



QUICK USER GUIDE

Security NVR Kit

www.onwote.com
support@onwote.com

Content

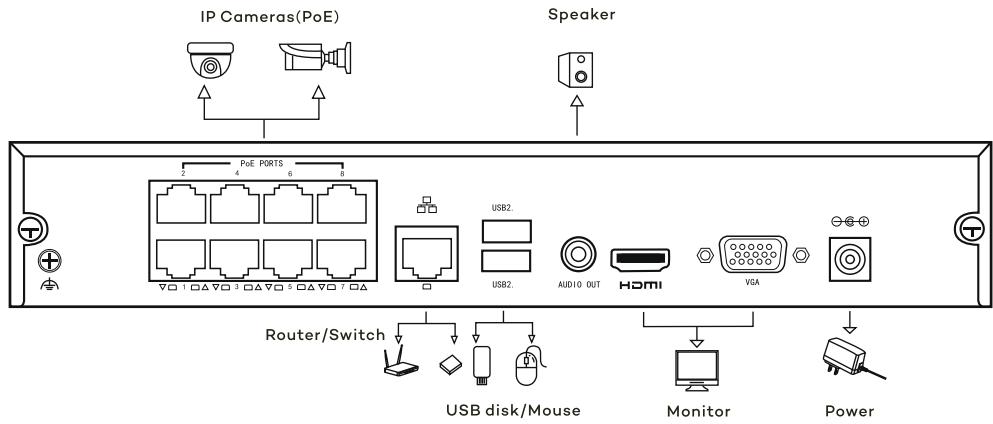
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Safety Caution

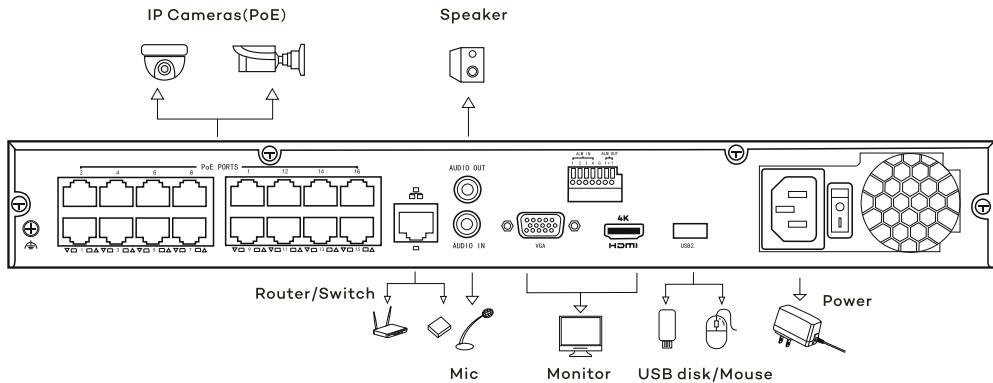
- Please read this user manual carefully to ensure that you can use the device correctly and safely. This manual is suitable for many models.
- All examples and pictures used in the manual are from one of the models for reference purpose.
- There may be several technically incorrect places or printing errors in this manual. The updates will be added into the new version of this manual. The contents of this manual are subject to change without notice.
- This device should be operated only from the type of the power source indicated on the marking label. The voltage of the power must be verified before using the same. Kindly remove the cables from the power source if the device is not to be used for a long period of time.
- Use the device under the required safety power range, or it will cause power supply short circuit and device stop working.
- **Use the navigation menu or the power switch to shut down, do not directly unplug the power. A sudden power failure may cause device damage and data loss.**
- Do not install this device near any heat sources such as radiators, heat registers, stoves or other devices that produce heat.
- Do not install this device near water. Clean only with a dry cloth.
- Do not block any ventilation openings and ensure proper ventilation around the machine.
- Do not power off the device at normal recording condition.
- This machine is for indoor use only. Do not expose the machine in rain or moist environment. In case any solid or liquid get inside the machine's case, please turn off the device immediately and get it checked by a qualified technician.
- Do not try to repair the device by yourself without technical aid or approval.
- When this product is in use, the relevant contents of Microsoft, Apple and Google will be involved in. The pictures and screenshot in this manual are only used to explain in the usage of our product. The ownerships of trademarks, logos and other intellectual properties related to Microsoft, Apple and Google shall belong to the above-mentioned companies.

Hook up a monitor to the NVR to setup the system.

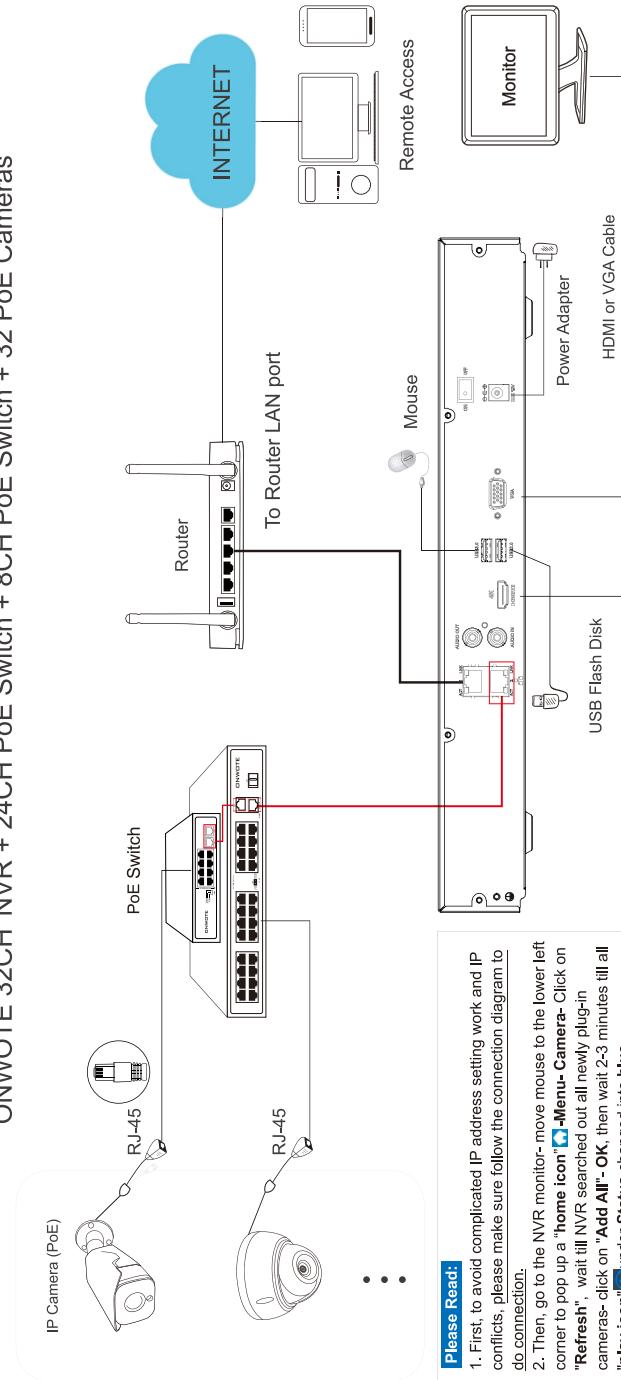
ONWOTE 8CH PoE NVR Connection Diagram:



ONWOTE 16CH PoE NVR Connection Diagram:



ONVIVOTE 32CH NVR + 24CH PoE Switch + 8CH PoE Switch + 32 PoE Cameras

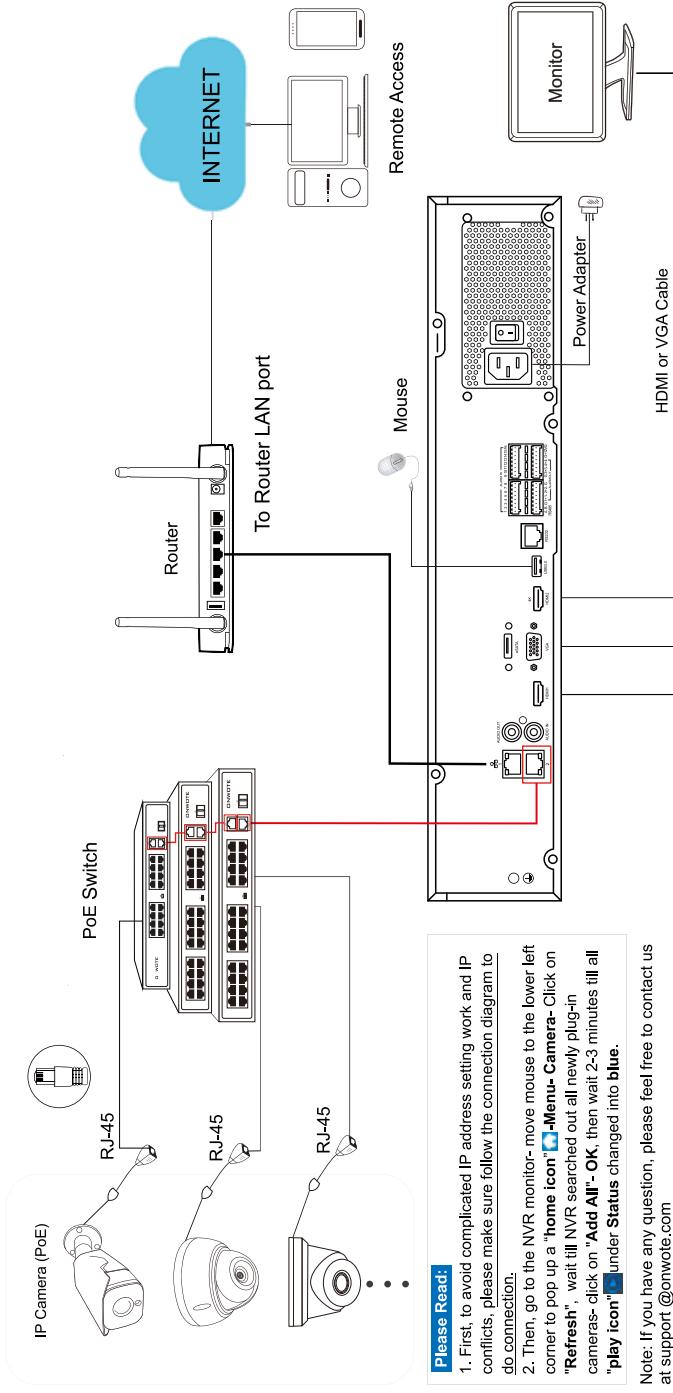


Please Read:

1. First, to avoid complicated IP address setting work and IP conflicts, please make sure follow the connection diagram to no connection.
2. Then, go to the NVR monitor- move mouse to the lower left corner to pop up a "home icon"  **Menu** - Camera- Click on **Refresh**-, wait till NVR searched out all newly plug-in cameras- click on "Add All" - **OK**, then wait 2-3 minutes till all play icon  under Status changed into **blue**.

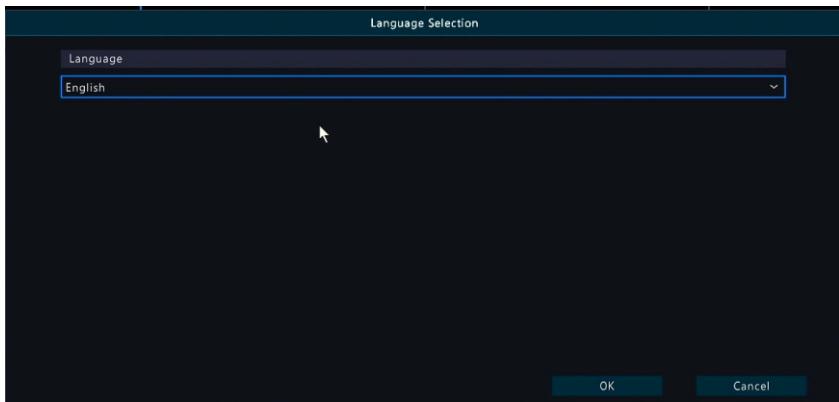
Note: If you have any question, please feel free to contact us at support@onwote.com

ONWOTE 64 CH NVR + 24CH PoE Switch + 24CH PoE Switch + 16 CH PoE Switch + 64 PoE Cameras



Wizard Setup

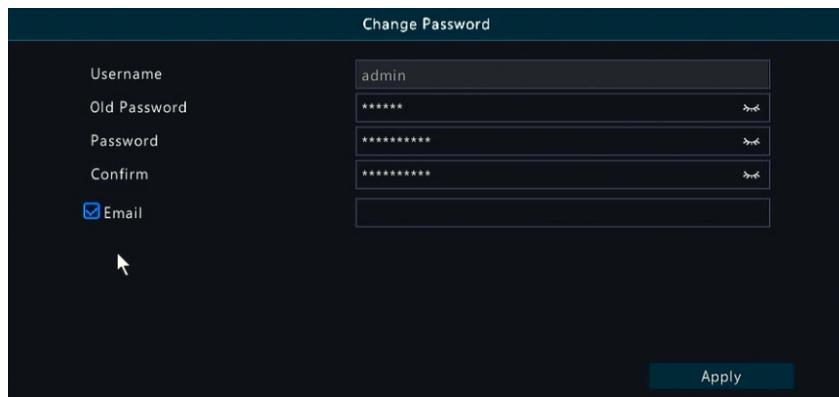
1. Select language.



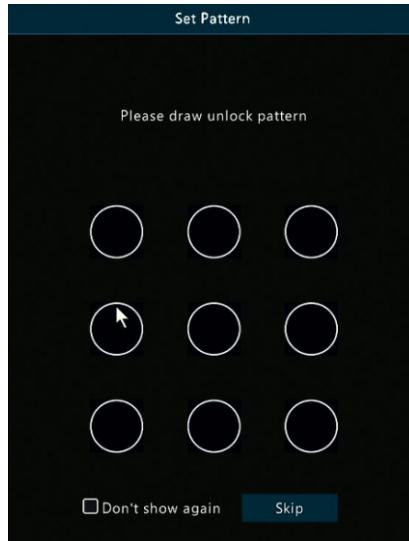
2. Login (User : **admin** Password: **123456**).

3. Change password. Enter old password, new password and your email address.

Tips: The old password is 123456. The new password must be strong, containing a mix of letters, numbers and special characters.



4. Set a pattern to unlock the system (skip if you don't need it).



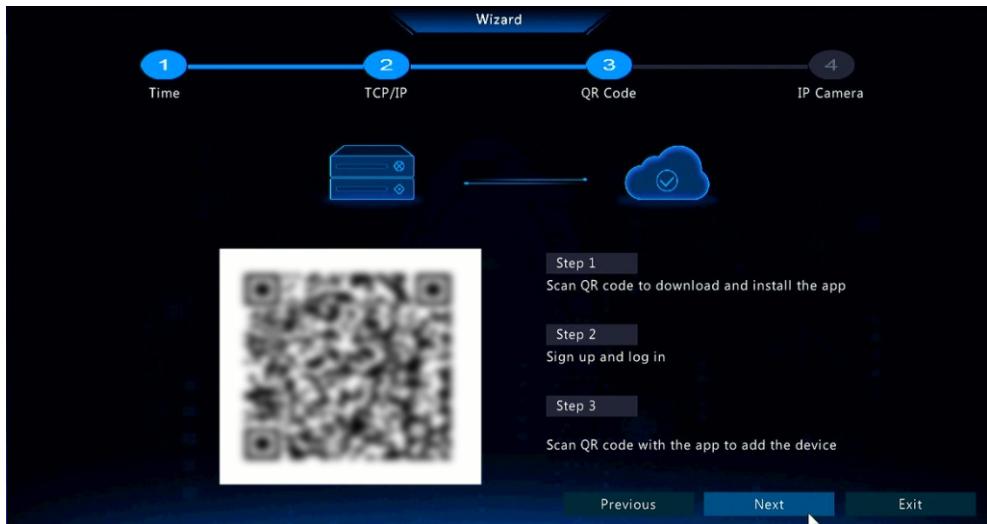
5. Set the time zone and check in “**Enable DST**” if you use daylight saving time



6. Keep network settings as default, click **Next**.

Tips: if you use static IP, please turn off “Enable DHCP” and set an ip manually.

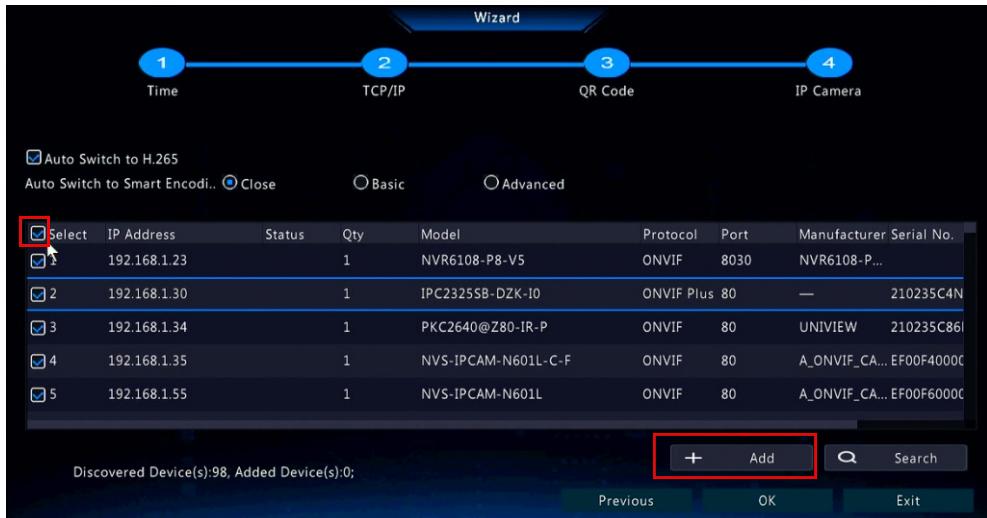
7. Scan the QR code to download the mobile app and add the device in the app (please refer to Page **10** for detailed steps).



8. Add cameras. Check in all the cameras, click **+Add** to add cameras.

Tips:

- If you need to add more cameras after wizard setup, please go to the **NVR Menu - Camera**, click **Add All** on the top to add more cameras.
- If you use 8CH/ 16CH NVR, you won't see this step. All cameras connected to the NVR will appear automatically.

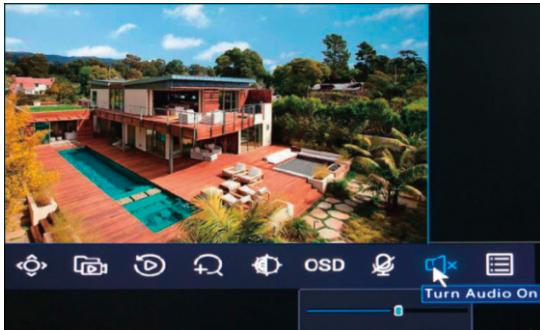


Default login information for NVR system:

Username: **admin** Password: **123456**

How to Play Audio?

Click on the channel to select camera, click  to play audio. You can only play one channel audio once.



Note

1. If your monitor does not come with a speaker, or does not support audio input via HDMI, it may fail to output audio.
2. Some ONWOTE cameras do not support audio.

Name Your Cameras

Click on the channel to select camera, click **OSD** to edit camera name.



Please make sure connected NVR to the router directly with an Ethernet cable to get internet.

1. Download “**Elink Defense**” on your mobile phone from Apple App Store or Google play.

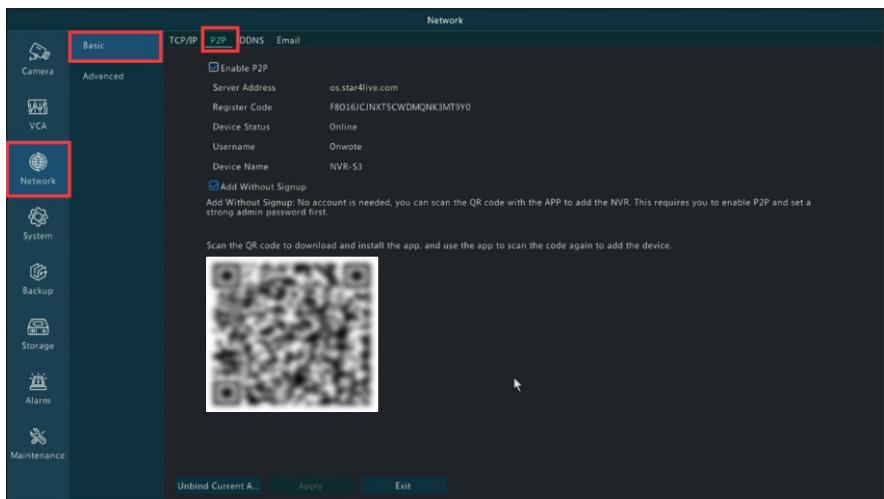


Elink

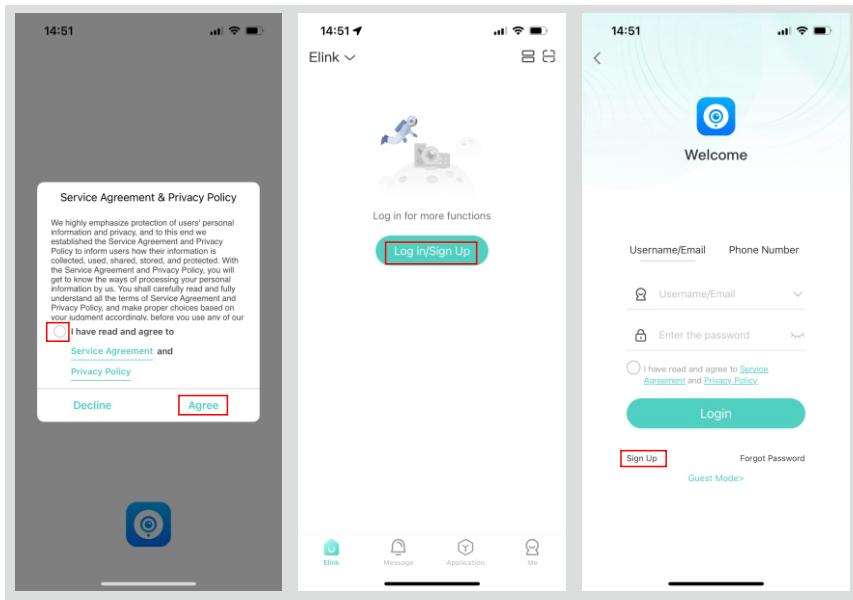


QR code

2. Find the device QR code on the bottom of the NVR. If you cannot find the QR code on the NVR, please right click your mouse on the NVR monitor, choose **Menu-->Network-->Basic-->P2P** to get the QR code.



3. Open **Elink**, check in <<I have read and agree to **Service Agreement** and **Privacy Policy>>**, click on **Agree**.
4. Tap on **Log in/Sign up**, tap **Sign Up** to register an account.

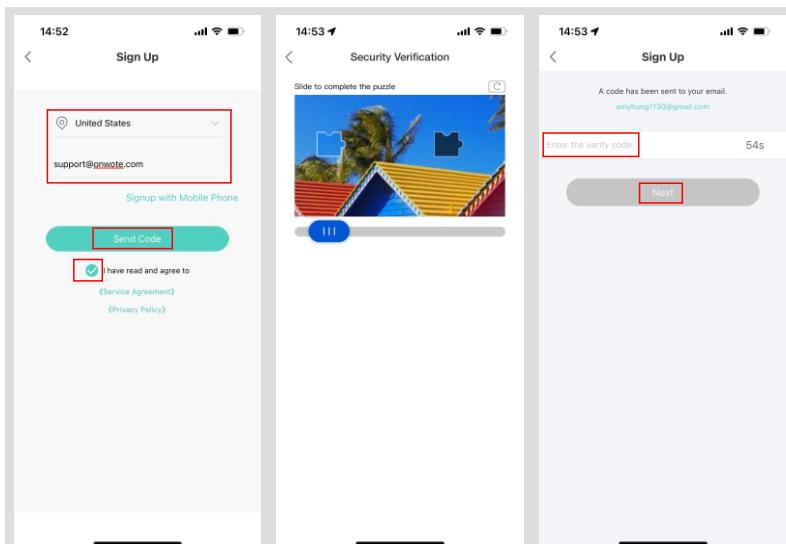


5. Select Region, enter your email address, check in I have read and agree to <<Service Agreement>> and <<Privacy Policy>>. Tap on **Send Code**.

6. Complete the puzzle to get a security code.

Tips: when checking notification code, please check both inbox and spam/trash folder.

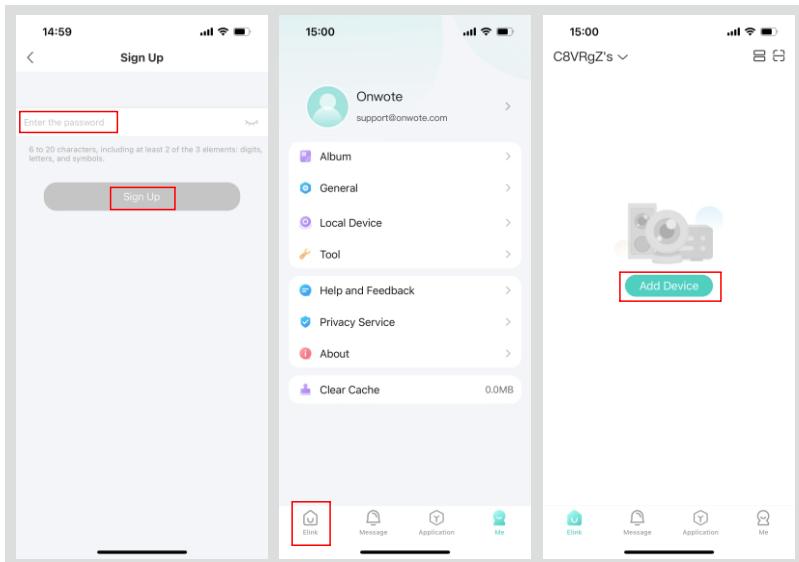
7. Enter the security code, click on **Next**.



8. Set a password and tap on **Sign Up**.

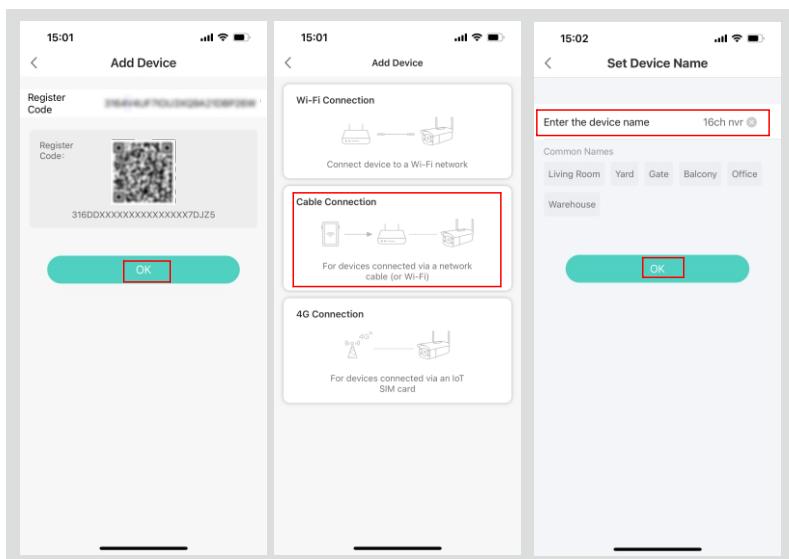
9. Tap **Elink** on the bottom left.

10. Tap on **Add Device**. Scan the device QR code (Refer to step 2 to get the QR code).

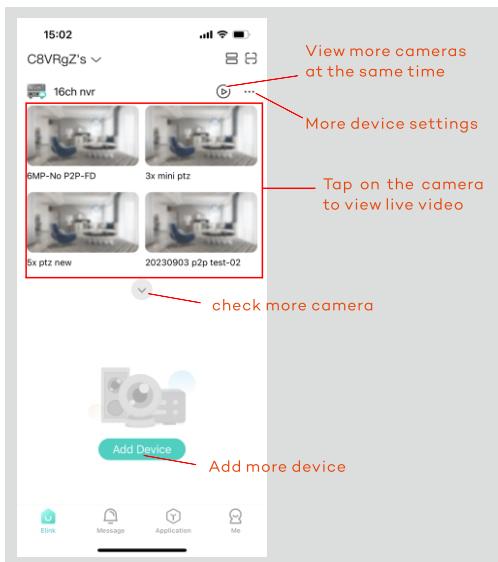


11. Tap on **OK**, choose **Cable Connection**.

12. Set a name for the security camera system. Tap on **OK**.



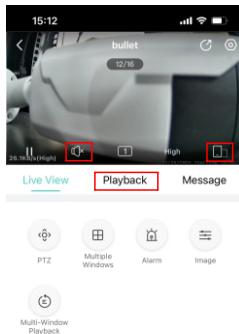
13. Tap on the camera to view video. Tap on  on the right side to view more cameras at the same time.



14. Tap on the video image, click on  to check audio. If your camera supports 2 way audio, please tap  on the bottom to start 2 way audio.

15. Click **Playback** to check recordings.

16. Rotate the phone to horizontal orientation or tap  to view video in full screen.

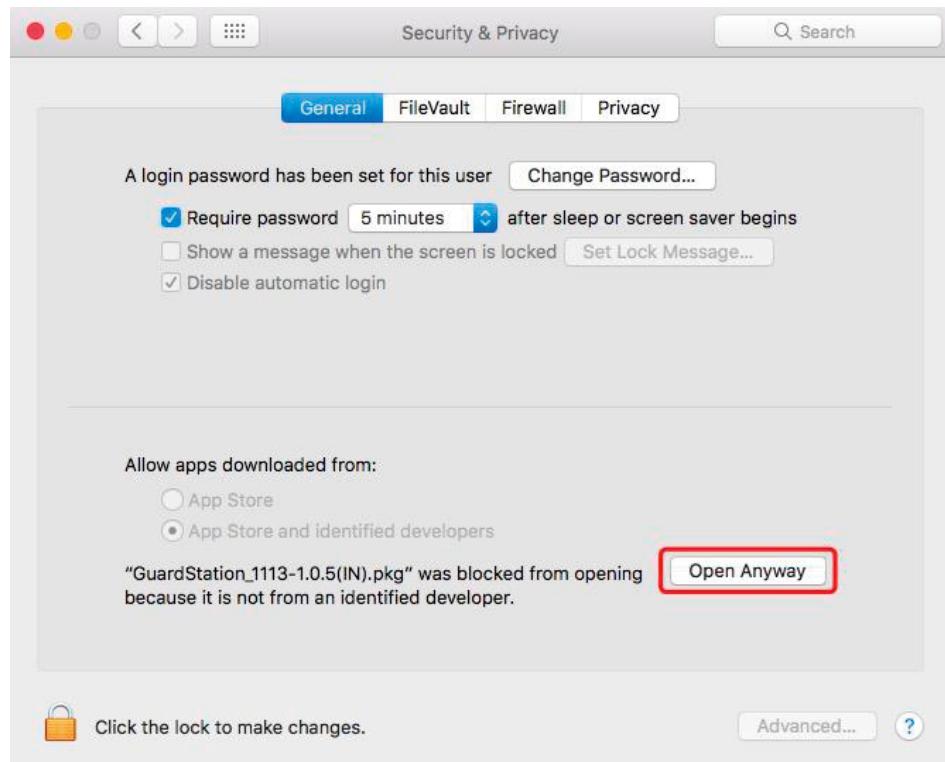


Please download the PC client software at: www.onwote.com:

Support--> Download Center--> Software--> NVR30...Series

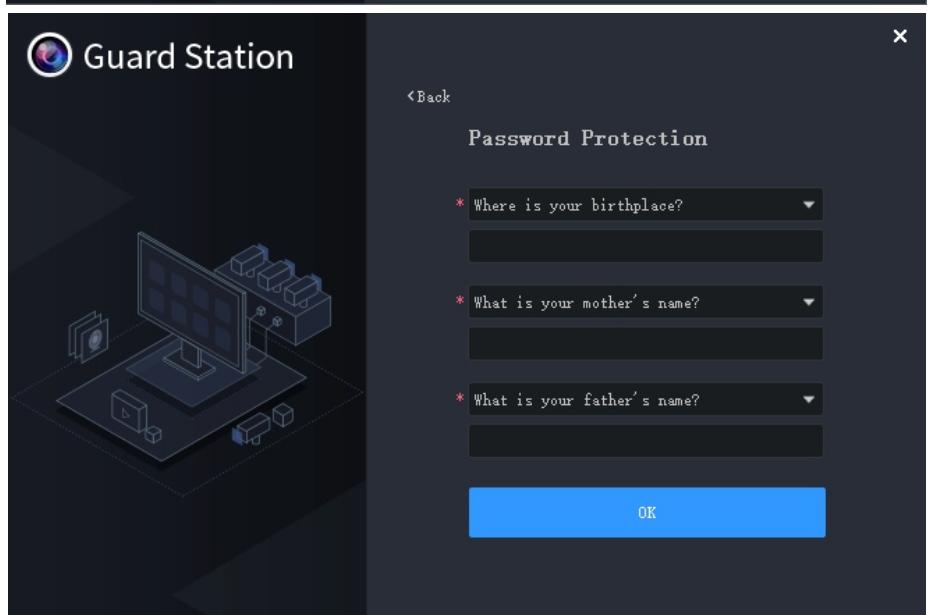
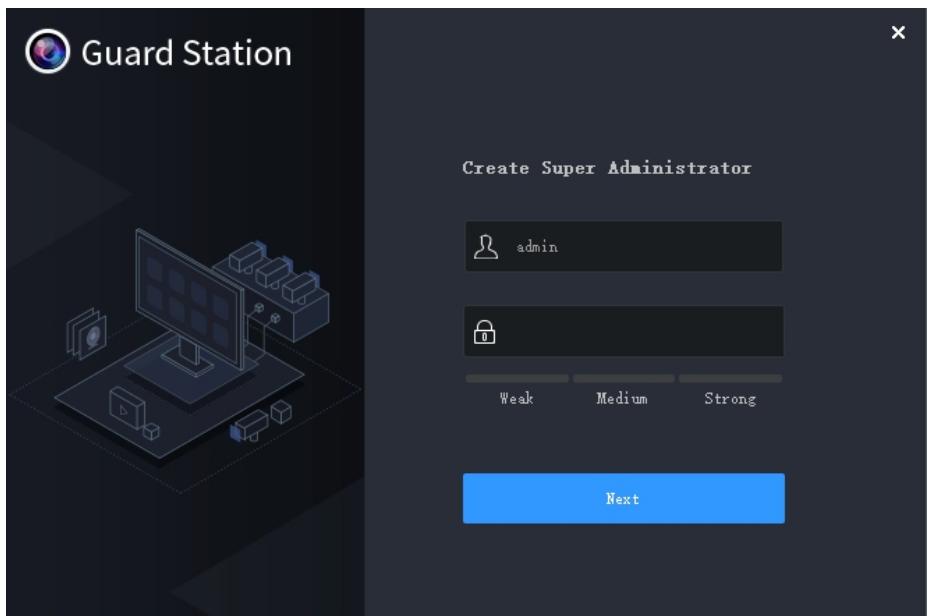
Download the PC client software on Windows PC or MAC, install **Guard Station**.

Tips: If your MAC doesn't allow to install the software, go to **System Preference**, choose **Security & Privacy**, click **Open Anyway** to allow your MAC to install the software.

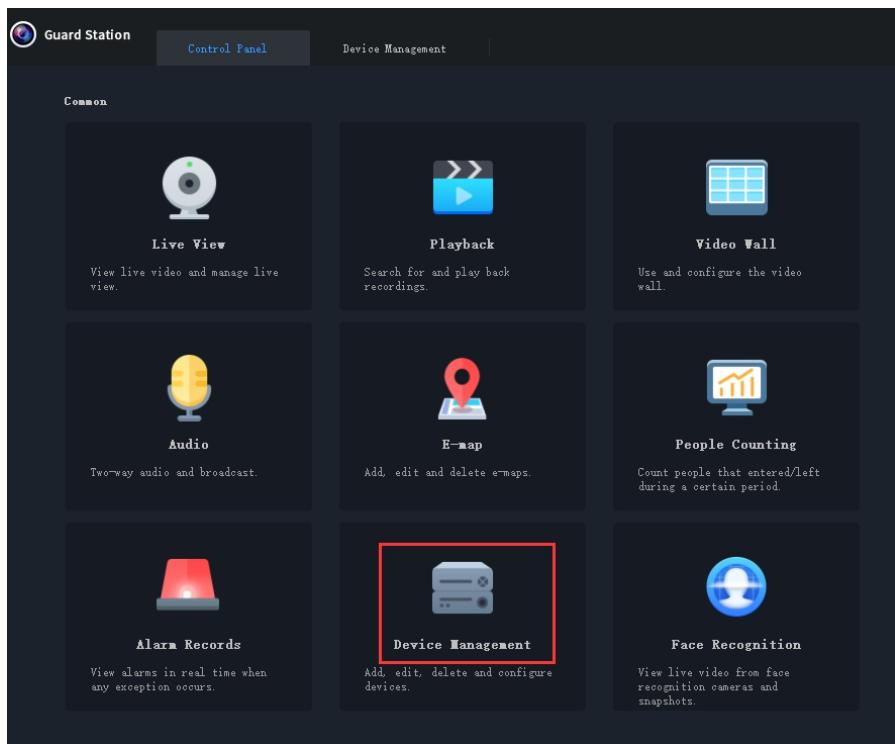


Windows PC

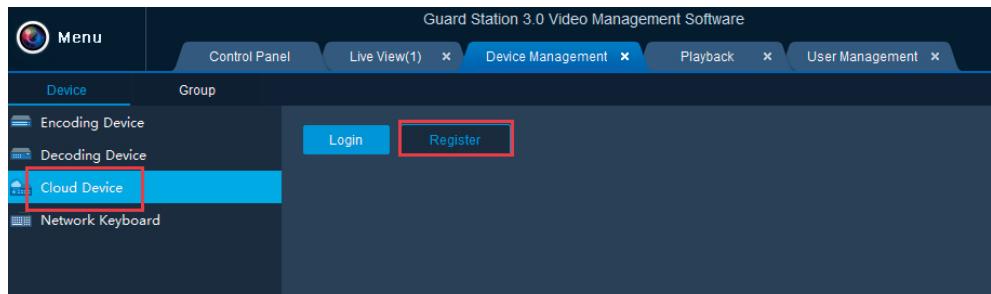
a. Launch Guard Station and create an Administrator. Enter a password and click on **Next**. Set security questions and click on **OK**.



b. Login with the user you created. Go to **Control Panel**, click **Device Management** to add device.



c. Click **Cloud Device** and **Register** to register a cloud account (If you've already registered an account on your mobile app - **Elink Defense**, login with that account directly).



d. Type in a username, select region, enter your email address, verification code and set a password, click **Register** to sign up an account.

Already got an account? [Log In](#)

Register

* Username: Set a username for account
1-20 characters, including letters(A-Z, a-z), digits(0-9...)

* Region: Select a region

Register Using: Email Mobile Phone Number
Enter your email address, click on send code

* Email: Send Code

* Verification Code: Enter the verification code

* Password: Set a password for your account

* Confirm Password: Confirm your password

I have read and agree to [Service Agreement](#) and [Privacy Policy](#)

Register

e. Click **+Add** to add device.

Star4Live

Device Management Channel Management Organization Management My Sharing

Organization

Please enter keywords

+ Add

Device Name: All Device Status: All Device Name: Q Please enter keyword

Search Reset

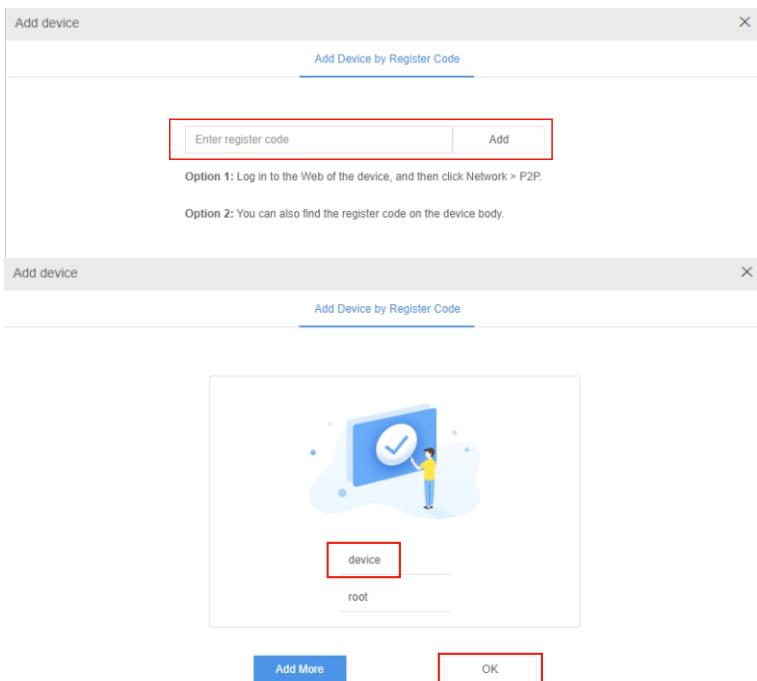
Online Device(s): 0 Total Device(s): 0

Please click Download for the latest PDF version and go to Versions section (1.0.000.000 and later supported). To view your current single version, click Control Panel > Programs and Features > Star4Live 2.0.0. Please close your browser before installing setup and open any application after.

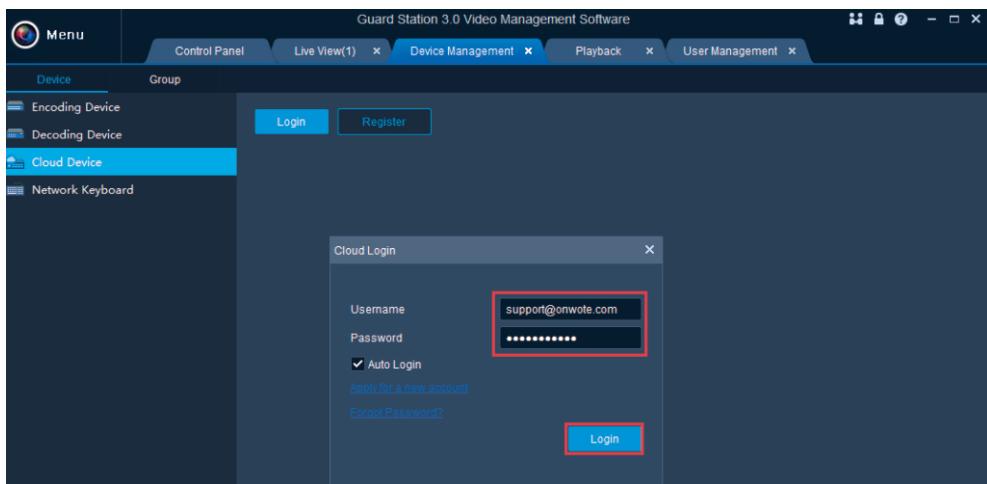
| | Device Name | Device Model | Device Type | Device Owner | Organization | Last Online Time | Status | Action |
|--|-------------|--------------|-------------|--------------|--------------|------------------|--------|--------|
| | | | | | | | | |

f. Input the **Register Code** and click on **Add**. Then set a name for your device and click on **OK**.

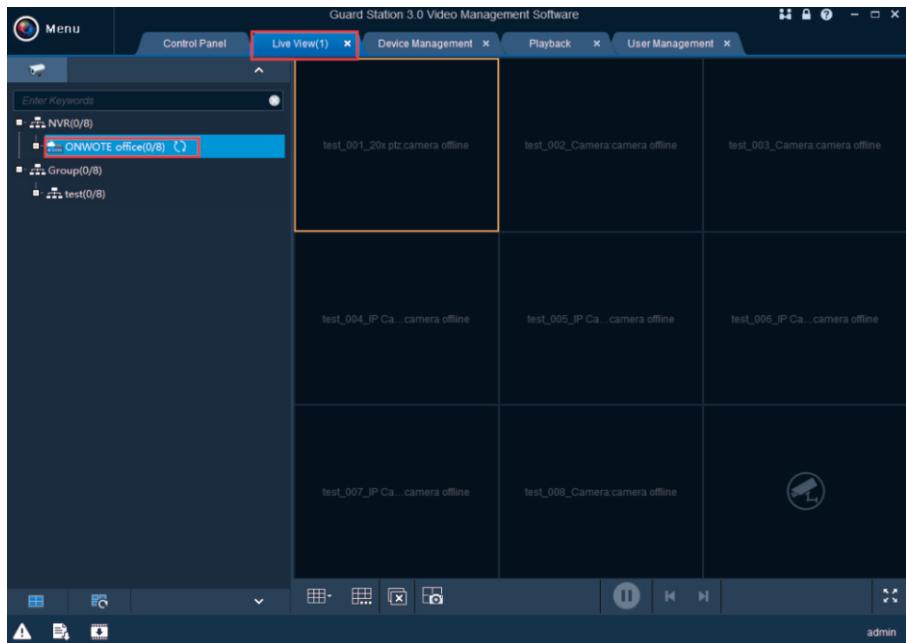
(**How to get Register code?**-Right click on the NVR monitor,choose **Menu-->Network-->Basic-->P2P** to get the register code)



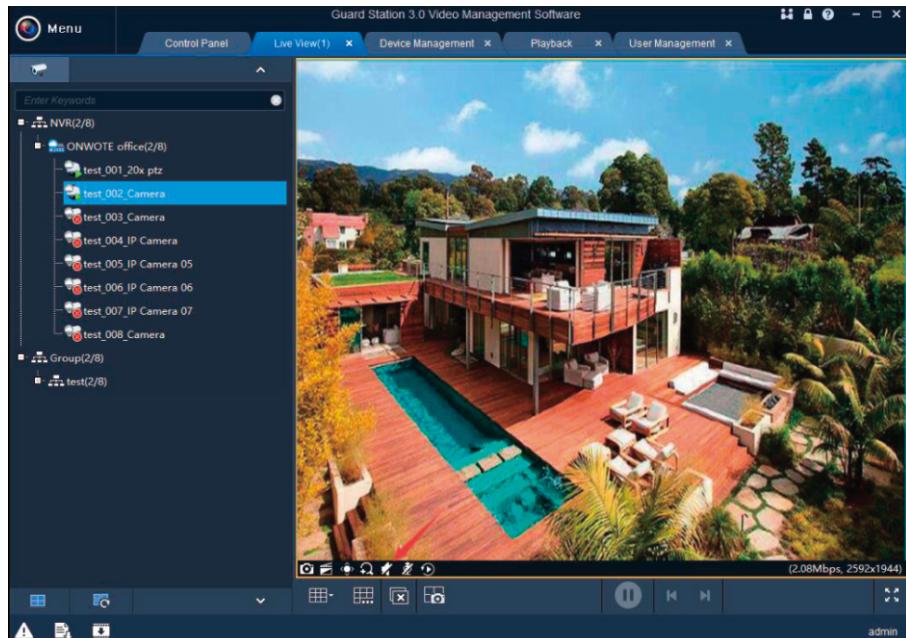
g. Go back to your PC client software - **Guard Station**, login with the account you registered.



h. Go to **Live View** and double click the device to view live video.



For audio cameras, move mouse to the channel to show up menu, click  to play audio.

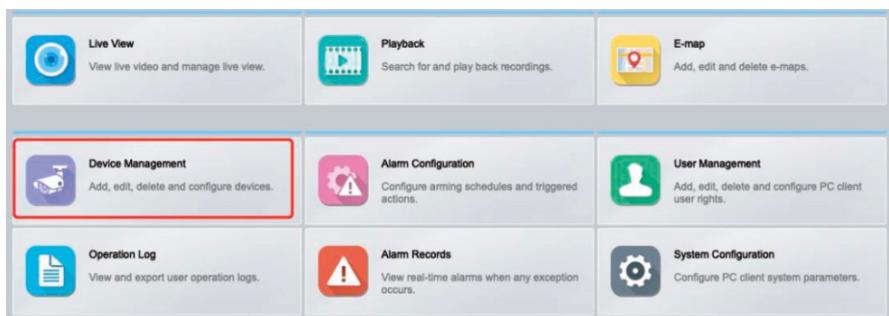


a. Launch Guard Station, login with default account.

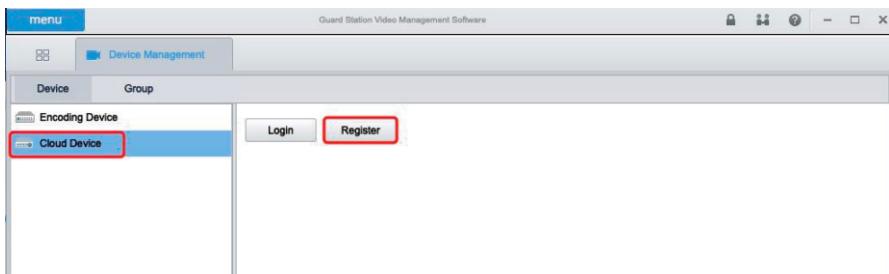
(User name: **admin** Password: **123456**)



b. Click **Device Management** to add device



c. Click **Cloud Device** and **Register** to register a cloud account (If you've already registered an account on your mobile app - **Elink Defense**, login with that account directly).



d. Type in a username, select region, enter your email address, verification code and set a password, click **Register** to sign up an account.

Already got an account? [Log In](#)

Register

* Username: **Set a username for account**
1-20 characters, including letters(A-Z, a-z), digits(0-9...)

* Region: **Select a region**

Register Using: Email Mobile Phone Number
Enter your email address, click on send code

* Email:

* Verification Code: **Enter the verification code**

* Password: **Set a password for your account**

* Confirm Password: **Confirm your password**

I have read and agree to [Service Agreement](#) and [Privacy Policy](#)

e. Click **+Add** to add device.

Star4Live

Device Management Channel Management Organization Management My Sharing

Organization: Please enter keywords:

Device Name: All Device Status: All Device Name: Please enter text

Online Device(s): 0 Total Device(s): 0

Device Name Device Model Device Type Device Owner Organization Last Online Time Status Action

f. Input the **Register Code** and click on **Add**. Then set a name for your device and click on **OK**.

(**How to get Register code?**-Right click on the NVR monitor,choose **Menu-->Network-->Basic-->P2P** to get the register code)

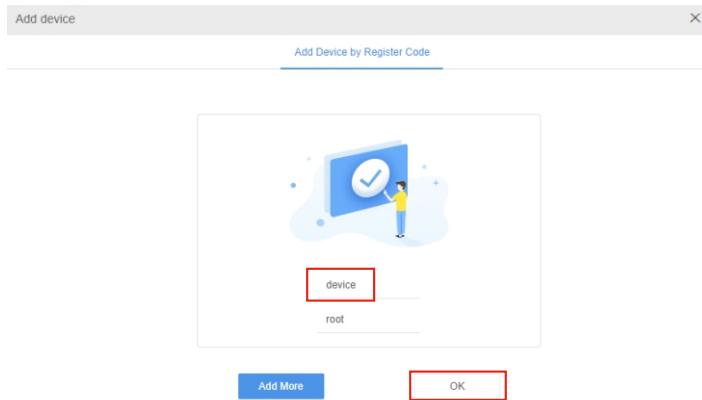
Add device

Add Device by Register Code

Enter register code

Option 1: Log in to the Web of the device, and then click Network > P2P.

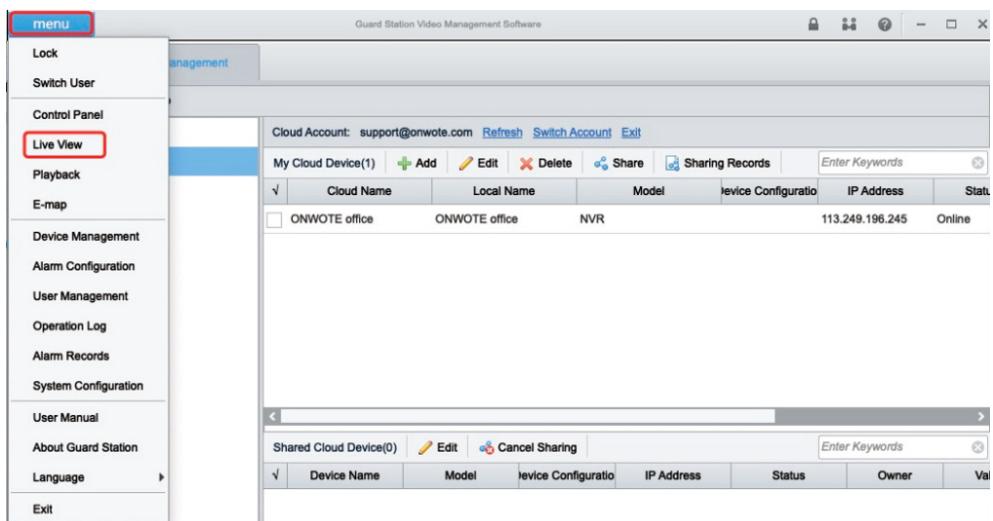
Option 2: You can also find the register code on the device body.



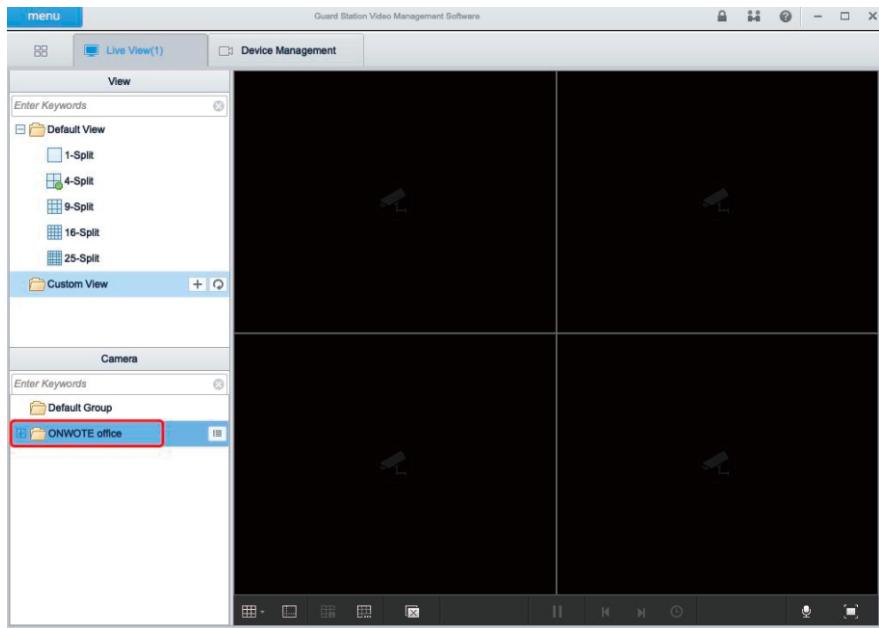
g. Go back to your PC client software - **Guard Station**, login with the account you registered.



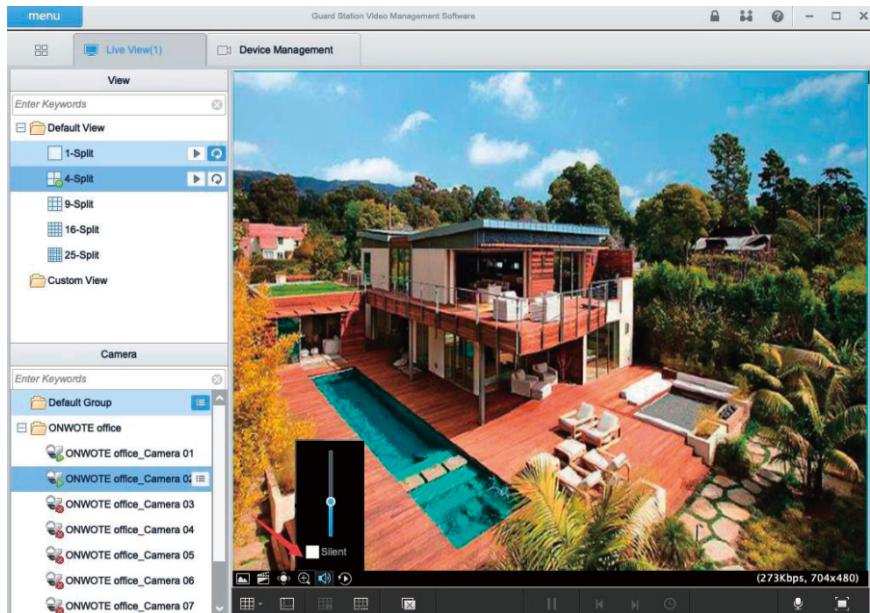
h. Click **Menu** on the top left and choose **Live View**



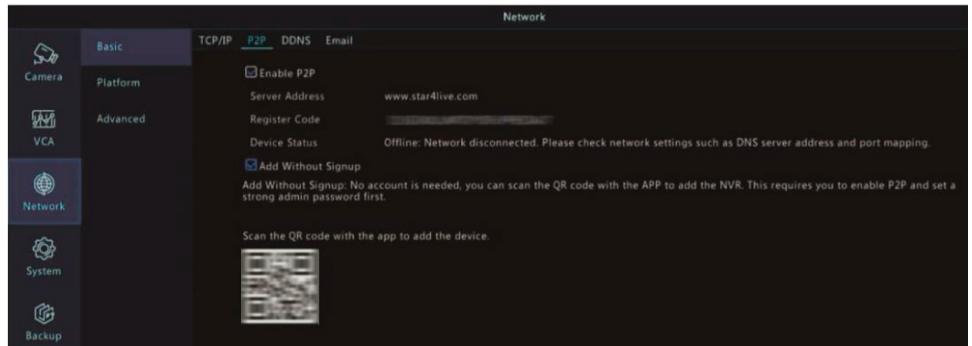
i. Double click device to view live video.



For audio cameras, move mouse to the channel to show up menu, click  , uncheck **Silent** to play audio.



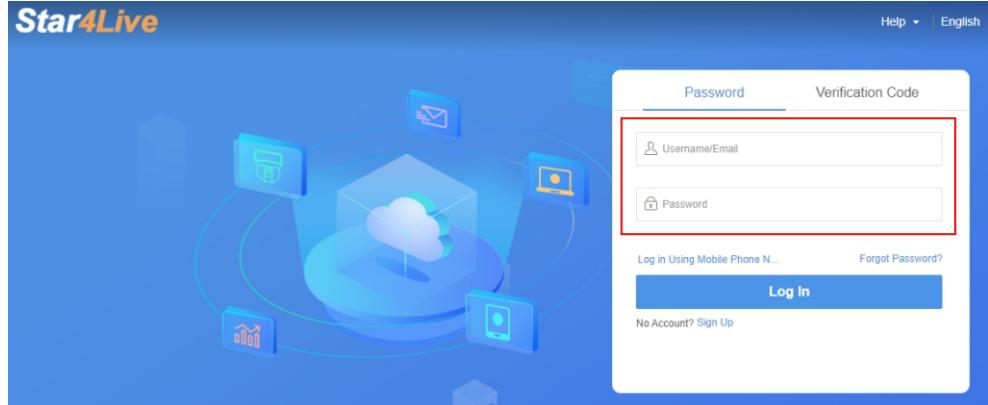
1. Find the **Register Code** of your device: Right click on NVR monitor-->Menu-->Network--> P2P.



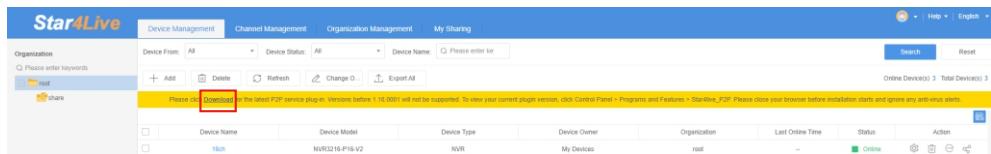
2. Type www.star4live.com in the web address bar of your browser.

3. Login with the account you registered on mobile app - **Guard Viewer** or PC client software - **Guard Station**.

Tips: If you haven't registered an account before, click **Sign up** and follow the **Step-d** to **Step-f** on [page 21](#) to register an account and add device



4. Download web plugin, close your browser, install the web plugin.



Star4Live

Device Management Channel Management Organization Management My Sharing

Organization Q: Please enter keywords

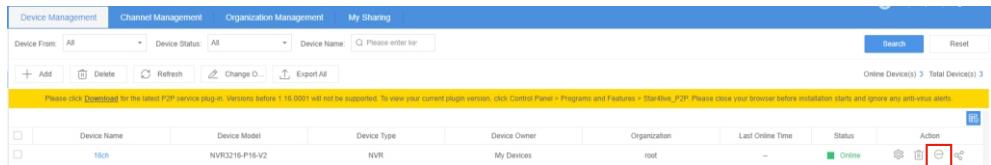
Device Filter: All Device Status: All Device Name: Q: Please enter key

+ Add Delete Refresh Change Order Export All

Please click Download to the latest P2P service plug-in. Previous version 1.16.0001 will not be supported. To view your current plugin version, click Control Panel > Programs and Features > Star4Live_P2P. Please close your browser before installation starts and agree any antivirus alert.

| Device Name | Device Model | Device Type | Device Owner | Organization | Last Online Time | Status | Action |
|-------------|----------------|-------------|--------------|--------------|------------------|--------|--|
| 16ch | NVR3216-P16-V2 | NVR | My Devices | root | — | Online |    |

5. Go back to www.star4live.com and login again. Click  on the right side to go to the web client.



Device Management Channel Management Organization Management My Sharing

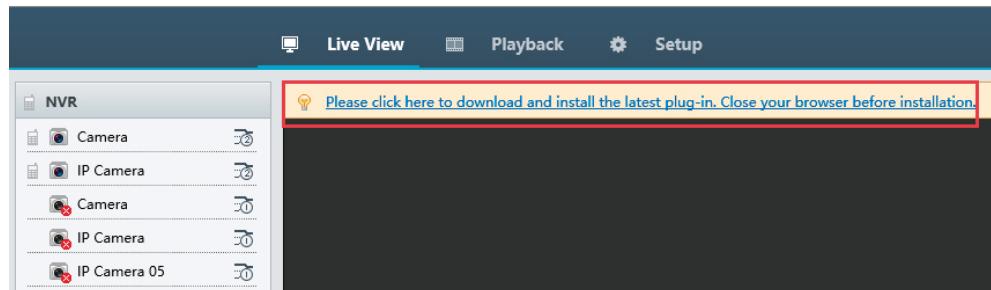
Device Filter: All Device Status: All Device Name: Q: Please enter key

+ Add Delete Refresh Change Order Export All

Please click Download to the latest P2P service plug-in. Previous version 1.16.0001 will not be supported. To view your current plugin version, click Control Panel > Programs and Features > Star4Live_P2P. Please close your browser before installation starts and agree any antivirus alert.

| Device Name | Device Model | Device Type | Device Owner | Organization | Last Online Time | Status | Action |
|-------------|----------------|-------------|--------------|--------------|------------------|--------|--|
| 16ch | NVR3216-P16-V2 | NVR | My Devices | root | — | Online |   |

6. Download another web plugin and refresh the page.



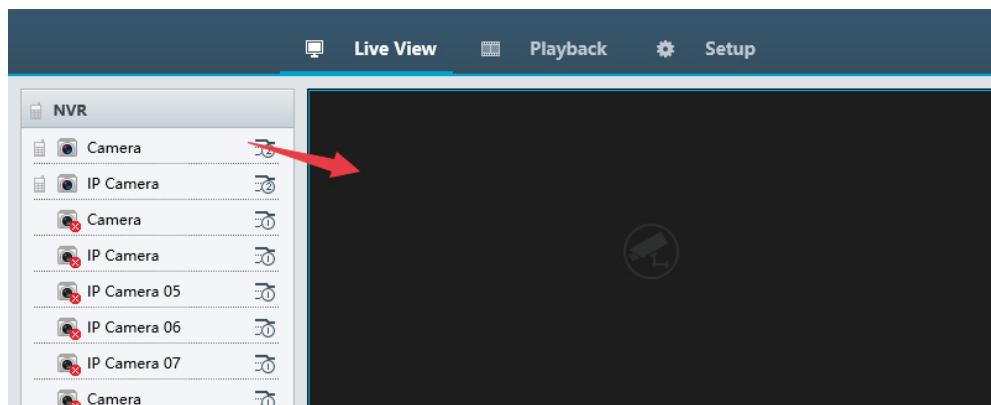
Live View Playback Setup

NVR

| | |
|--|---|
|  Camera |  |
|  IP Camera |  |
|  Camera |  |
|  IP Camera |  |
|  IP Camera 05 |  |

Please click here to download and install the latest plug-in. Close your browser before installation.

7. Drag cameras one by one to the windows on the right to view video



Live View Playback Setup

NVR

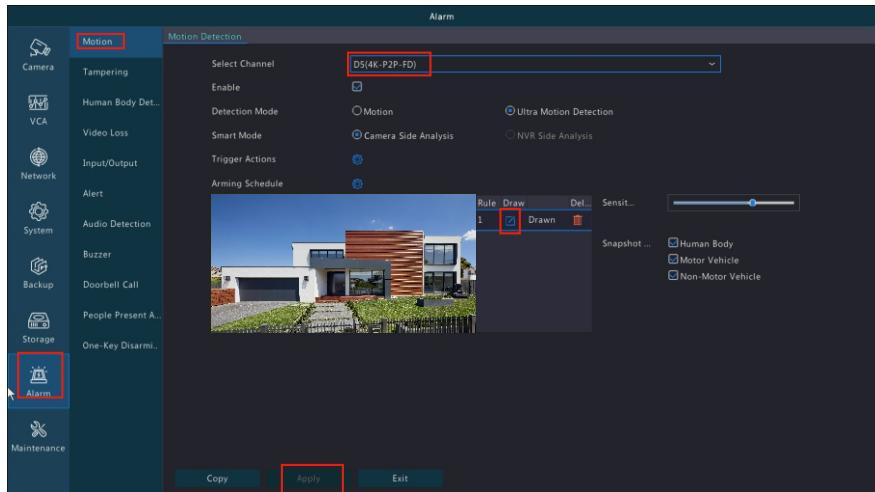
| | |
|--|---|
|  Camera |  |
|  IP Camera |  |
|  Camera |  |
|  IP Camera |  |
|  IP Camera 05 |  |
|  IP Camera 06 |  |
|  IP Camera 07 |  |
|  Camera |  |

Set Detection Area

1. Set Motion Area

Right click your mouse on the NVR monitor, choose **Menu-->Alarm-->Motion**. Select camera on the top, click on **Draw**, draw an area on the image to set motion detection area. Click **Apply** to save changes.

Tips: **Motion Mode** will detect all the movements, **Ultra Motion Detection mode** will only detect Human and vehicles. The default detection mode is Ultra Motion Detection mode.

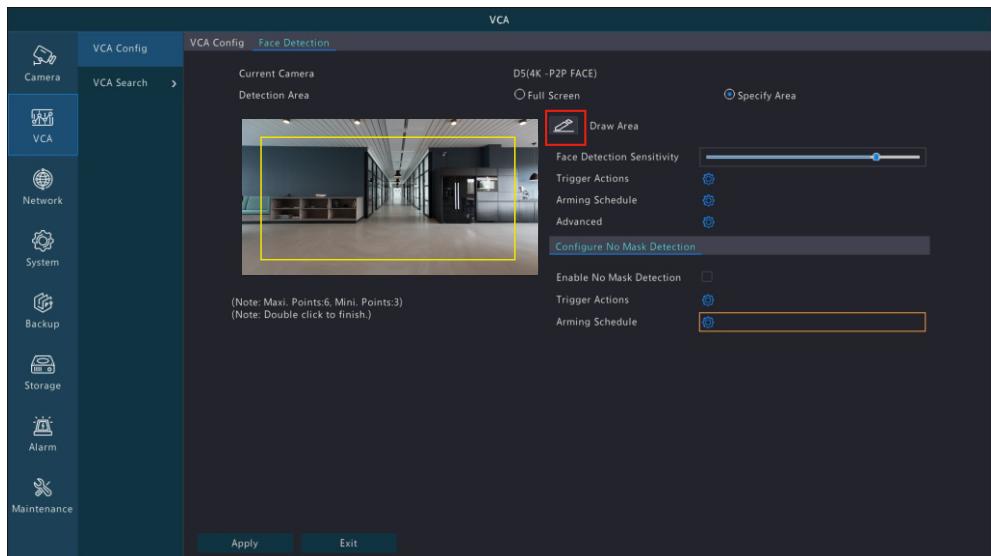
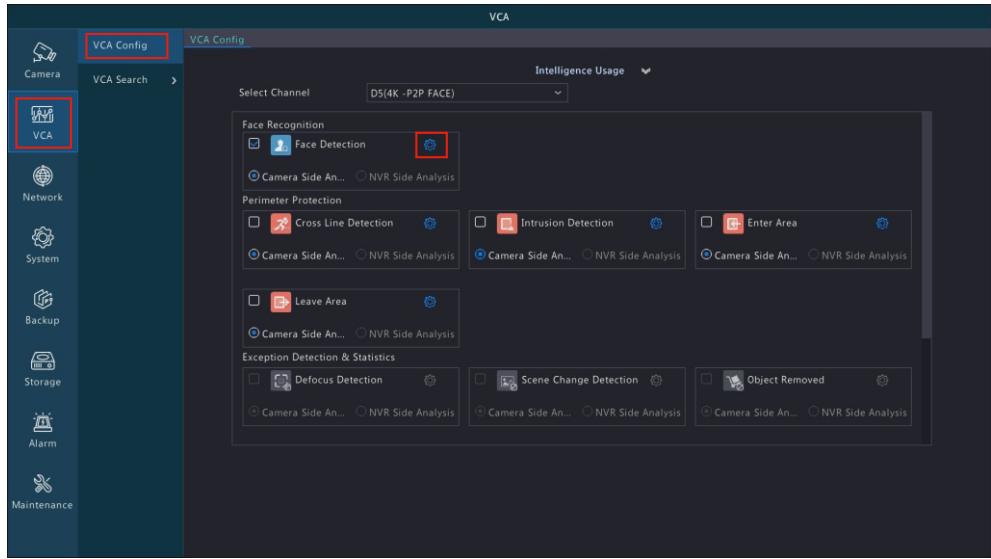


2. Set AI Detection Area

Attention: Some ONWOTE camera systems do not support AI functions. You can only use one AI feature at a time. AI function cannot work with Ultra Motion Detection (Human & Vehicle detection) either. If you enabled AI function, Ultra Motion Detection will be turned off.

Right click your mouse on the NVR monitor, choose **Menu-->VCA-->VCA Config**. Select camera on the top, check in the AI function you want to use. The following description takes Face Detection as an example.

Click  on the right side of the **Face Detection**. Click **Draw Area** to draw a detection area on the image. Click **Apply** on the bottom to save changes.

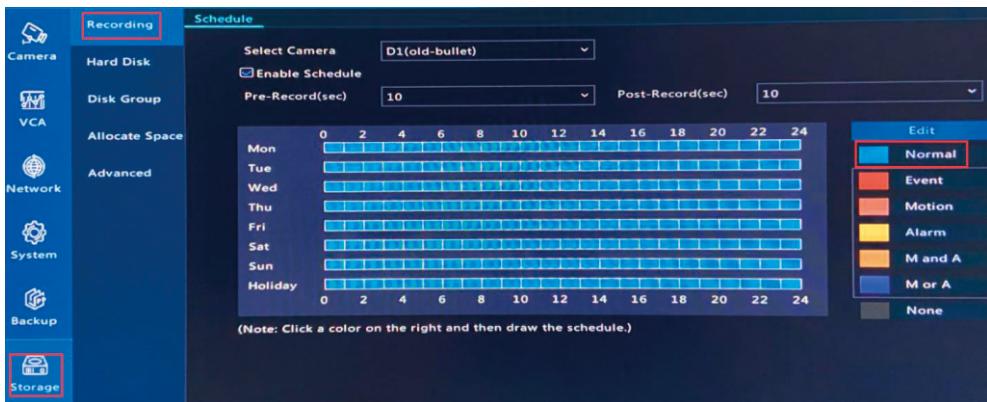


Recording Setup

Right click mouse on NVR monitor, choose **Menu->Storage->Recording** to set up recording.

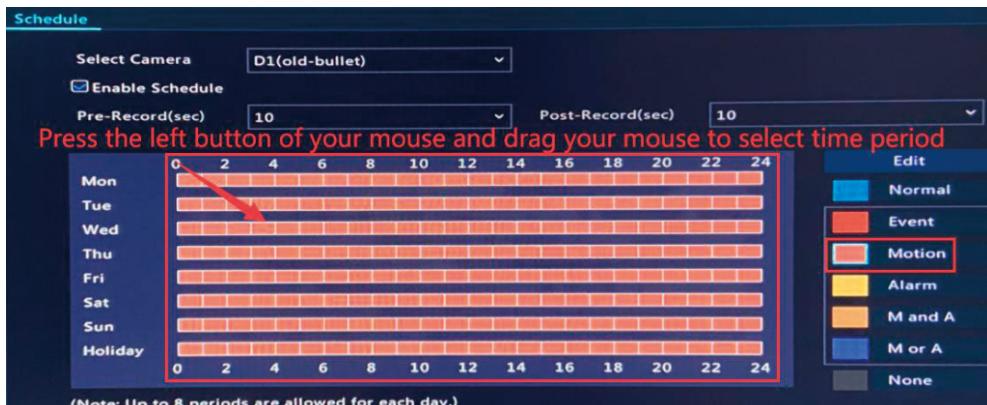
a) Normal Recording (24*7 Full Time Recording+ Ultra Motion Recording)

The default record mode. Record continuously, but highlight the ultra motion detection records in different color (Ultra Motion Detection is Human & Vehicle Detection).

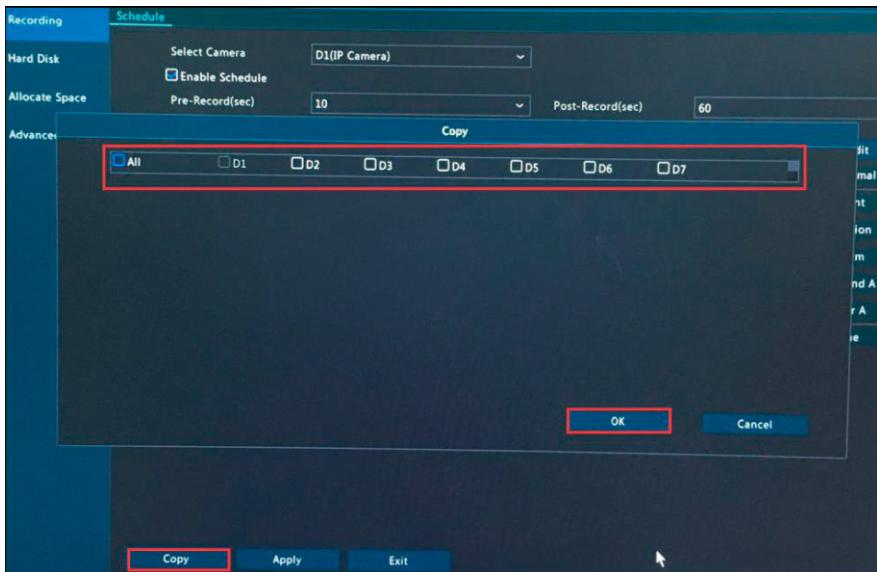


b) Motion Recording (If you enabled AI detection, the NVR will only record when AI detection is triggered)

1. Click **Motion**, press the left button of your mouse, drag to select time period.

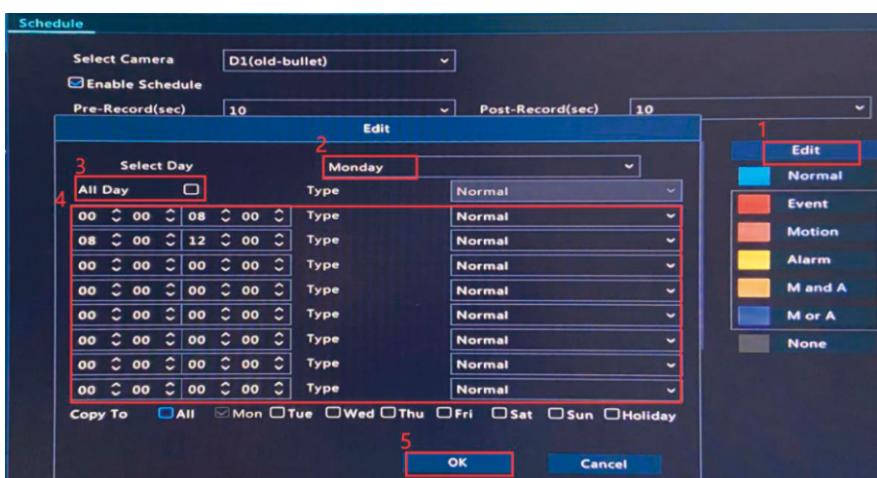


2. Click **Copy**, choose **All** and **OK** to copy settings to all the channels.



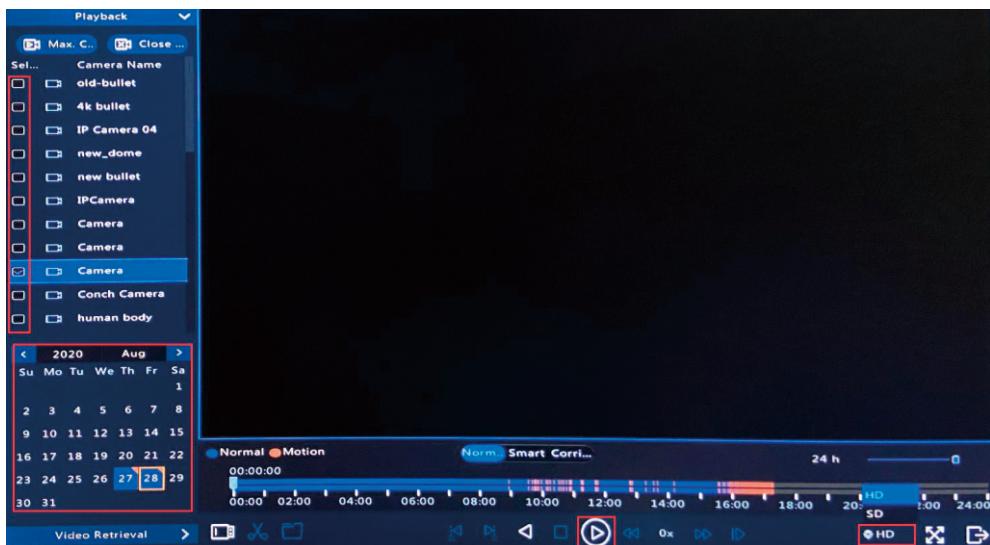
Recording Schedule Setup

1. Click **Edit** on the right side.
2. Select a day.
3. Uncheck **All Day**.
4. Manually set time period, choose recording mode for each time period.
5. Click **OK** to save changes.



a) Playback on NVR

1. Right click on NVR monitor, choose **Playback**.
2. Select cameras and date, change HD to SD (lower right corner) to view more cameras simultaneously.
3. Click the  to playback.



b) Playback via a Browser

1. Type www.star4live.com in your browser bar.
2. Login in with your account.

Tips: If you haven't registered an account, click **Sign up**, follow the **Step-d to Step-f on page 21**, register an account and add device.

3. Click on  , go to **Playback** page, select cameras and date, click  to playback.

Device Management Channel Management Organization Management My Sharing

Device Front: All Device Status: All Device Name: Q: Please enter key

+ Add Delete Refresh Change Order Export All

Search Reset

Please click [Download](#) for the latest P2P device plug-in. Versions before 1.15.0001 will not be supported. To view your current plugin version, click Control Panel -> Programs and Features -> Start4me_P2P. Please close your browser before installation starts and ignore any anti-virus alert.

Online Devices (3) Total Device(s) 3

| Device Name | Device Model | Device Type | Device Owner | Organization | Last Online Time | Status | Action |
|-------------|----------------|-------------|--------------|--------------|------------------|--------|--|
| 1921 | NVR3216-P16-V2 | NVR | My Devices | root | - | Online |  |

Live View **Playback** Setup

Normal

HD

Max. Cameras Close All

IP Camera Camera Camera IP Camera IP Camera 05 IP Camera 06 IP Camera 07 Camera

2019 Y 10 M

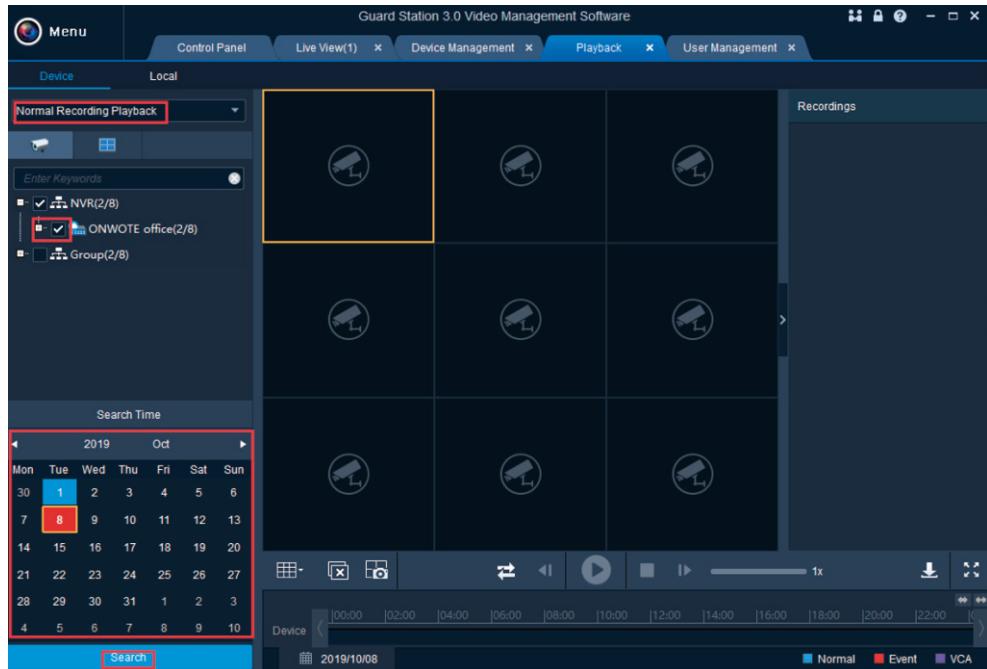
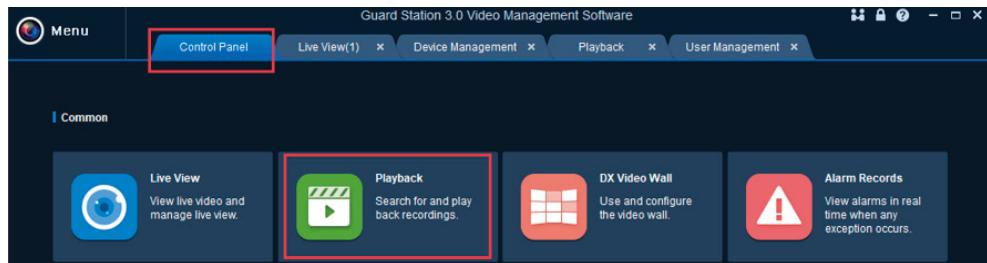
| | | | | | | |
|----|----|----|----|----|----|----|
| Su | Mo | Tu | We | Th | Fr | Sa |
| | | | 1 | 2 | 3 | 4 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

00:00:00 1x



c) Playback via PC client software- Guard Station

1. Open PC client software, go to **Control Panel** and click **Playback**.
2. Select Recording Playback mode (*default is Normal Recording Playback*).
3. Check in device and select date, click **Search** to playback.

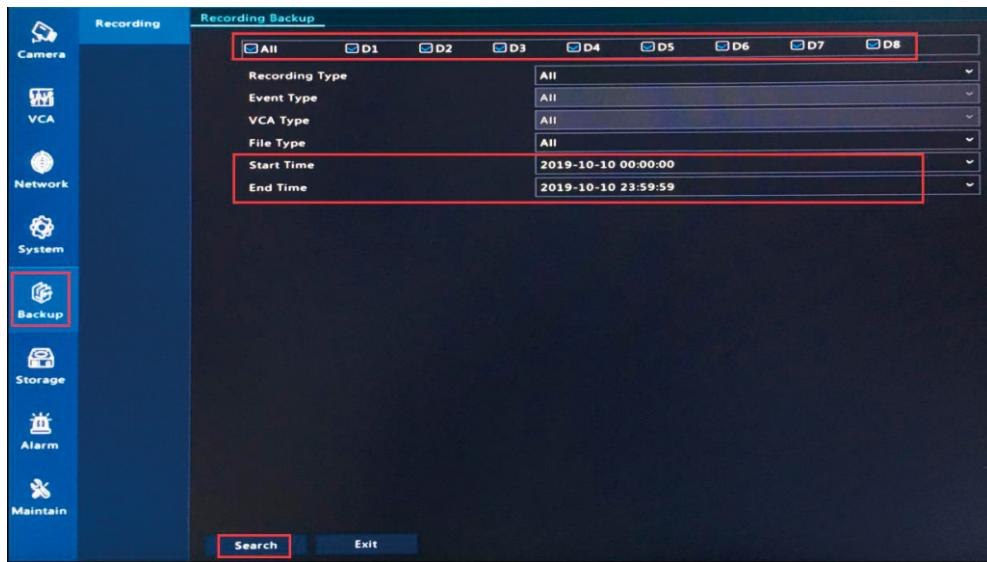


8 Video Backup

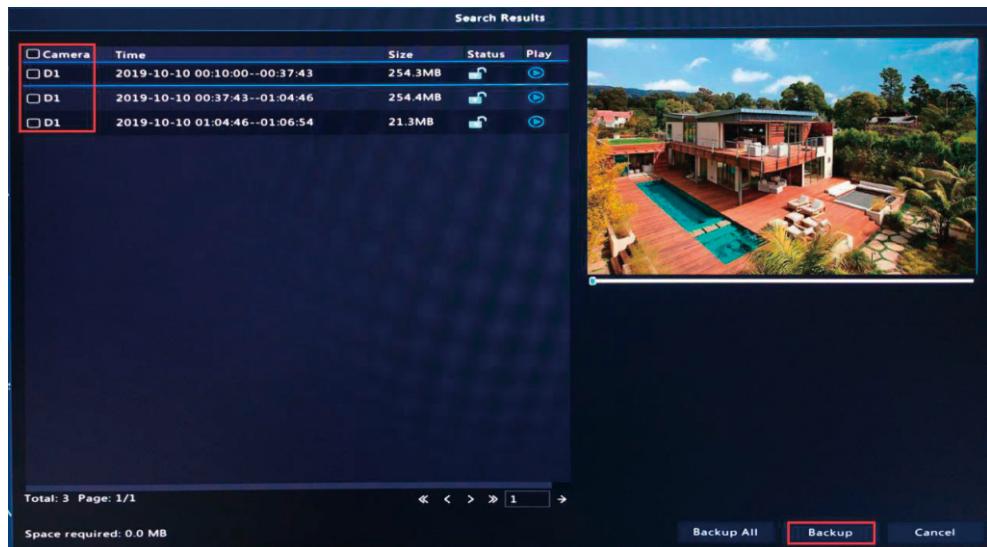
Attention: Use “VLC” player to play backup files.

a) Backup on NVR

1. Insert a USB disk into the NVR USB port. Right click mouse on NVR monitor, choose **Menu--> Backup**; select camera, date and time, then click **Search**.



2. Select recordings, click **Backup** to continue.



3. Choose USB disk, select a folder, click **Backup** to back up video.

Backup

| Partition Location | USB-sdb1 | Refresh | | |
|---|----------|---------|---------------------|--------|
| Name | Size | Type | Modify Time | Delete |
| Previous Level | | dir | 2019-10-10 01:08:33 | — |
| System Volume Information | | dir | 2019-05-23 02:13:32 | trash |
| backup | | dir | 2019-10-08 01:29:08 | trash |
| .Spotlight-V100 | | dir | 2019-06-12 09:29:52 | trash |
| .seventsd | | dir | 2019-07-21 15:01:28 | trash |
| 20190611_000000_603_201906111... 39.0MB | 39.0MB | file | 2019-06-12 09:48:36 | trash |
| \$RECYCLE.BIN | | dir | 2019-06-13 02:33:14 | trash |

Free 14460MB
Total 15250MB

New Folder Format **Backup** Cancel

b) Backup via a browser

1. Run your browser as administrator.

2. Type www.star4live.com in the browser bar.

3. Login in with your account.

Tips: If you haven't registered an account, click **Sign up**, follow the **Step-d to Step-f on page 21** to register an account and add device

4. Click on  and go to **Playback** page.

Star4Live

Device Management Channel Management Organization Management My Sharing

Device Filter: All Device Status: All Device Name: Please enter key

+ Add - Delete Refresh Change Order Export All

Online Device(s): 3 Total Device(s): 3

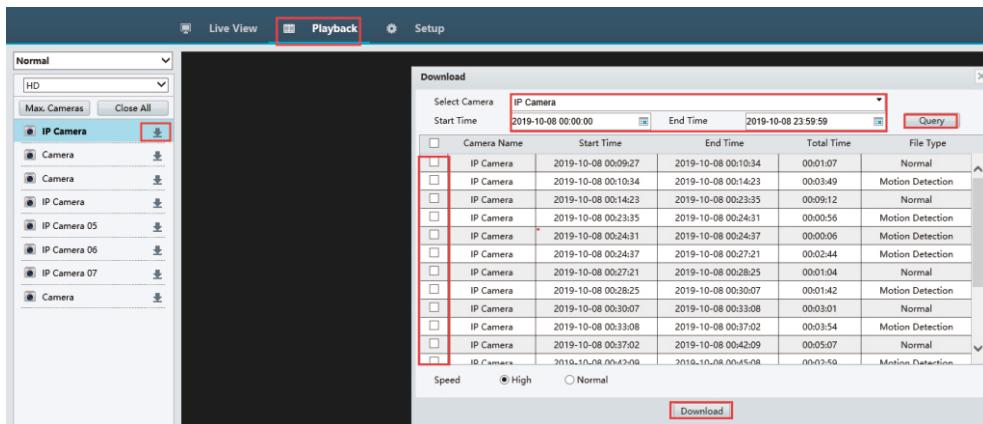
Please click [Download](#) for the latest P2P device plugin. Versions before 1.10.0001 will not be supported. To keep your current plugin version, click Control Panel > Programs and Features > Star4live_729. Please close your browser before installable state and ignore any warning about

| Device Name | Device Model | Device Type | Device Owner | Organization | Last Online Time | Status | Action |
|-------------|----------------|-------------|--------------|--------------|------------------|--------|---|
| 11ch | NVR0216-P16-V2 | NVR | My Devices | root | — | Online |  |

5. Click  behind a camera.

6. Select camera, date and time. Then click **Query**.

7. Check in the files and click **Download** to back up video.

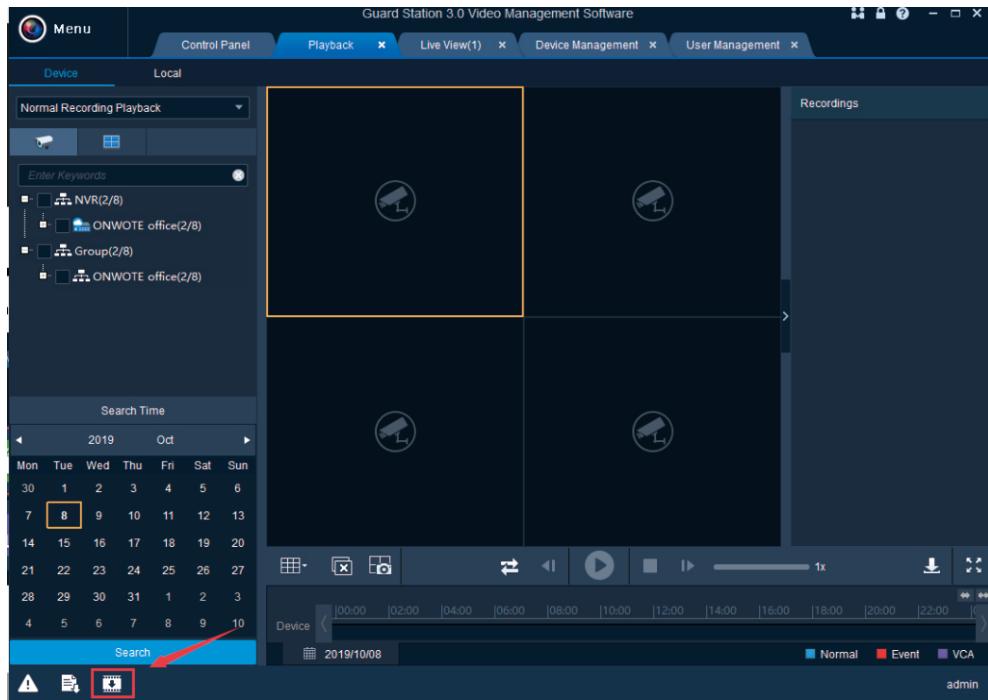


c) Backup via PC Software - Guard Station

1. Open PC client software, go to **Control Panel** and click **Playback**.

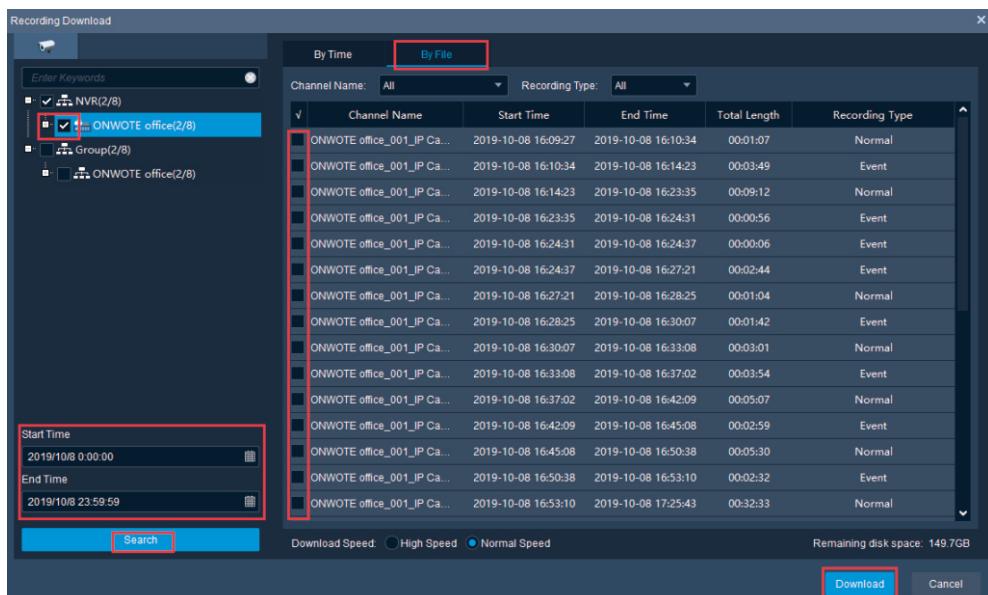


2. Click  on the lower left corner.

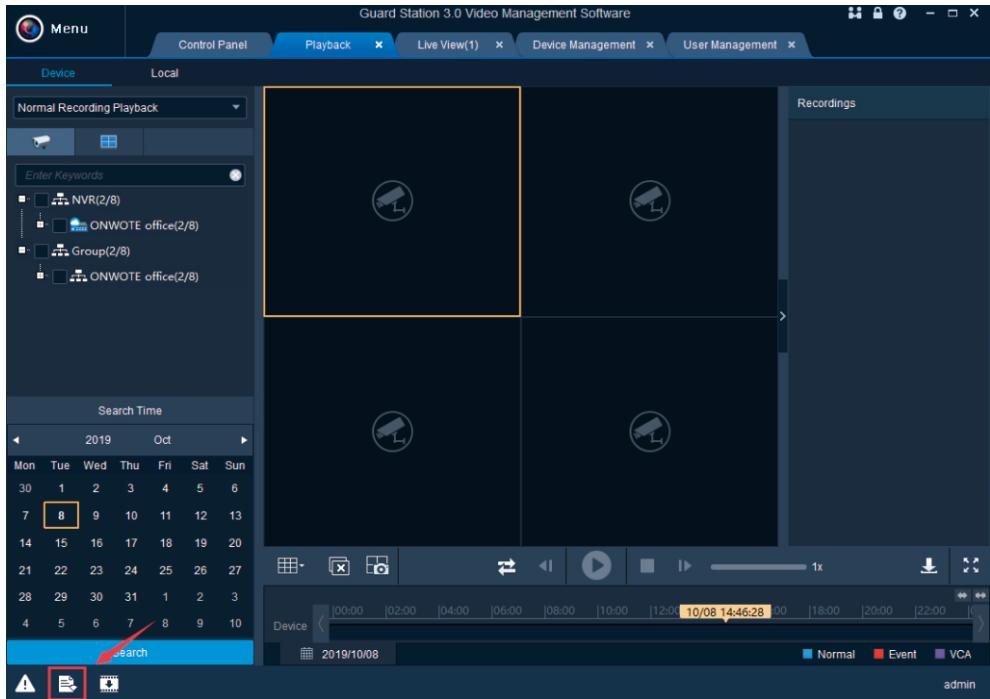


3. Click on **By File**, check in device, select time and click on **Search**.

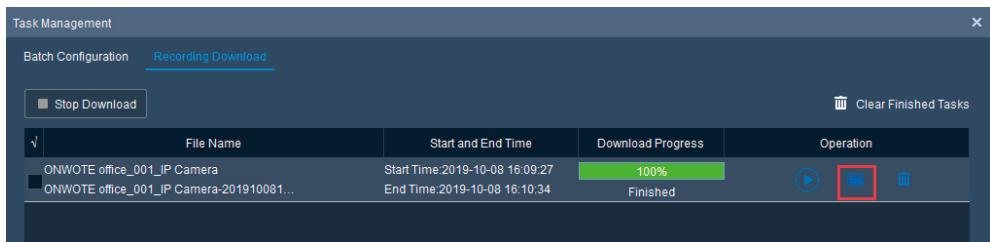
4. Select files and click **Download** to back up video.



5. Click on  on the lower left corner to check the downloading process.

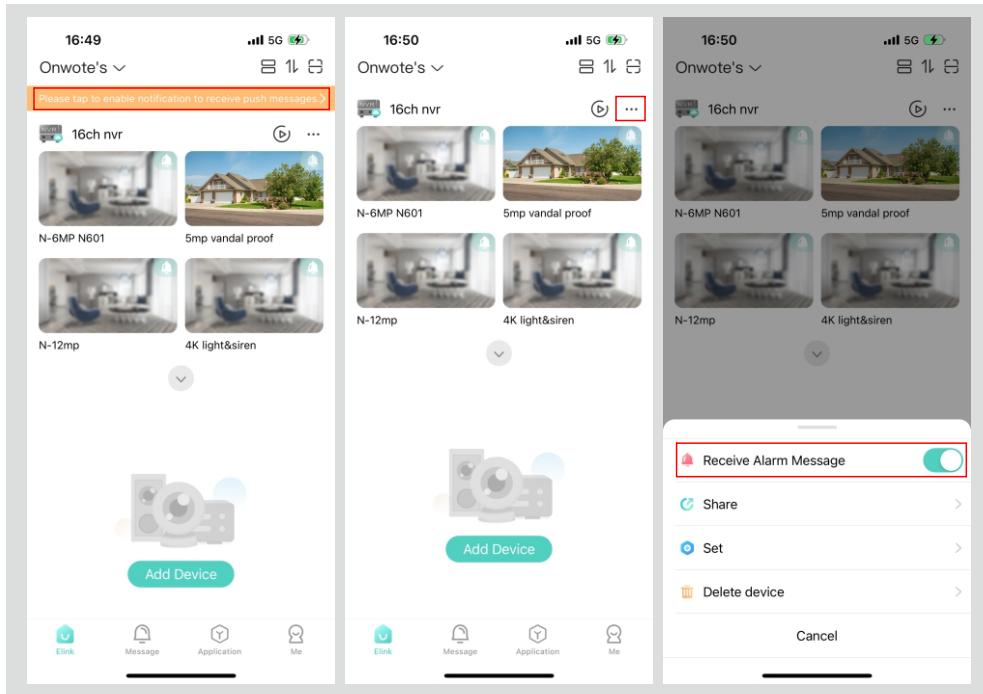


6. Click on  to open the folder and find the files you downloaded.



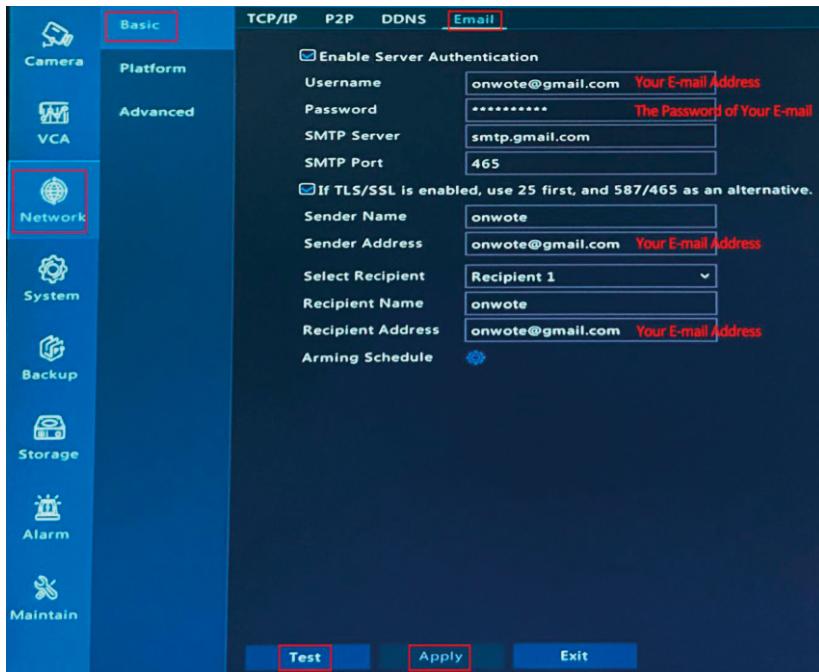
Mobile App alarm

1. Open Mobile App—Elink Defense. Tap on the yellow banner on the top, change the settings of your mobile phone to allow Elink Defense to push you alters.
2. Go back to Elink Defense, tap on , turn on **Receive Alarm Message**.



E-mail Notification

1. Right click on NVR monitor, choose **Menu-->Network-->Basic-->Email**.
2. Type in the sender and recipient information and click **Apply**.



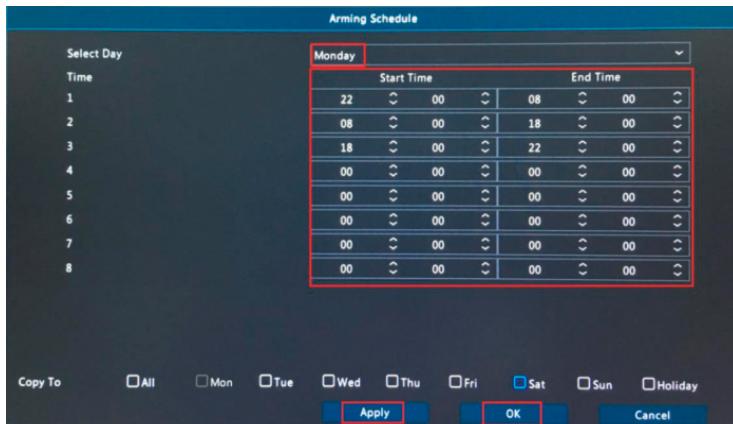
(The information on the picture above is just an example)

3. Click **Test** to verify the email settings.

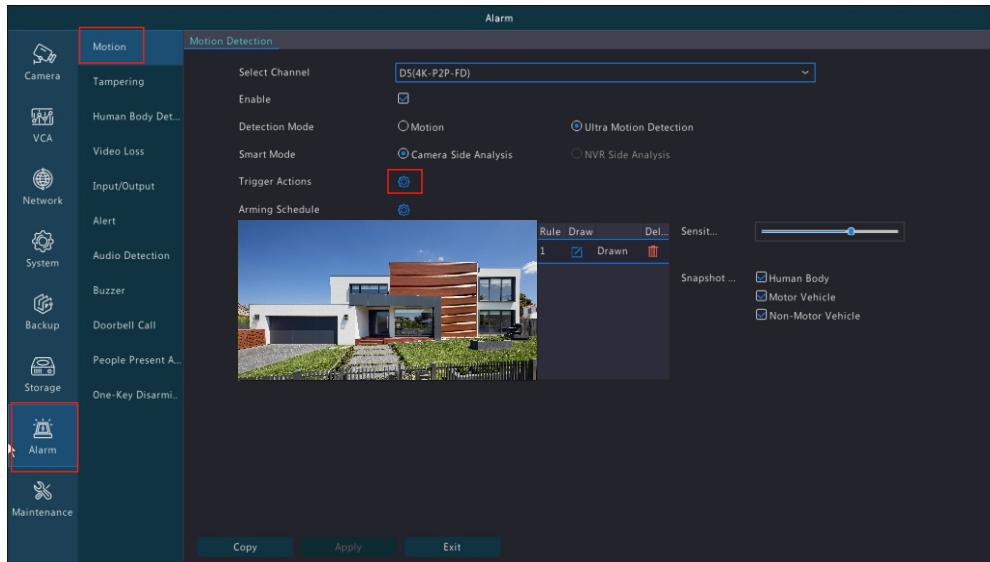
(please check with your email supplier if you have troubles in email SMTP configuration)

4. **Set Alarm Schedule for Email Alert** (default is 24*7 full time).

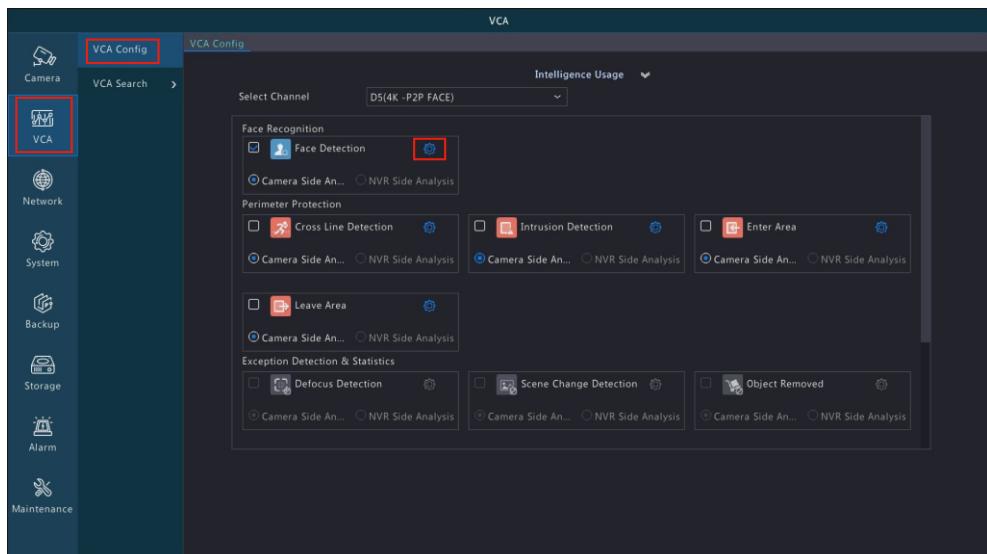
Click  behind **Arming Schedule**; select day, set time period; check in day behind **Copy To** to copy schedule to other days; click **Apply** and **OK** to save schedule.

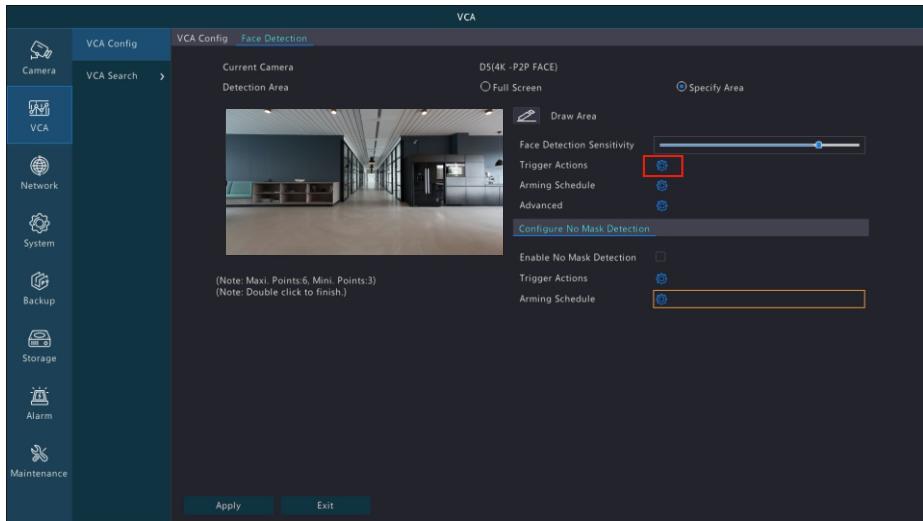


5. Click **Alarm**-->**Motion**, select camera and click  behind **Trigger Actions**.

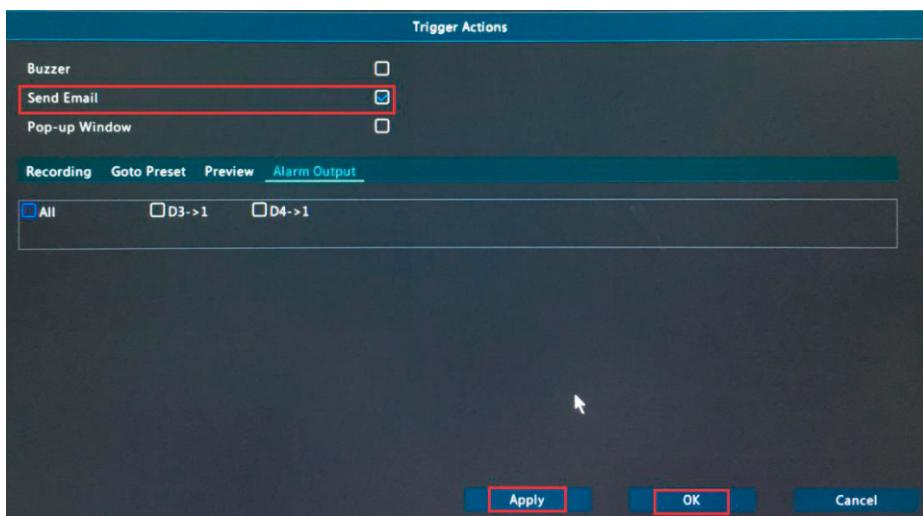


If you've enabled **AI Detection**, click **VCA**-->**VCA Config**. Click  beside the AI features you selected, click  behind **Trigger Actions**. The following description takes Face Detection as an example.





6. Check in **Send Email**, click **Apply** and **OK**.

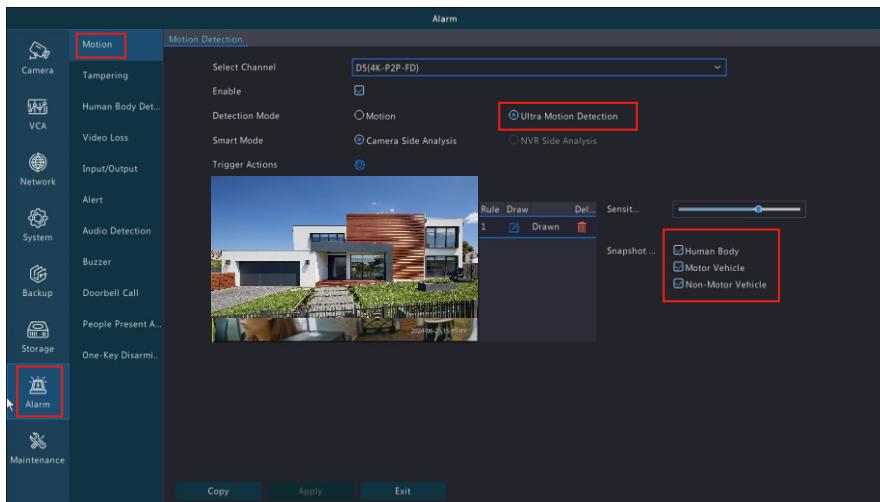


Tips: You just enabled **Send Email** for the selected camera, please select other cameras and do the same steps to enable **Send Email** for them.

Attention: Some ONWOTE camera systems do not support Ultra Motion Detection or AI/VCA Detection.

Ultra Motion Detection (Human & Vehicle Detection)

This is the default detection mode. Right click your mouse on the NVR monitor, choose **Menu-->Alarm-->Motion** to manage the settings of **Ultra Motion Detection**.



AI/VCA Detection

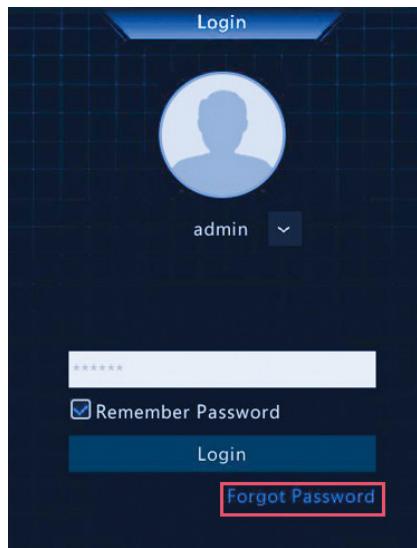
Right click your mouse on the NVR monitor, choose **Menu-->VCA-->VCA Config**. Select the AI function you need, click  beside the selected AI feature to change the detailed settings.

Attention: You can only use one AI feature at a time. AI function cannot work with Ultra Motion Detection (Human & Vehicle detection) either. If you enabled AI function, Ultra Motion Detection will be turned off.

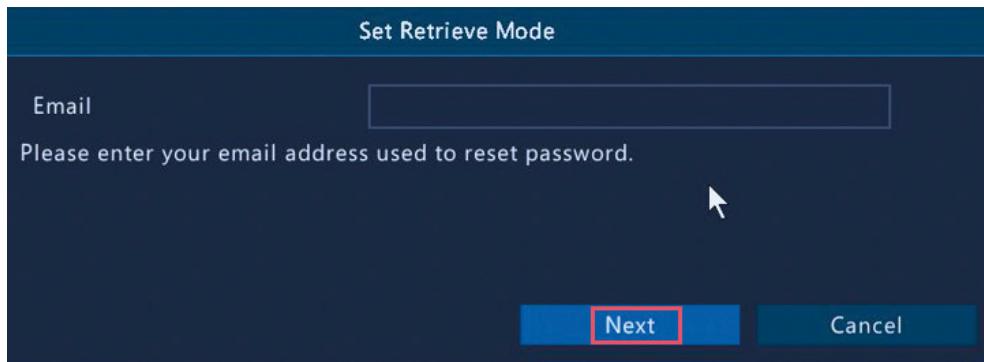
For more guide of VCA/AI Detection setup, please refer to www.onwote.com,

Support-->Download -->Manual -->NVR30 Series.

1. Click **Forgot Password**



2. Enter an E-mail address and click on **Next**.



3. You will get a picture with QR code like below.

Retrieve Password

Serial No.

Email

sup****@onwote.com

Security Code



Please scan the QR code to obtain the security code:

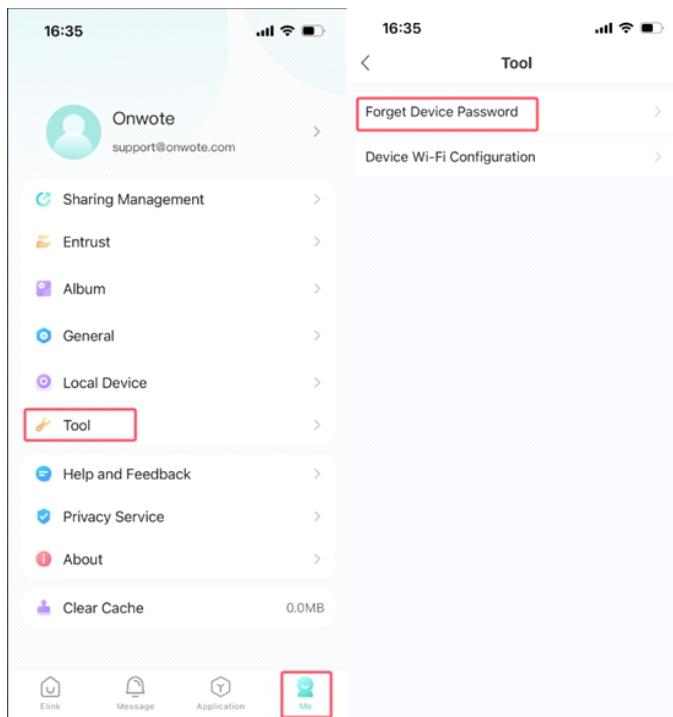
APP: Me > Tool > Forget Device Password or Local Con...

For admin only.

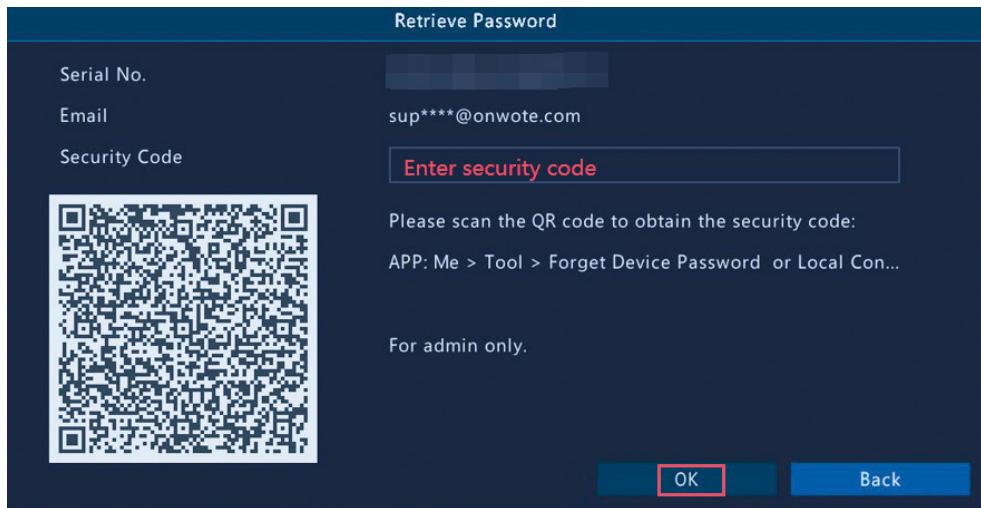
OK

Back

4. Open mobile App **Elink Defense** on your phone, tap **Me** on the bottom, choose **Tool-->Forgot Device Password**. Scan the QR code on the reset page to get a security code.



5. Check the security code in your E-mail inbox (if you cannot find it in Inbox, please check Spam folder or Trash). Type in the code on the monitor, click on **OK** to reset the password.



**SMART SECURITY
STRONG PROTECTION**