1 minute, then the system will backup recording file to U disk.

Note:

Please format the U disk as FAT32 before backing up.

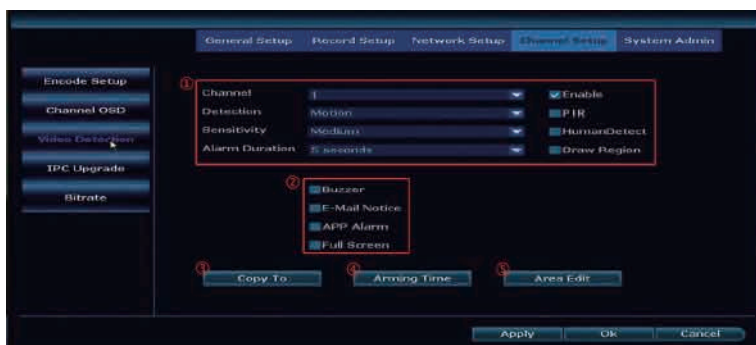


## > Motion Detection

Steps:

Right click -> System Setup -> Channel Setup -> Video Detection

- 1 Select the channel to enable motion detection and set the channel detection type (movement, video loss, video occlusion, etc). When the alarm sensitivity is too high or too low, the sensitivity can be adjusted to achieve the best effect.
- 2 When a moving object is detected, the alarm information can be received by means of buzzer, mail, app, etc. App operation details are in Chapter 9 and email operation details are in page 9.
- 3 Option to copy the same settings to different channels.
- 4 Motion detection arming time, default 24h.
- 5 Customize the motion detection area(Default all selected). The selected area starts motion detection, and the unselected area turns off.



## > E-Mail Setup

Steps:

Right click mouse -> System Setup -> Network Setup -> E-Mail

Note:

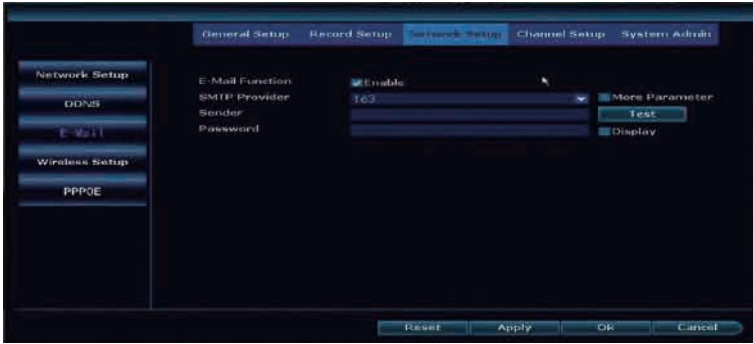
To add email to the NVR, SMTP/IMAP must be enabled in the email settings.

The steps are as follows:

Step 1: login the mail box on email official website.

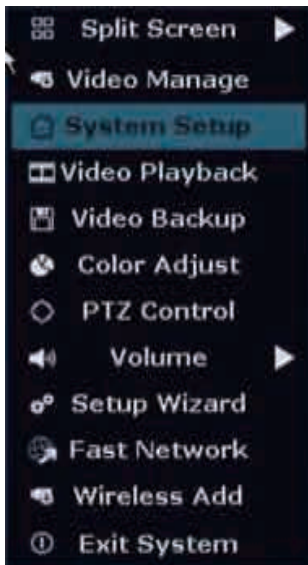
Step 2: enter settings and enable SMTP/IMAP service and set a authorization code(available in some email settings,not all).

Step 3: Add the email address and password to the NVR, you have to input the authorization code as password if the code is unavailable.



## ➤ MENU Function (other function)

Right click the mouse to show the main Menu bar as shown below, right click again to return or exit the current menu.



- Split Screen: change the numbers of the channels showing in the same screen.
- Video Manage: manage IP cameras and channels, image rollover, match code ect.
- System setup: includes General Setup, Record Setup, Network Setup, Channel Setup and System Admin.
- General Setup: change language, NVR resolution, time setup, HDD information, error setup etc.
- Record Setup: Set various types of recording time period.
- Network Setup: DHCP, NVR's IP address, network status, cloud ID, e-mail setup, wireless setup ect.

- **Channel Setup:** change encode mode, camera resolution, motion detection ect.
- **System Admin:** system version, set password, edit users, simple restore ect.
- **Video Playback:** playback recorded videos.  
Video Backup: backup recorded videos.
- **Color Adjust:** adjust the brightness, contrast, sharpness ect. Of the picture in each channel.
- **PTZ Control:** enter PTZ control to control camera. (requires camera to support this function.)
- **Volume:** adjust volume of audio cameras.(works only for audio cameras.)
- **Fast Network:** configure the network.
- **Wireless Add:** add devices by matching code.
- **Exit System:** Logout, reboot, close screen output and shut down the system.

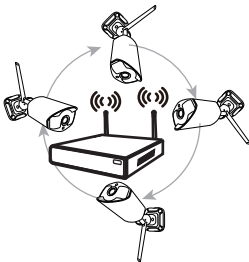


## 7 Extend WiFi Range

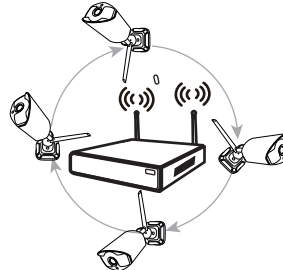
Because of the character of WIFI, the WIFI signal will weaker when going through the wall, stairs and other obstacles. We can use some methods to be applied to bypass obstacles and extend WIFI range.

### ➤ 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



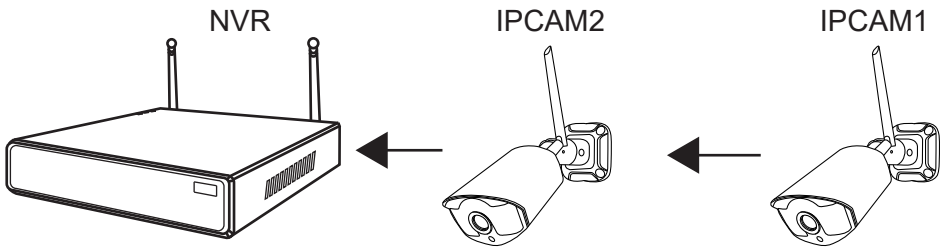
fault method

## Notes:

Please place the NVR far away from the devices that are easy to interfere the connection, such as microwave oven, TV ect. Make sure the obstacles between the NVR and the cameras are as few as possible.

## > Repeater Setup

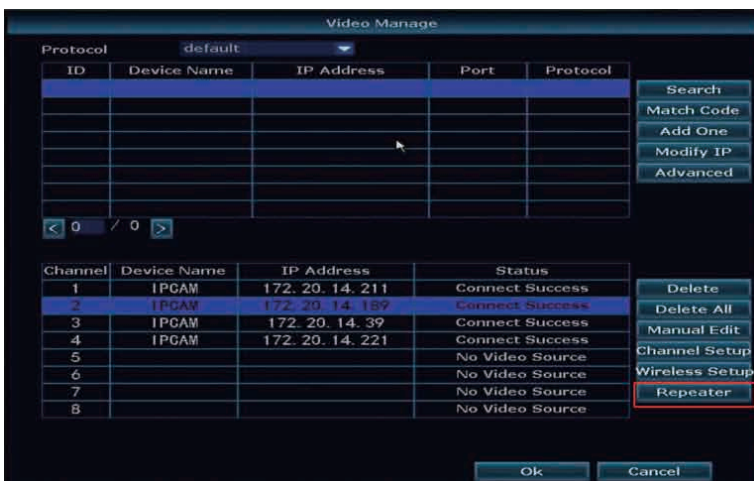
As picture shown above, when IPCAM1 is put somewhere out of NVR WIFI range, and there is IPCAM2 between them with strong WIFI signal, users can put IPCAM1 close to NVR and power it, setup IPCAM1 repeated by IPCAM2, and then install IPCAM1 to the presupposed place.



## Notes:

The repeater cannot strengthen the WiFi signal, but can extend the WiFi distance by the IP camera. Set up cascading connection in a reasonable solution, extend wifi signal transfer distance.

Step 1: Right click -> Video Setup -> Repeater





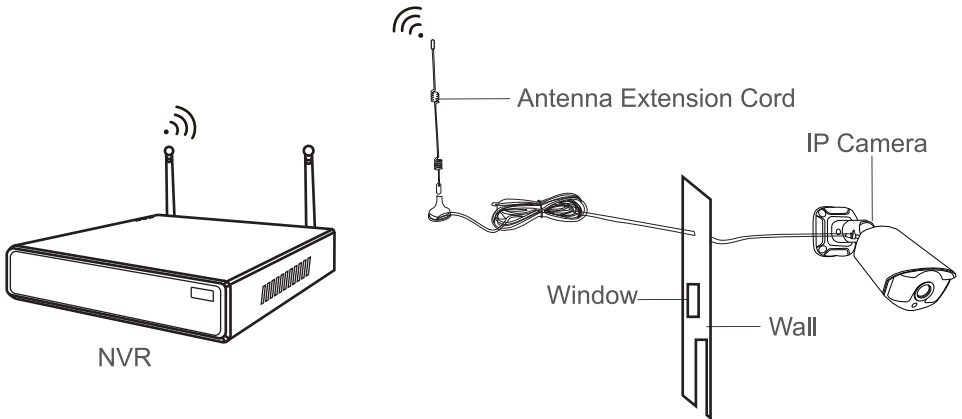
**Step 2:** Click + to select the channel with the stronger signal value to connect to the NVR, and the weaker signal value to connect to the channel with stronger signal value. As shown in the picture, the signal values of CH1 and CH2 are strong. We can connect CH3 and CH4 behind CH1 and CH2.



**Step 3:** Click "Apply" to finish the cascading connection. Click "Refresh" to check if it's set successfully. To cancel selection, click on the selected channel, then click "Apply" and "Ok".

### > Use Antenna Extension

Installation method of antenna extension cord



**Note:**

When wireless signal is weaker, users can take off the original antenna and substitute antenna extension cord. Drill a hole on the wall to let the extension cord go through and simply put it where wireless signal is strong.



## 8 OPERATE NVR SYSTEM FROM CLIENT ON PC

Please download the EseeCloud client through <http://k.jooan.cc>

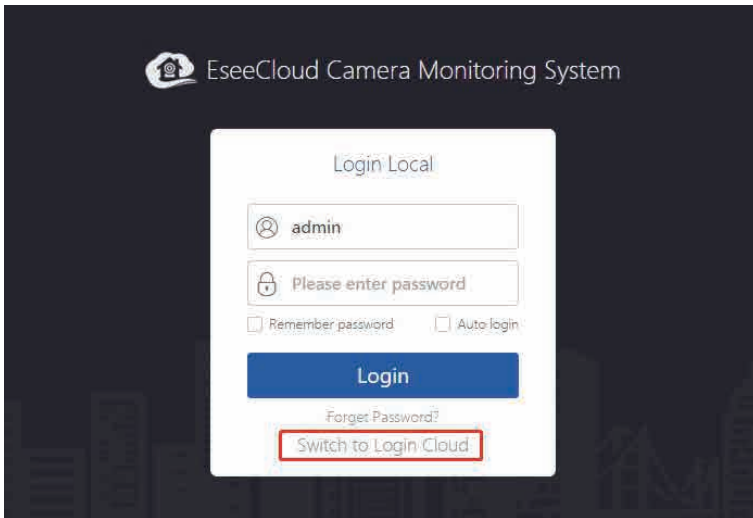
### Note:

This function needs to be connected to the network, please confirm the status of the NVR network in advance.

### > Login

**Login Local:** Log in to EseeCloud Client with default user name (admin) and Password (empty, namely enter nothing) if you did not set any password.

**Login Cloud:** You can also register an account by phone number or email address.



### > Add Device

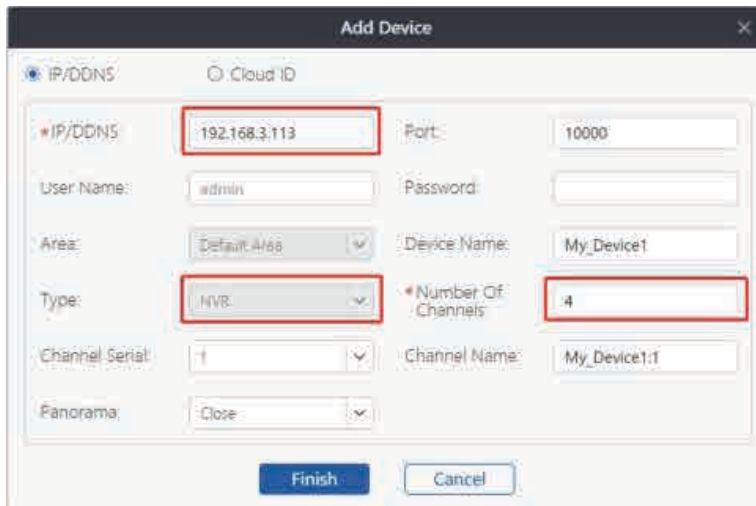
#### Add device by via LAN

Click “Device Management”. After entering the interface, it will automatically search for devices and find your own device, then click “Add”.



## Add device by IP address

Switch to IP address option. Enter IP address of your device(Please choose the appropriate device type and number of channels.)



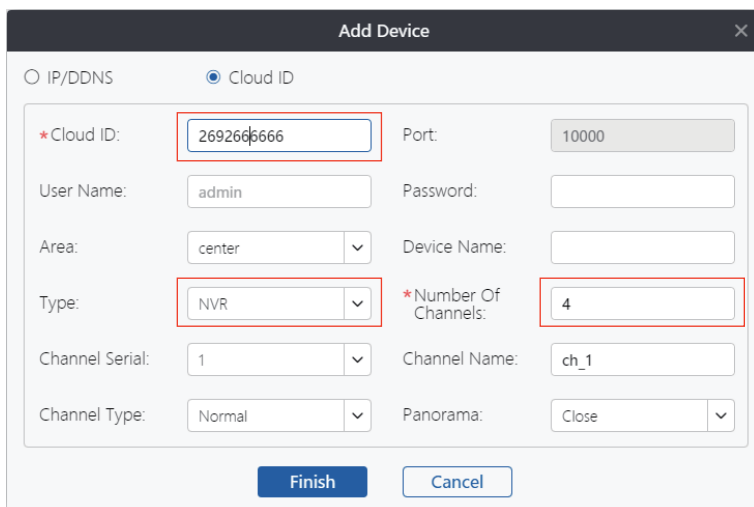
The screenshot shows the 'Add Device' dialog box with the 'IP/DDNS' radio button selected. The 'Cloud ID' radio button is unselected. The following fields are visible:

- \*IP/DDNS: 192.168.3.113
- Port: 10000
- User Name: admin
- Password: (empty)
- Area: Default Area
- Device Name: My\_Device1
- Type: NVR
- \*Number Of Channels: 4
- Channel Serial: 1
- Channel Name: My\_Device1:1
- Panorama: Close

Buttons: Finish, Cancel

## Add device by Cloud ID

Switch to Cloud ID option. Enter cloud ID of your device (Password is empty, namely enter nothing if you did not set any password.), click "Finish" and add device. (Please choose the appropriate device type and number of channels.)



The screenshot shows the 'Add Device' dialog box with the 'Cloud ID' radio button selected. The 'IP/DDNS' radio button is unselected. The following fields are visible:

- \*Cloud ID: 2692666666
- Port: 10000
- User Name: admin
- Password: (empty)
- Area: center
- Device Name: (empty)
- Type: NVR
- \*Number Of Channels: 4
- Channel Serial: 1
- Channel Name: ch\_1
- Channel Type: Normal
- Panorama: Close

Buttons: Finish, Cancel

## > Bottom Menu



**Playback:**  
video playback  
and download.



**Screenshot:**  
take a screenshot of the  
current screen and save it  
into your computer.



**Device Management:**  
add and delete device,  
modify information of  
device.



**Disconnect All:**  
disconnect the device



**User Parameter:**  
change language,  
change the file path of  
saving ect.



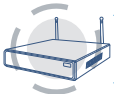
**Screen Number:**  
change the channel  
numbers showing in the  
screen.



**Record:**  
record the current video  
into your computer.



**More Function:**  
user information, change  
password, client version  
ect.



## 9 OPERATE NVR SYSTEM ON MOBILE DEVICE

### Note:

This function needs to be connected to the network, please confirm the status of the NVR network in advance.

## > Download

Search and download EseeCloud from App store/Google Play or scan the QR codes below to download.



Android System



iOS System

## > Add Device

Install and open EseeCloud App, then follow the steps below to add the NVR system.

**Step 1:** Register an account and log in to EseeCloud, then + icon in the center or on the upper right corner to add device.



**Step 2:** You can add NVR by scanning the cloud ID, or you can add it in other ways. (Click "Kit", manually enter the cloud ID and password to add the NVR.)

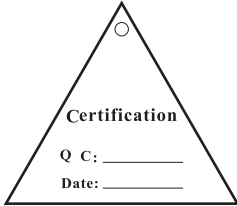




## 10 Warning

### Notes:

Device will not be in guarantee if caused by below reason :



- 1 Product failure due to accident, negligence, disaster, improper operation or misuse.
- 2 Do not conform to the environment and conditions, such as power improper, working temperature too high or too low, lightning stroke.etc.
- 3 Ever be maintained by other center which not belong to the real factory.
- 4 Goods already sold more than 12 months.

## Warranty Card

### 12-month warranty for quality-related issues

For 12 month after the date of purchase, we take care of all quality-related issues with a Replacement or rull refund. (RemindenBe sure to use your product as directed.)

Warranty-related shipping costs can only be covered in the country of purchase. If the product is taken outside the country of purchase,any shipping costs will be the buyer's Responsibility.

Alternatively,we can offer a 50% refund of the item's purchase price without the need to return.

If returning an item,please ship it back within 20 days after you receive approval. Further delay may void your return.

### 30-day money-back guarantee for any reason

1 For 30 days after the date of purchase,return your undamaged product and receive a full 1 ! refund for ANY reason.



## 11 Q&A

**Q1:** Camera connection failed or no image.

It maybe the camera did not match the code successfully,Please kindly follow page 5 to add them to the NVR.

**Q2:** Can I add the extra new camera?

The camera with the same brand is recommended when you'd like to add more cameras. To get the link of buying camera and the detailed guide for adding the camera, please contact us at [market@qacctv.com](mailto:market@qacctv.com).

**Q3:** NVR system can not detect the Hard Disk Drive.

Attn: Install the hard drive while the system is power off,otherwise it couldn't recognize the hard drive. The HDD recommend to choose an Monitoring dedicated Hard Drive in SATA III 3.5", 1-2TB . Here are the steps for troubleshoot the problem.

**Step 1:** Make sure the NVR works well.

**Step 2:** Check the connection wires between the DVR and hard drive. Check if the cable between the DVR and the hard drive is loose.

**Step 3:** Normally the hard drive will generate heat when start to work, please check if it generate heat.

**Step 4:** If it doesn't generate heat,please change a power supply for it,we suggest you to use a 12V3A power supply.

**Step 5:** If all above methods don't work,please connect the hard drive to your PC to format it by FAT32,then connect it to the system again.

**Q4:** What should I do if I forget the password for logging in to the NVR?

For the privacy of users, please contact us at [market@qacctv.com](mailto:market@qacctv.com), and the technician will help you.

**Q5:** No display on the Monitor of the NVR system.

It might be mainly caused by resolution compatibility. The default resolution of the NVR is 1280\*1024, which may not be compatible with some monitors. Here are some methods for solving the issue:

**1** Replace the display

**Step 1:** Connect the NVR to other monitor via the VGA output or HDMI output to see if you can enter the Menu bar of the NVR.

**Step 2:** When you are able to see the Menu, please go to System Setup -> General Setup -> General Setup -> Display Resolution to adjust the appropriate resolution, then click Ok. (For larger monitors, please choose 1024\*768.)

**Step 3:** Connect the NVR to your primary screen via again to check the display.

## 2 Set by IP address

**Step 1:** Download the EseeCloud client on your computer. (The operation is on page 14.)

**Step 2:** Connect the NVR and your computer to the same network.

**Step 3:** Open the EseeCloud client and search the IP address of the NVR through the LAN.

**Step 4:** Enter the IP address of the NVR in the browser for the management interface. (Password is empty, namely enter nothing if you did not set any password. The operation details are in Chapter 8.)

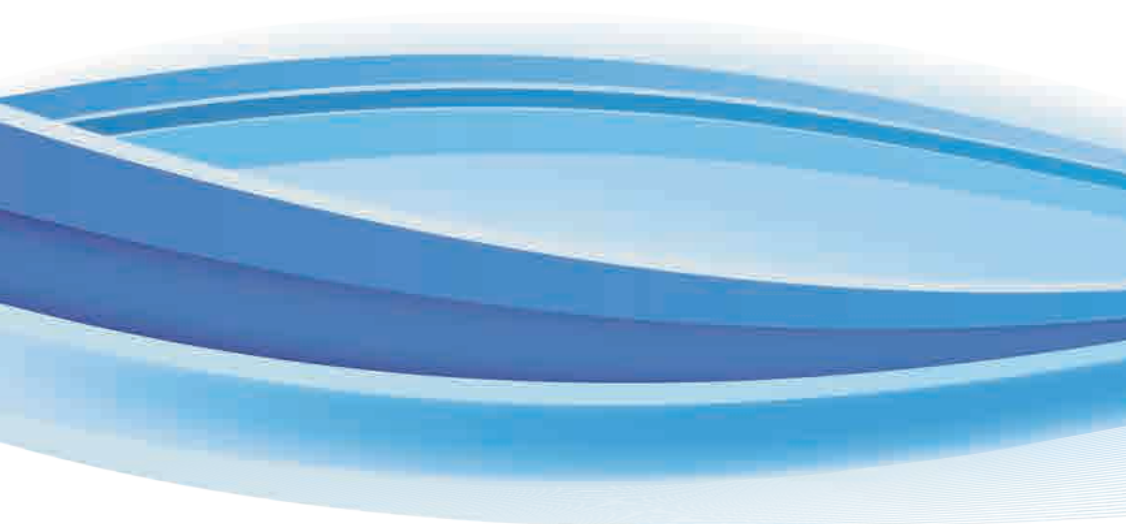
**Step 5:** Setting->Ordinary->VGA resolution->Save

The screenshot shows the NVR web management interface. The top navigation bar includes 'Preview', 'Playback', 'Setting' (highlighted with a red box), and 'Management'. On the left, a sidebar menu lists various settings, with 'Ordinary' (under 'Video Setting') highlighted with a red box. The main content area displays several configuration options: 'TimeZone' (+08:00), 'Date Format' (YYYY/MM/DD), 'Date' (2020-08-22), 'Time' (11:27:36), 'Key Buzzer' (Yes), 'OSD Alpha' (16), and 'VGA Resolution' (1280x1024, highlighted with a red box). A blue 'Save' button is located at the bottom of the settings list, also highlighted with a red box.

**Step 6:** Connect the NVR to your primary screen via again to check the display.







## Free user support

Email: [technicalreply@qacctv.com](mailto:technicalreply@qacctv.com) Skype: [market@qacctv.com](https://www.skype.com/people/market@qacctv.com)

Tell: +1-202-945-9595 / +86-18127028076

website: [k.jooan.cc](http://k.jooan.cc) (download APP/ e-manual/operation video)