



INSTRUCTION MANUAL
50MM-KB003, 50MM-KD003
and 50MM-KDB01

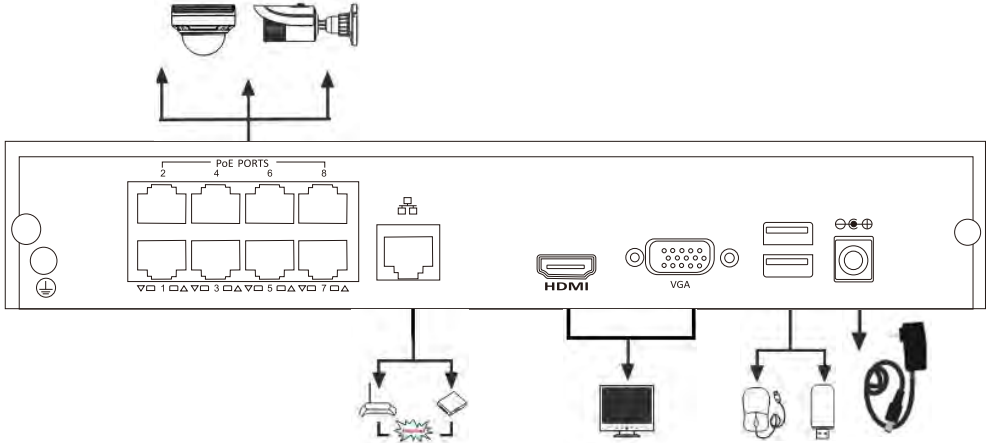
Content

1. NVR Connection Diagram	2
2. Wizard Setup	2
How to Play Audio	5
Name Your Cameras	5
3. Access System Using Mobile Device	6
4. Access System Using PC Client Software	10
5. Access System Using Internet Explorer	18
6. Recording Setup	20
Normal Recording	20
Motion Recording	21
Set Motion Area	22
Scheduled Recording	22
7. Video Playback	23
8. Video Backup	26
9. Mobile App & E-mail Notification	31
10. Intelligent Smart VCA functions	36
11. Reset Password	40

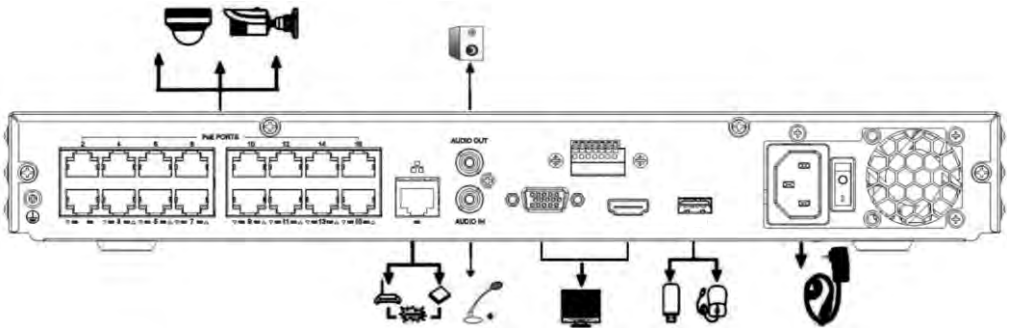
1

NVR Connection Diagram

8 Channel NVR back panel:



16 Channel NVR back panel:



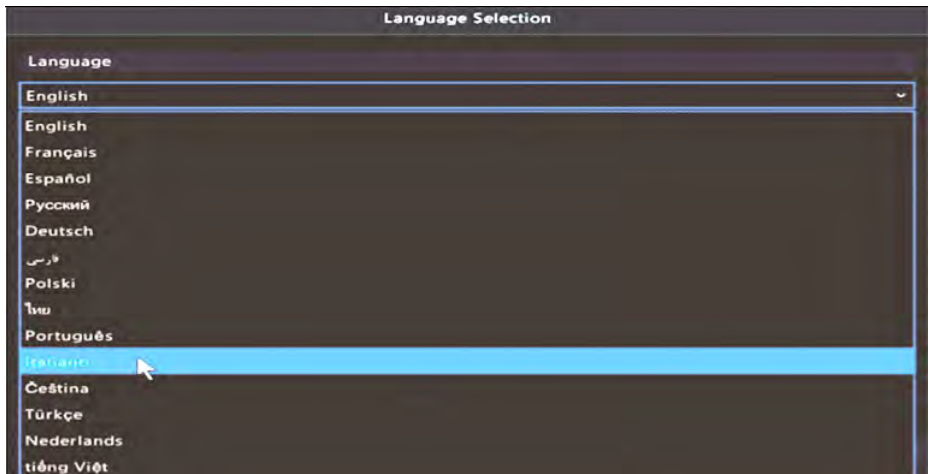
2

Wizard Setup

The configuration wizard will pop up after start-up, please follow the steps below to finish configurations.

Wizard Setup

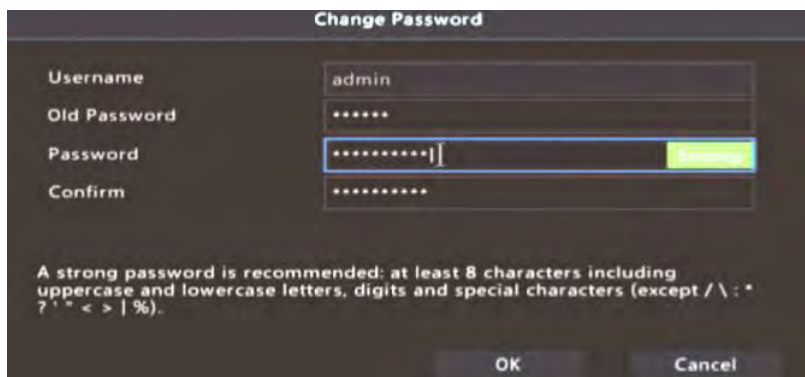
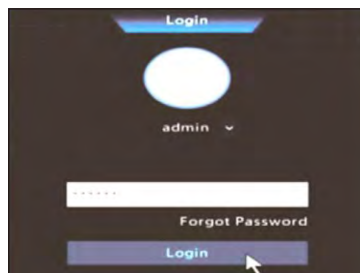
1. Select language



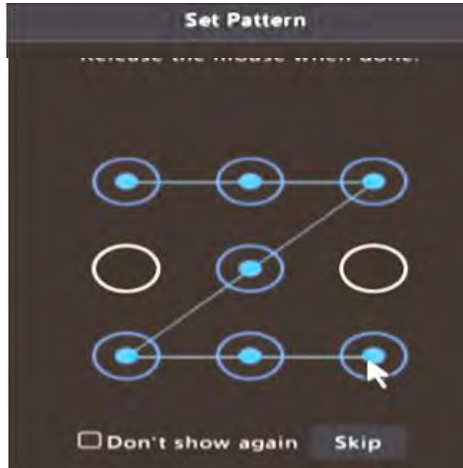
2. Login system with default account (User name: **admin** Password: **123456**)

To prevent your system from being hacked, please set up a password for system for the first time.

Tips: Write down your password on a notebook in case you forget it!



3. Set a Pattern to unlock your system (you can **skip** if you don't need pattern!)



(you can skip if you don't need pattern)


4. Click **Next** to setup time zone

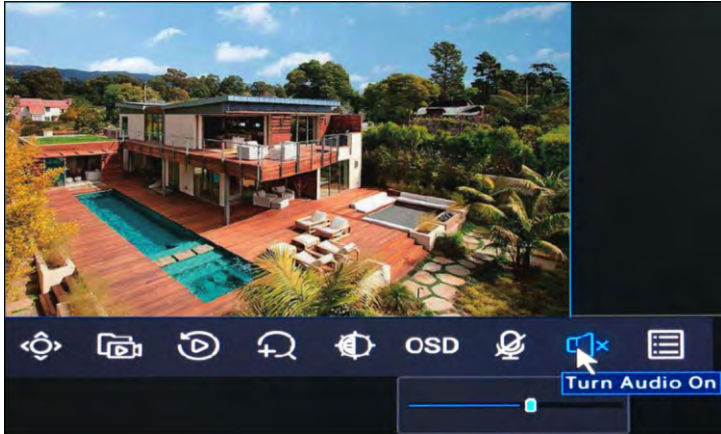


5. TCP/IP setup (network configuration). Please check in **Enable DHCP**



How to Play Audio?

Please click on the channel to select the camera, then click the speaker icon  to play audio.



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 cameras do not support audio.*

Name Your Cameras

Please click on the channel to select the camera, then click the OSD to edit camera name.



Please make sure you've connected your NVR to the router directly with an Ethernet cable.

1. Download “**Guard Viewer**” on your mobile phone from Apple App Store or Google play; You can also scan the QR code below to download the mobile app.



Guard Viewer



For iPhone

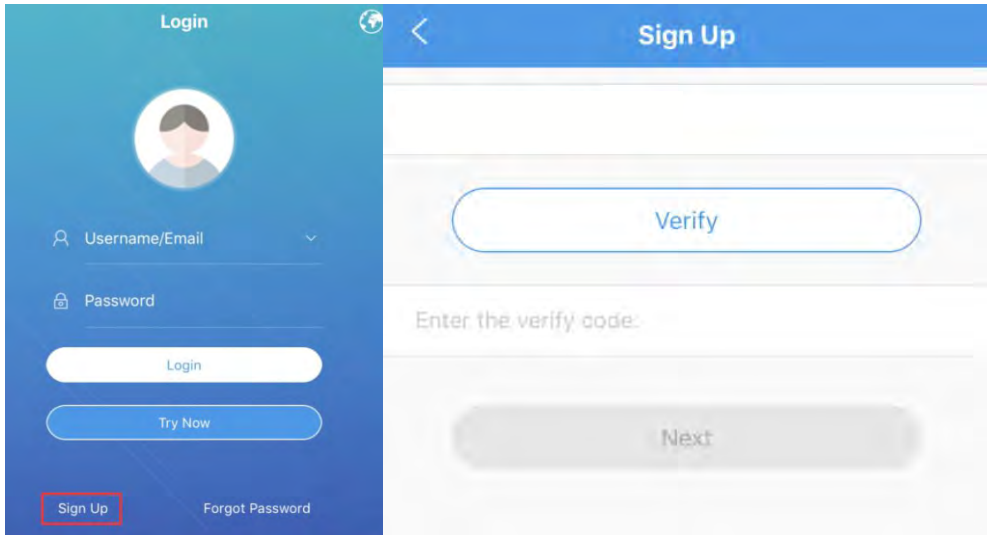


For Android

2. Go back to the monitor which is connected with your NVR Box. Please right click your mouse on the monitor and choose **Main menu**→ **Network**→ **Basic**→ **P2P**, make sure **Enable P2P** and **Add Without Signup** are checked in.




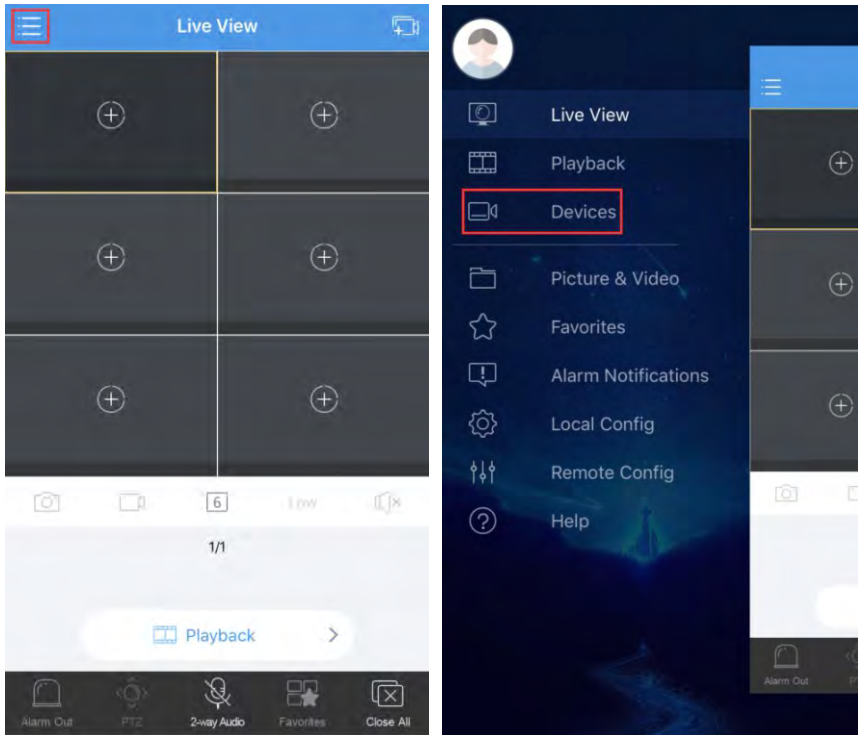
3. Open **Guard Viewer** and click **Sign up** to register an account.
4. Type in your E-mail address and click **Verify**. Then type in the verify code you received in your email and click **Next**.



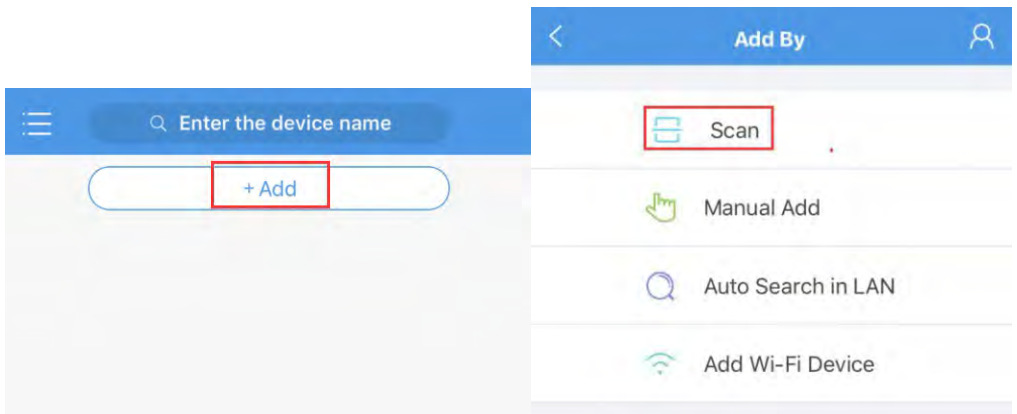
5. Set a password for your account and check in **I have read and agree to** <<Service Agreement>>. Click **Sign Up** to register account.



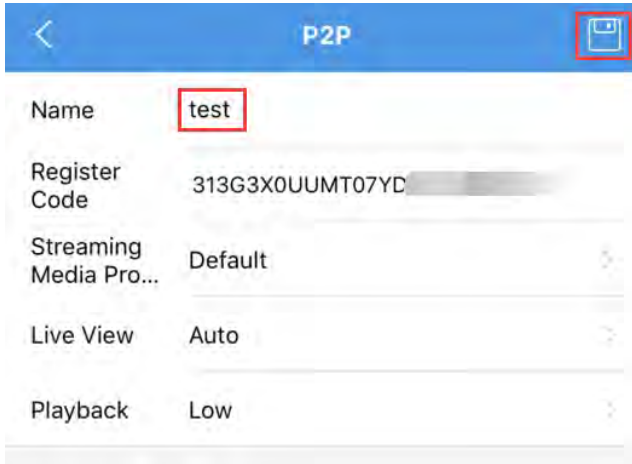
6. Click  on the top left and choose **Devices**




7. Click **+Add** and **Scan** to scan the QR code on the monitor which is connected with your NVR system (Please right click your mouse on the monitor and choose **Main menu** → **Network** → **Basic** → **P2P** to get the QR code).

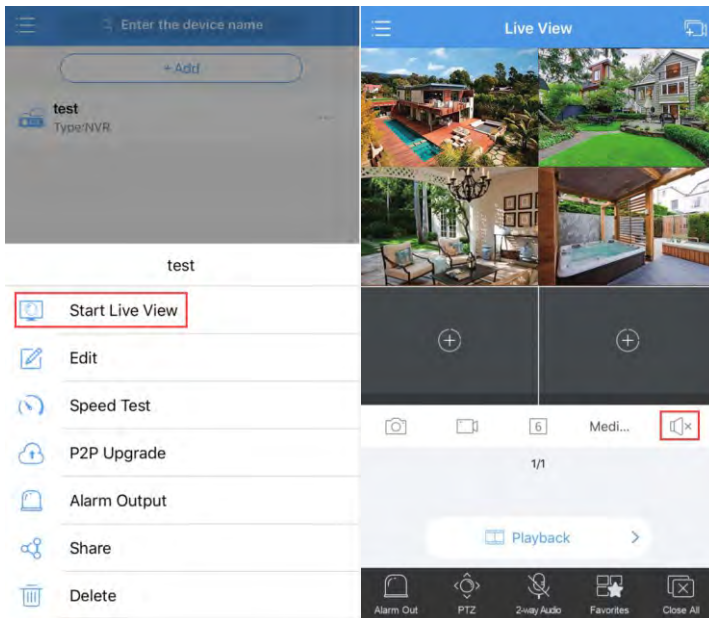


8. Type in a name of your device and click  on the top right corner to save the device.



9. Wait for about 1 minute, then click on your device and choose **Start Live View** to view live video.

10. Select one camera and click  to enable audio



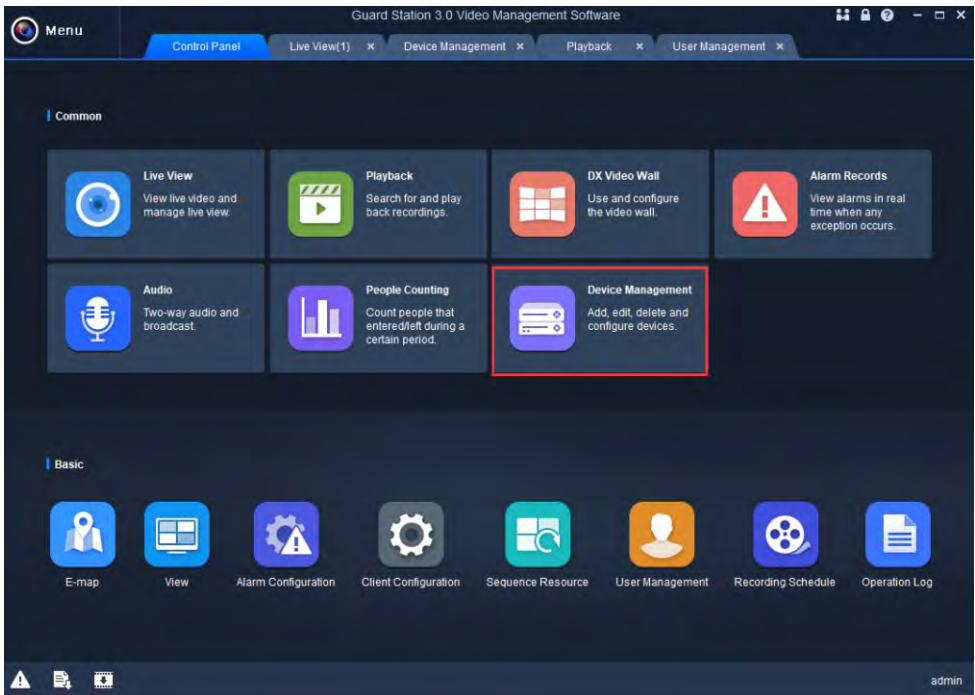
11. Click **Playback** on the bottom of the page to playback video

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

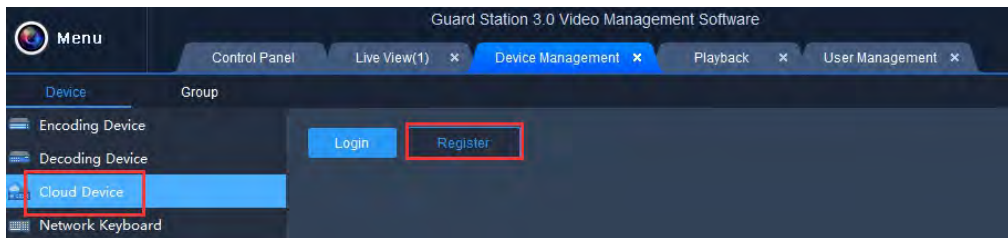
Add Device

Windows PC: Add Cloud Device

a. Launch Guard Station, go to **Control Panel**. Click **Device Management** to add device



b. Click **Cloud Device** and **Register** to register a cloud account (*If you've already registered an account on your mobile app **Guard Viewer**, please login with the account directly*).



c. Type in user name, password, email address and the verification code and click Sign up to sign up an account.

New User Sign Up

*Username: Set a user name for your account

*Password: Set a password for your account

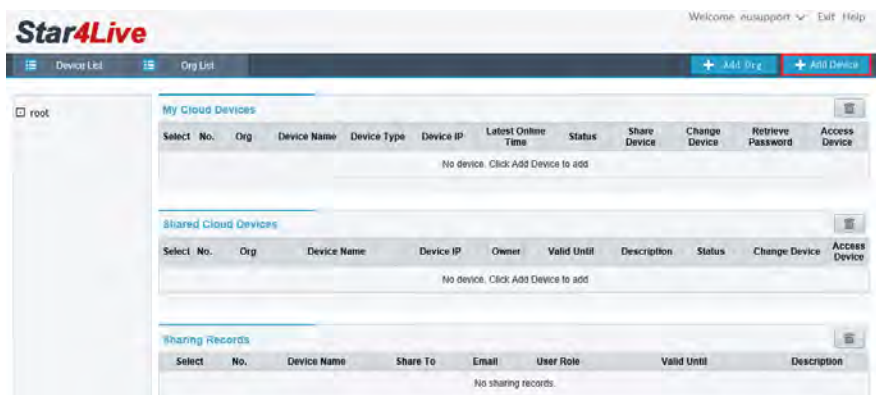
*Confirm: Repeat the password

*Email: Acquire Type in your E-mail address and click Acquire to get a code

*Verification Code: Input the verification code you received

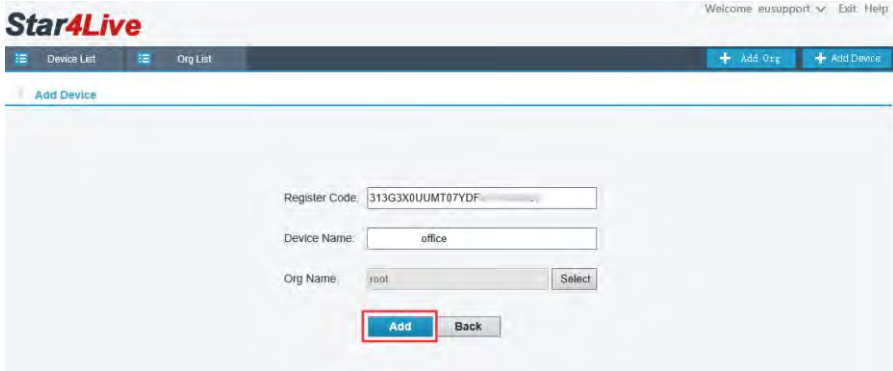
I agree Service Agreement
 I agree to receive service information

d. Click +Add Device to add device



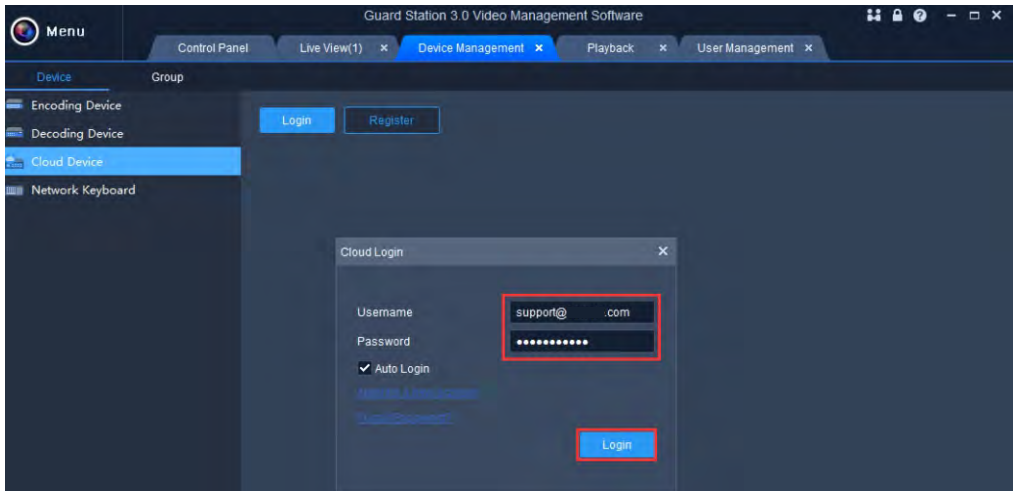
e. Input the **Register Code** and set a name for your device. Click **Add** to add device.

*(How to get Register Code? - please right click on the monitor which is connected with your NVR system and choose **Menu-> Network-> Basic-> P2P** to get the register code)*



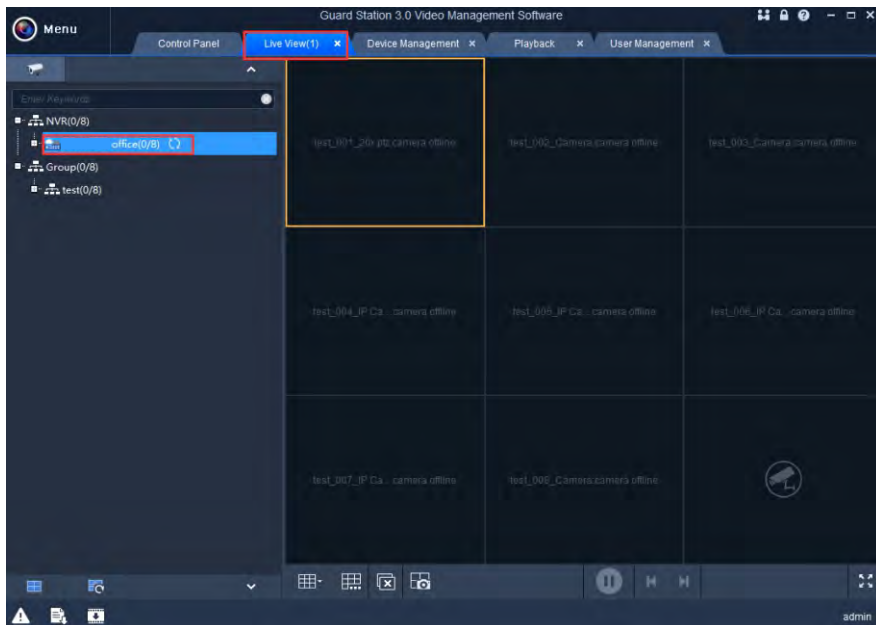
The screenshot shows the 'Star4Live' web interface. At the top, there is a navigation bar with 'Device List' and 'Org List' tabs, and buttons for '+ Add Org' and '+ Add Device'. Below this is the 'Add Device' form. It contains three input fields: 'Register Code' with the value '313G3X0UUMT07YDF', 'Device Name' with the value 'office', and 'Org Name' with the value 'root' and a 'Select' button. At the bottom of the form are two buttons: 'Add' (highlighted with a red box) and 'Back'.


f. Go back to your PC client software **Guard Station** and login with the account you registered.

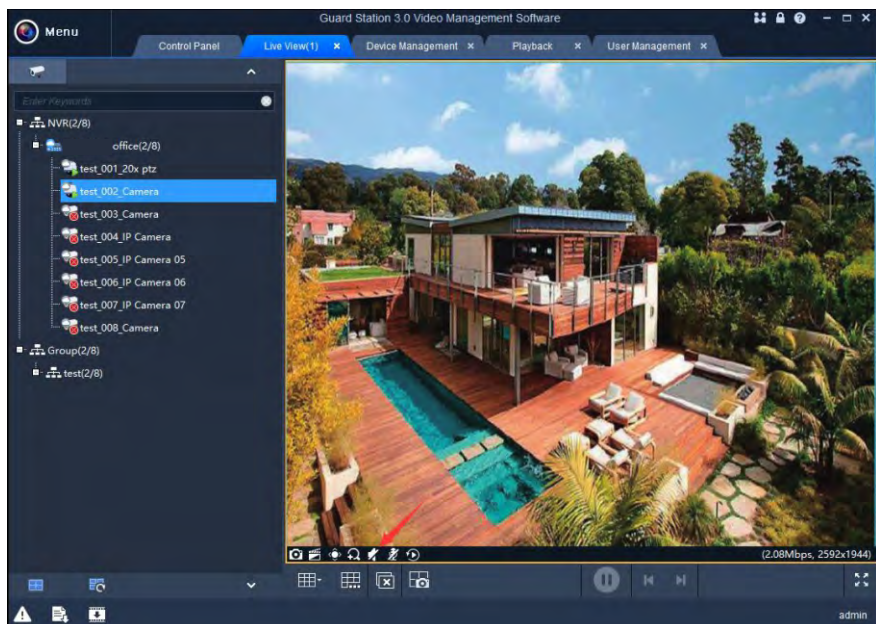


The screenshot shows the 'Guard Station 3.0 Video Management Software' interface. The 'Device Management' tab is active. A 'Cloud Login' dialog box is open, showing a 'Username' field with the value 'support@ .com' (highlighted with a red box) and a 'Password' field with masked characters (also highlighted with a red box). There is a checked 'Auto Login' checkbox and a 'Login' button (highlighted with a red box) at the bottom right of the dialog box.

g. Go to Live Preview page and double click the device to view video



For audio cameras, please move mouse to the channel, an icon bar will show up, then click the speaker icon  to play audio.



MAC PC: Manually add via serial number

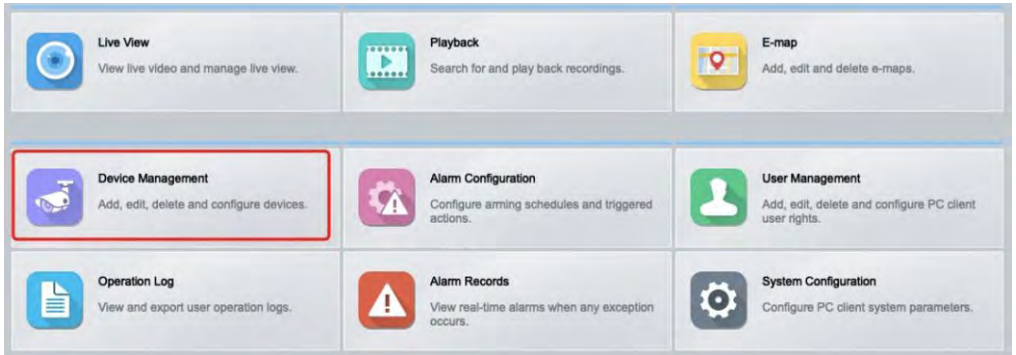
a. Launch Guard Station, login with default account. (User name: **admin** Password: **123456**)



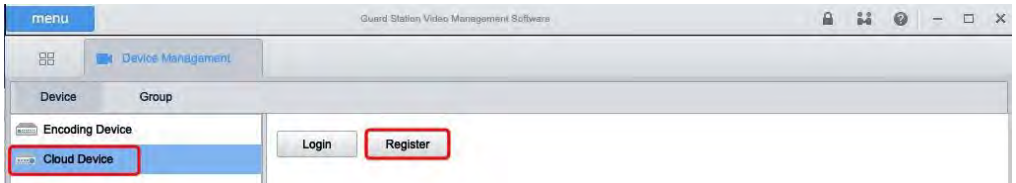
The image shows the Guard Station login window. At the top, there is a logo consisting of a globe and the text "Guard Station". Below the logo, there is a login form with the following fields and options:

- Username:
- Password:
- Save Password
- Buttons: Login, Cancel

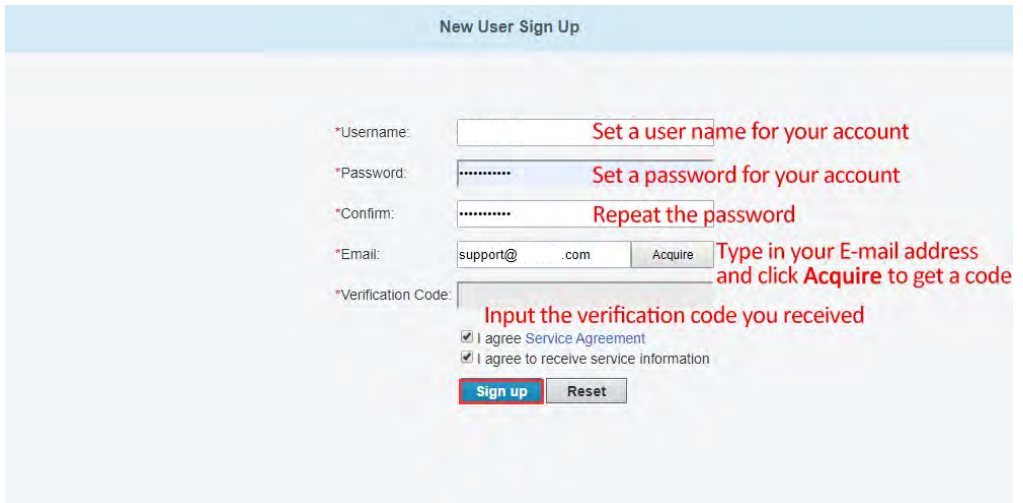
b. Click **Device Management** to add device



c. Click **Cloud Device** and **Register** to register a cloud account (*If you've already registered an account on your mobile app **Guard Viewer**, please login with the account directly*).



d. Type in user name, password, email address and the verification code and click Sign up to sign up an account.

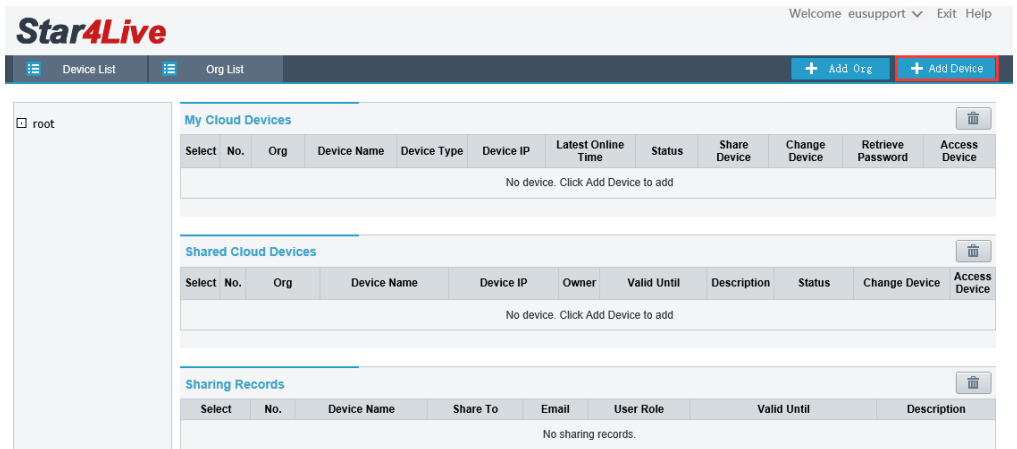


The image shows a 'New User Sign Up' form with the following fields and annotations:

- *Username:** [Text input] *Set a user name for your account*
- *Password:** [Password input] *Set a password for your account*
- *Confirm:** [Password input] *Repeat the password*
- *Email:** [Text input with 'Acquire' button] *Type in your E-mail address and click Acquire to get a code*
- *Verification Code:** [Text input] *Input the verification code you received*

Below the fields are two checkboxes: I agree Service Agreement and I agree to receive service information. At the bottom are 'Sign up' and 'Reset' buttons.

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



The image shows the Star4Live dashboard with the following elements:

- Header: Star4Live logo, Welcome eusupport, Exit, Help
- Navigation: Device List, Org List, + Add Org, **+ Add Device** (highlighted with a red box)
- Left sidebar: root
- Main content area:
 - My Cloud Devices:** Table with columns: Select, No., Org, Device Name, Device Type, Device IP, Latest Online Time, Status, Share Device, Change Device, Retrieve Password, Access Device. Below the table: No device. Click Add Device to add
 - Shared Cloud Devices:** Table with columns: Select, No., Org, Device Name, Device IP, Owner, Valid Until, Description, Status, Change Device, Access Device. Below the table: No device. Click Add Device to add
 - Sharing Records:** Table with columns: Select, No., Device Name, Share To, Email, User Role, Valid Until, Description. Below the table: No sharing records.

f. Input the Register Code and set a name for your device. Click **Add** to add device.

*(How to get Register Code? - please right click on the monitor which is connected with your NVR system and choose **Menu-> Network-> Basic-> P2P** to get the register code)*

Device List Org List + Add Dcrg + Add Device

Add Device

Register Code: 313G3X0UUMT07YDF

Device Name: office

Org Name: root Select

Add Back

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

Cloud Login

Username: support@ .com

Password: *****

Auto Login **Login**

[Apply for a new account](#) [Forgot Password?](#)

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

Guard Station Video Management Software

menu

- Lock
- Switch User
- Control Panel
- Live View**
- Playback
- E-map
- Device Management
- Alarm Configuration
- User Management
- Operation Log
- Alarm Records
- System Configuration
- User Manual
- About Guard Station
- Language ▸
- Exit

Cloud Account: support@ .com Refresh Switch Account Exit

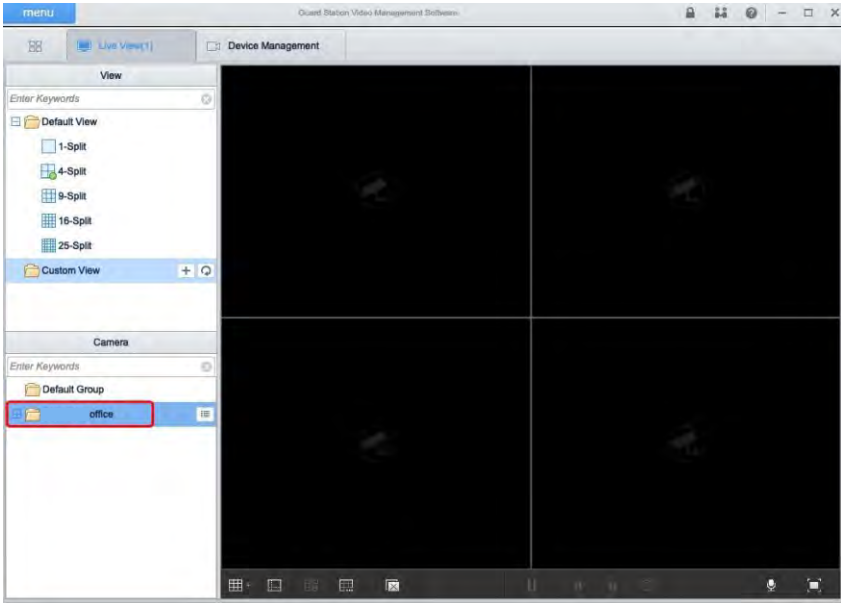
My Cloud Device(1) Add Edit Delete Share Sharing Records Enter Keywords


Cloud Name	Local Name	Model	Device Configuratio	IP Address	Statu
office	office	NVR		113.249.196.245	Online

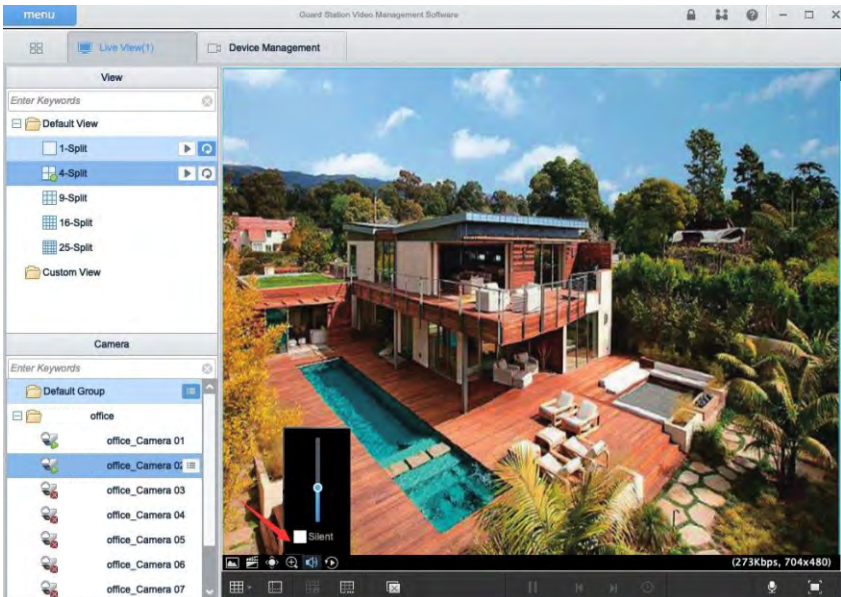
Shared Cloud Device(0) Edit Cancel Sharing Enter Keywords

Device Name	Model	Device Configuratio	IP Address	Status	Owner	Val
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i. Double click your device to view live video



For audio cameras, please move mouse to the channel, an icon bar will show up, then click the speaker icon  and **uncheck Silent to play audio.**



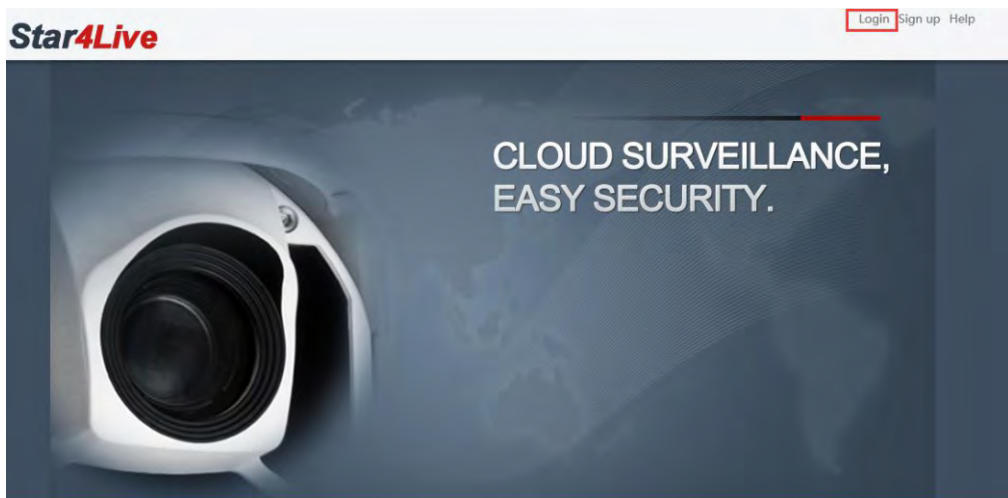
5

Access System Using Internet Explorer

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



2. Type in www.star4live.com in your IE browser bar;
3. Login with the account you registered on mobile app **Guard Viewer** or PC client software Guard Station. (If you didn't register an account before, please click **Sign up** and follow the **Step-c to Step-e** on **page 11** to register an account and add device)



Log In

Username/Email:

Password:

[Forgot password?](#)

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

Please click [\[Download \]](#) for the latest P2P service plug-in. Versions before 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 and ignore anti-virus alerts.

Select	No.	Org	Device Name	Device Type	Device IP	Latest Online Time	Status	Share Device	Change Device	Retrieve Password	Access Device
<input type="checkbox"/>	1	root	office	NVR	113.249.193.1	9/27/2019 5:15:13 PM	Online(NAT)	Share	Change	Retrieve	Access

5. Go back to www.star4live.com and login again. Click **Access** to go to the live view page.

Select	No.	Org	Device Name	Device Type	Device IP	Latest Online Time	Status	Share Device	Change Device	Retrieve Password	Access Device
<input type="checkbox"/>	1	root	office	NVR	113.249.193.1	9/27/2019 5:23:19 PM	Online (NAT)	Share	Change	Retrieve	Access

6. Download another web plugin and refresh the page.

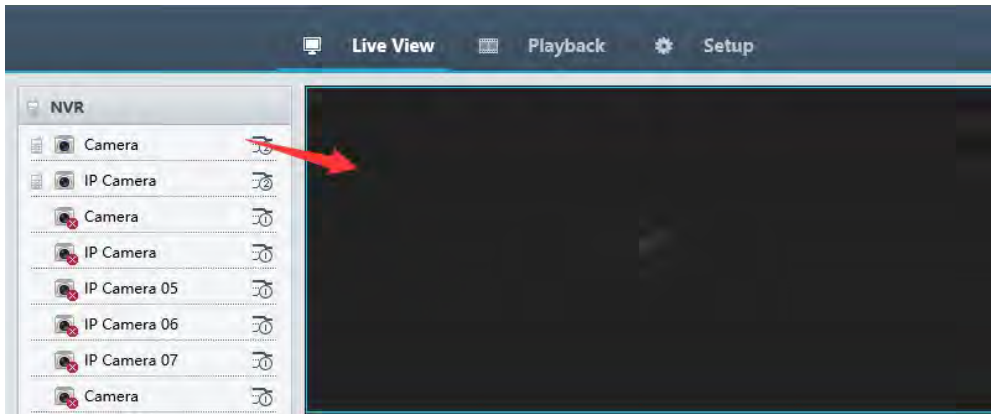
Live View | Playback | Setup

NVR

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

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

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



6

Recording Setup

please right click your mouse on the monitor which is connected with your NVR system and choose **Menu-> Storage-> Recording** to set up recording

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

This is the default record mode. The system will record continuously. When you check the recording in playback page, it will mark the motion recordings in orange. In this mode you won't miss any moment.

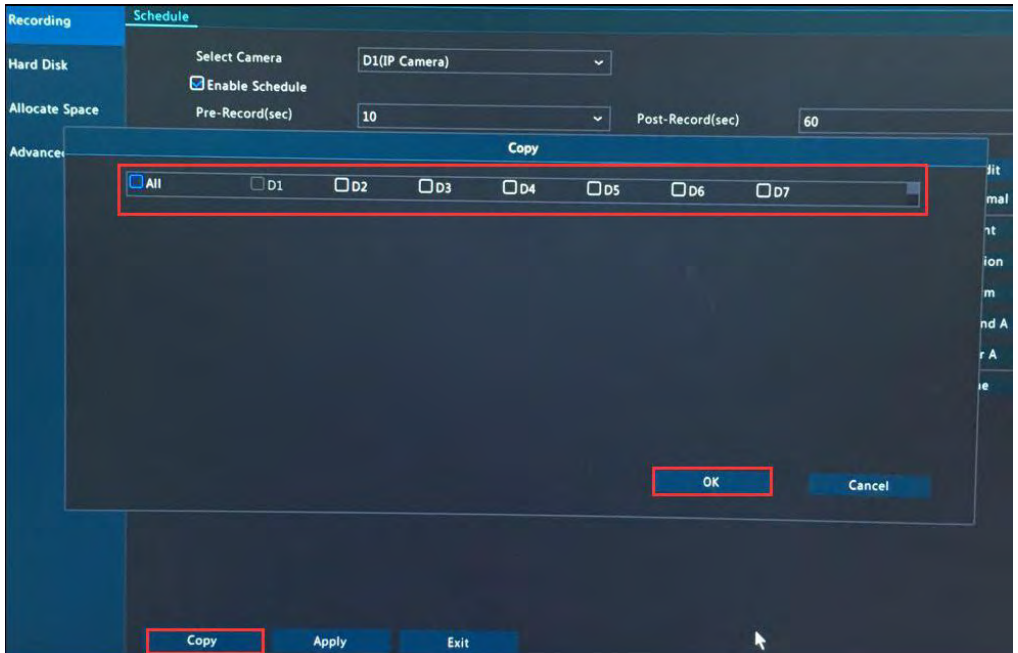


b) Motion Recording

1. Click Motion on the right side, then press the left button of your mouse and drag your mouse to select time period.

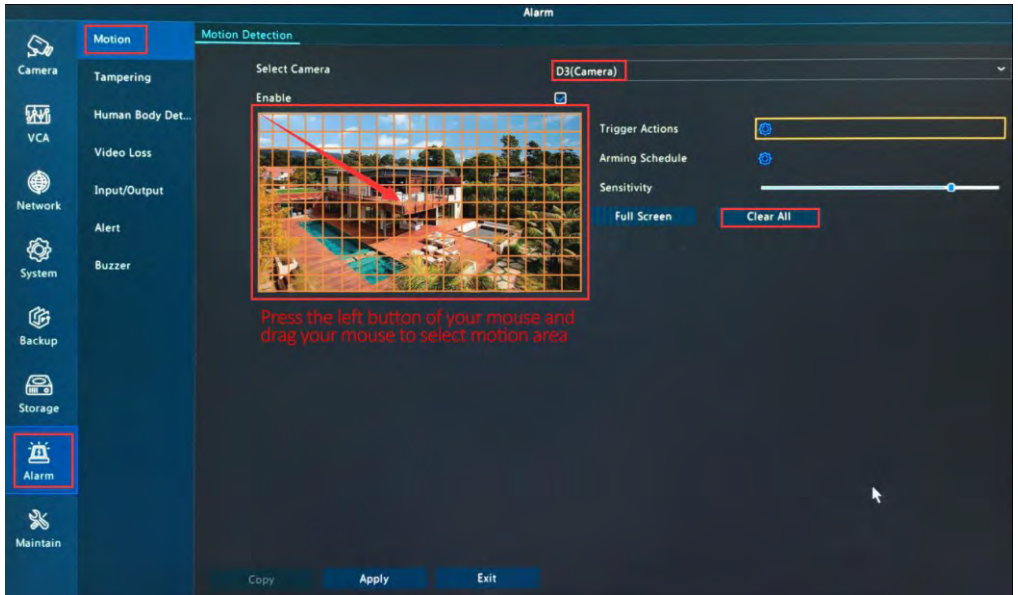


2. Click **Copy** on the lower left and choose **All** and **OK** to copy settings to all the channels.



Set Motion Area

1. Please right click your mouse on the monitor and choose **Main Menu**→ **Alarm**→ **Motion**.
2. Select a camera and click **Clear All**, then press the left button of your mouse and drag your mouse on the image to select motion area.



3. Click **Apply** to save changes.

c) Scheduled Recording


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

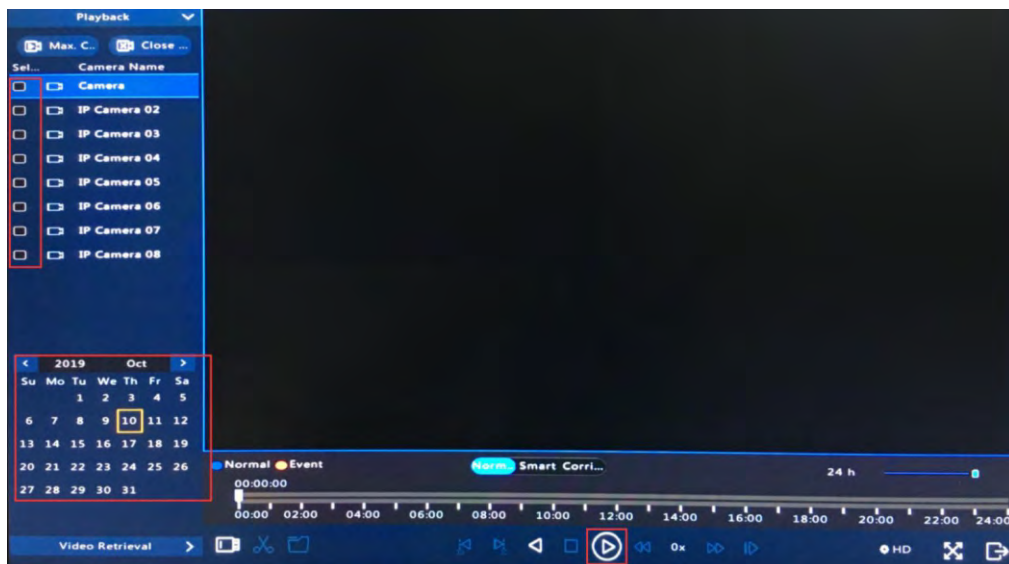


7


Video Playback

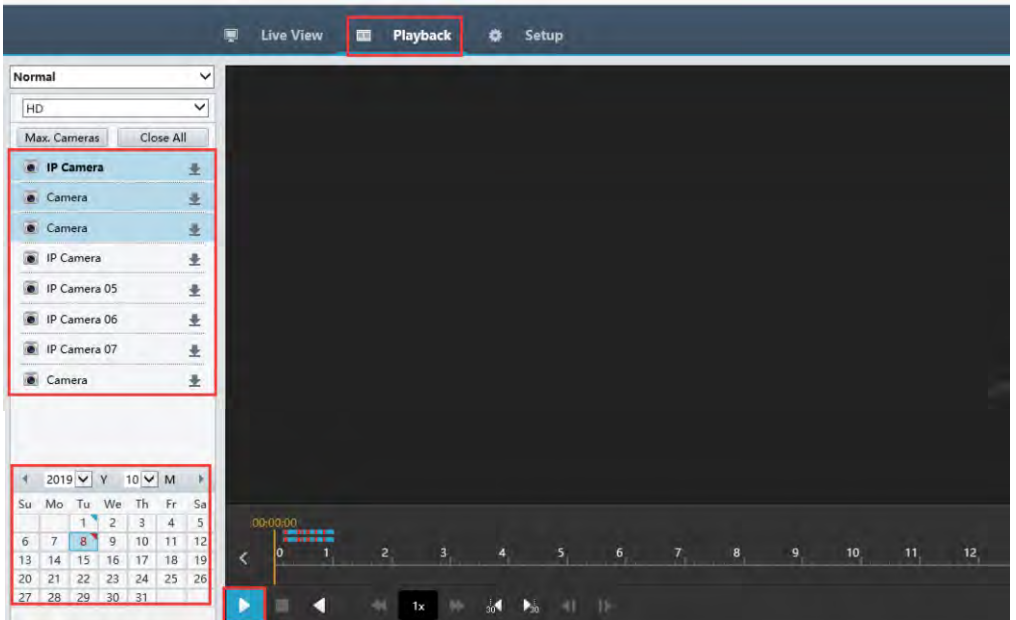
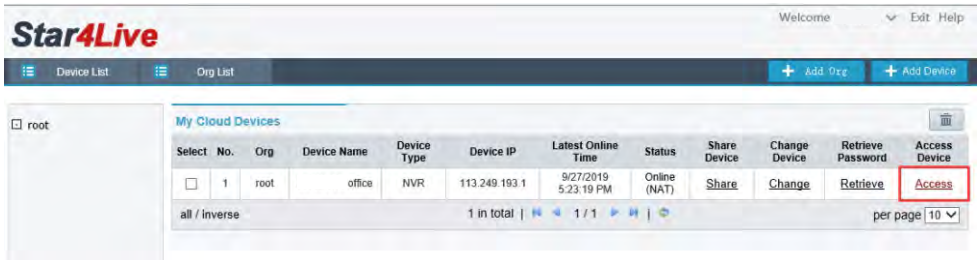
a) Playback on NVR

1. Right click your mouse on the monitor and choose **Playback**
2. Select camera and date on the left side.
3. Click the play icon  to playback.



b) Playback via IE browser

1. Type in www.star4live.com in your IE browser bar and login with your account (If you didn't register an account before, please click **Sign up** and follow the **Step-c to Step-e** on **page 11** to register an account and add device).
2. Click on **Access** and go to **Playback** page, then select camera and date on the left side, click play icon  to playback.



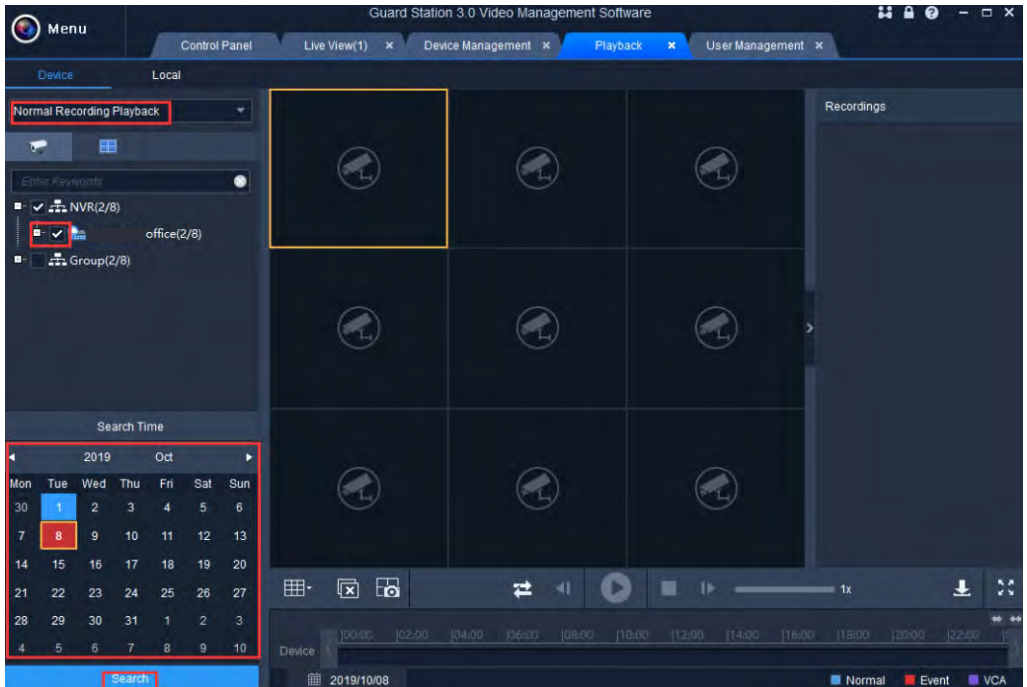
c) Playback via PC client software Guard Station

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



2. Select Recording Playback mode (*default is Normal Recording Playback*).

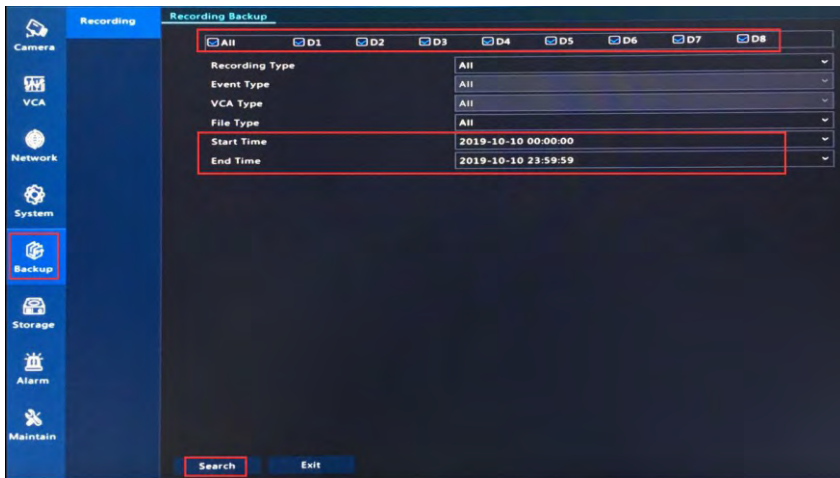
3. Check in your device and select date, click **Search** to playback.



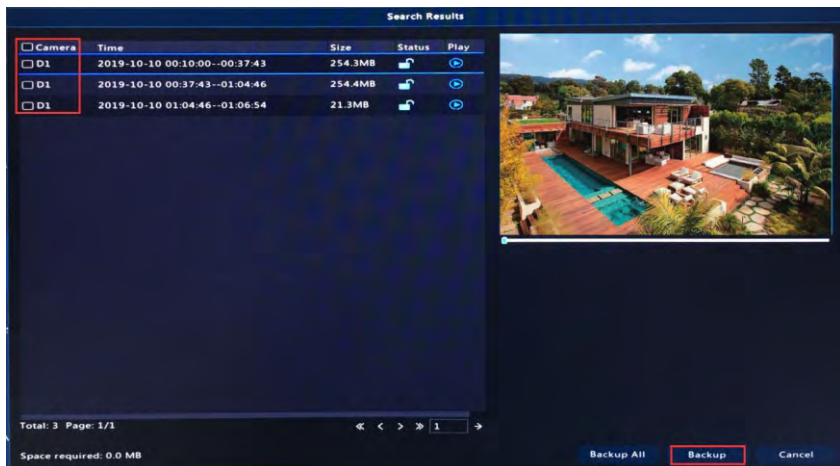
Attention: Please use **“PotPlayer”** for windows PC and **“VLC”** for MAC to play the video you back up from the NVR system.

a) Backup on NVR

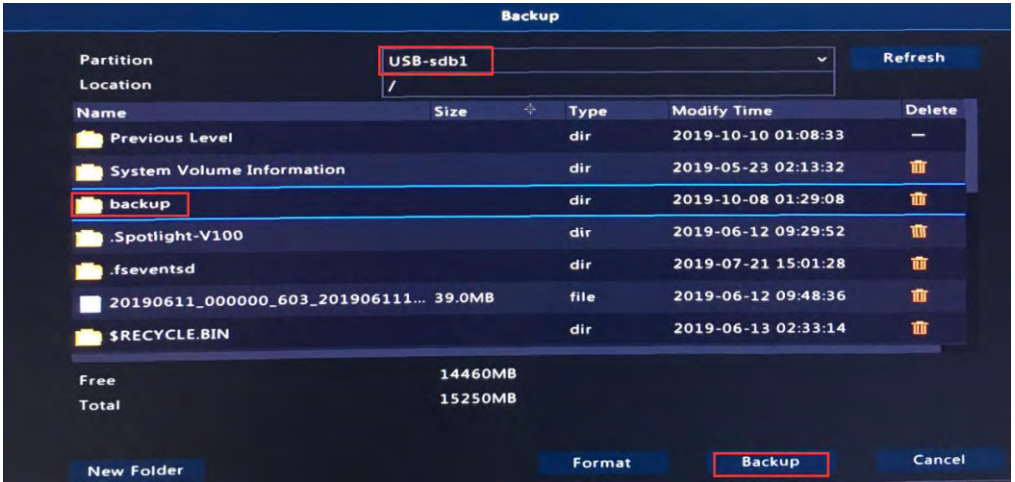
1. Insert a USB disk into the NVR USB port. Right click your mouse on the monitor and choose Main Menu-> **Backup**; Select camera, date and time, then click **Search**.



2. Then a window will pop up, click **Backup** to continue.



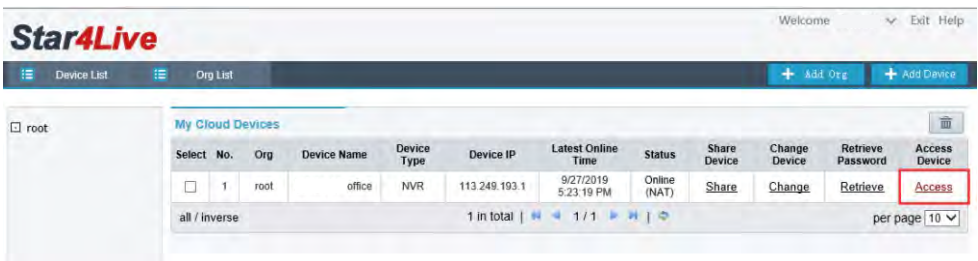
3. Choose USB disk, select a folder and click **Backup** to back up video.




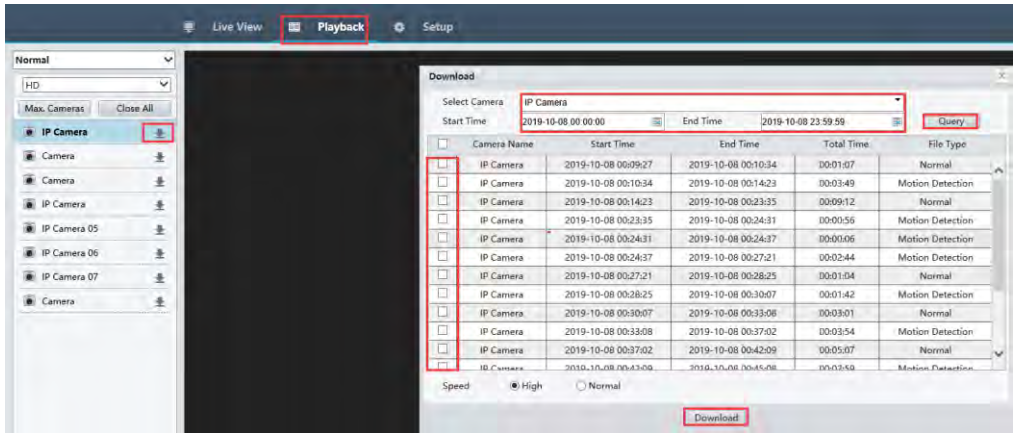
b) Backup via IE browser

1. Run Internet Explorer as administrator, type in www.star4live.com in your IE browser bar and login with your account (If you didn't register an account before, please click **Sign up** and follow the **Step-c** to **Step-e** on **page 11** to register an account and add device).

2. Click on **Access** and go to **Playback** page.



3. Click download icon  behind the camera and select camera, date and time. Then click **Query**. Check in the files you want to back up and click **Download** to back up video.

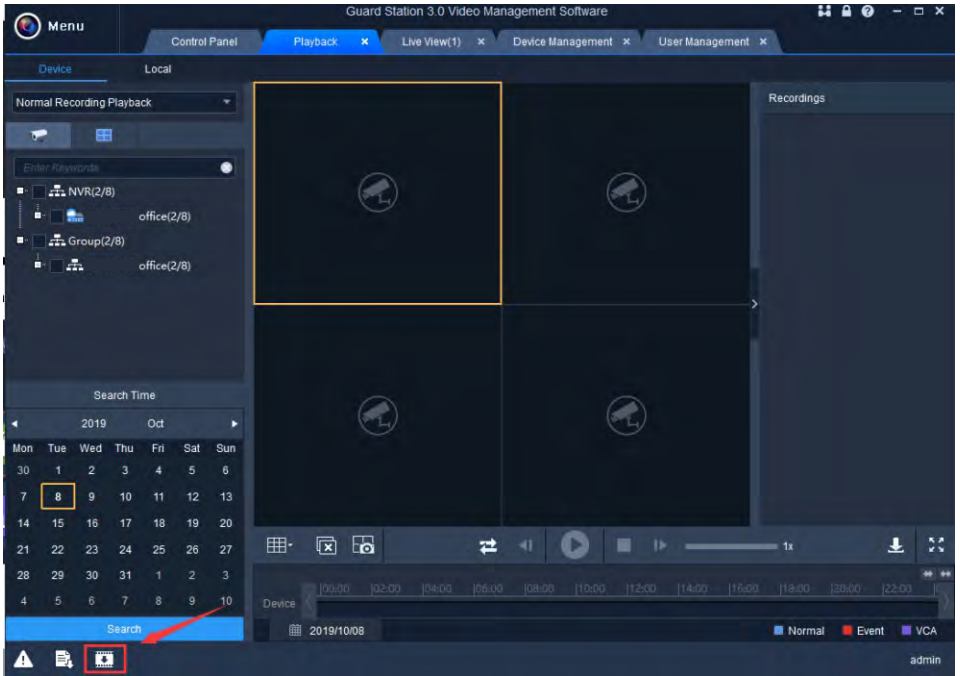


c) Backup via PC software Guard Station

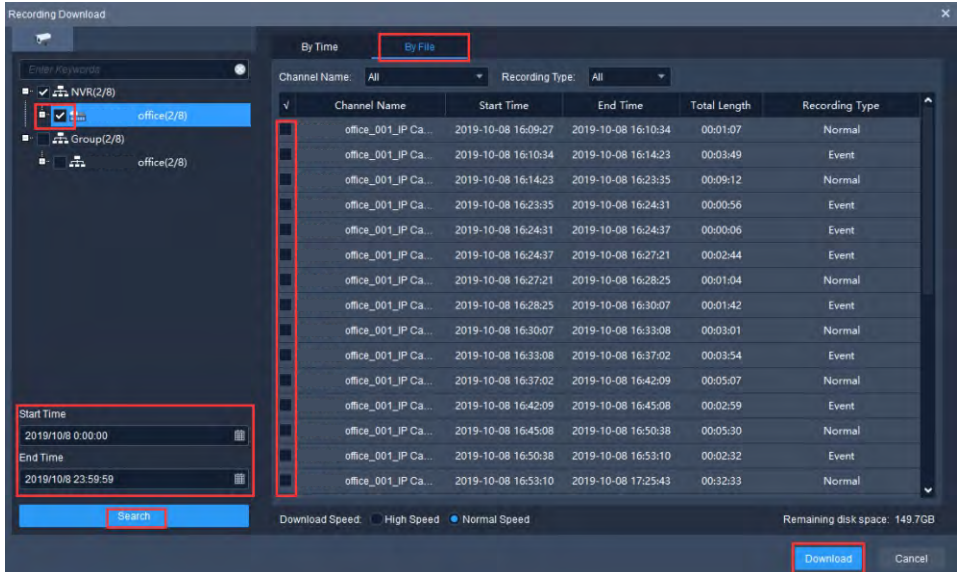
1. Open your PC client software, go to **Control Panel** and click **Playback**



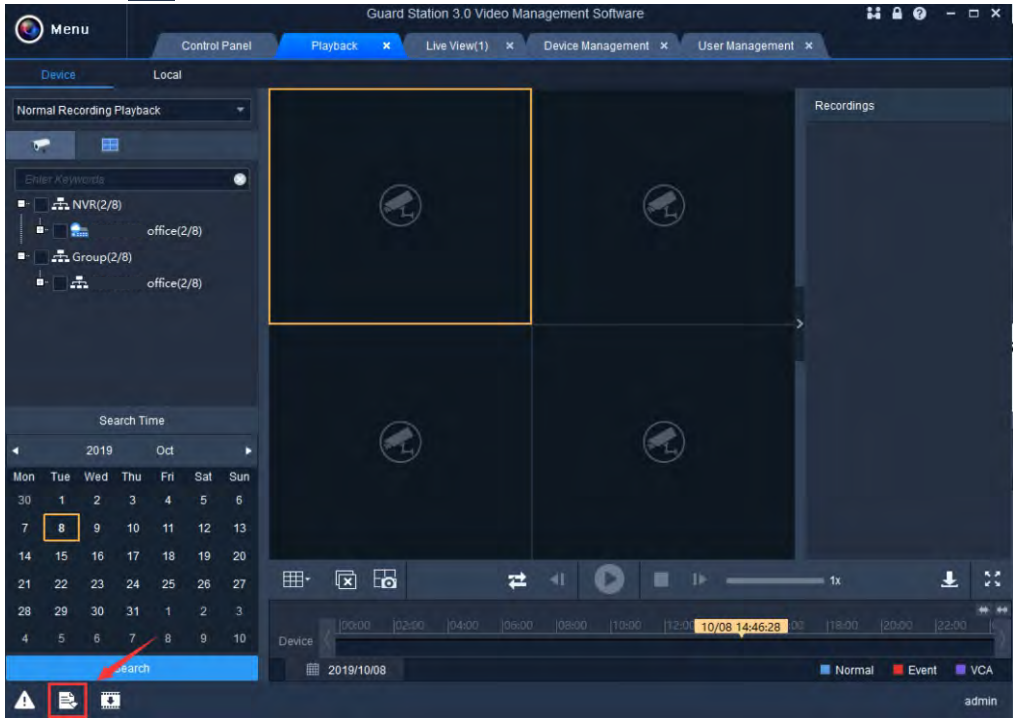
2. Click  on the lower left corner.




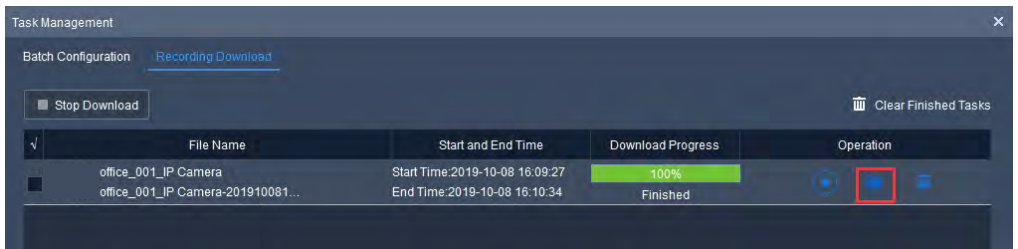
2. Click on **By File**, check in your device, select time and click on **Search**. Then select files and click **Download** to back up video.




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

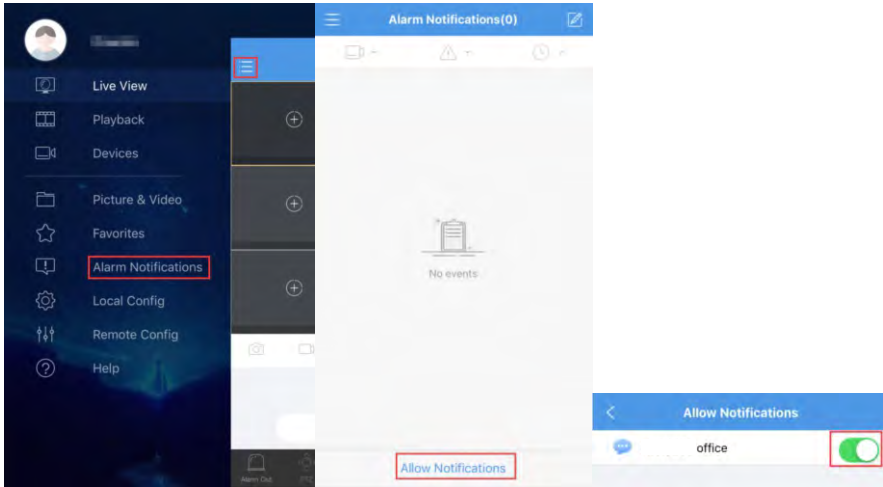


5. Click on  to open the folder and find the files you downloaded.



Mobile App alarm

1. Open mobile APP Guard Viewer, click  on the top left corner and choose **Alarm Notification**→**Allow Notification**, enable notification of your system.

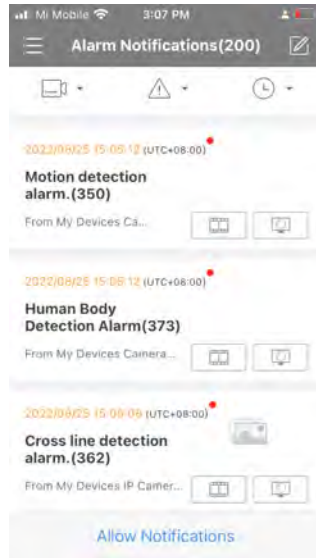
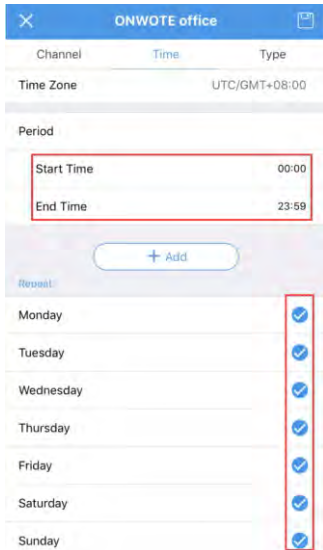


Set Alarm Schedule for App Alerts (default is 24*7 for all the cameras, all type of alerts)

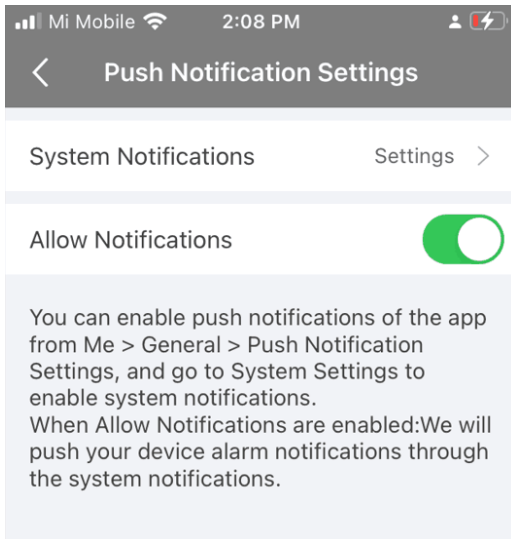
Click on **Advanced Settings**→**Channel** to select camera;

Click **Time** to set Start time & End time (click **+Add** to add more time period) and select day;

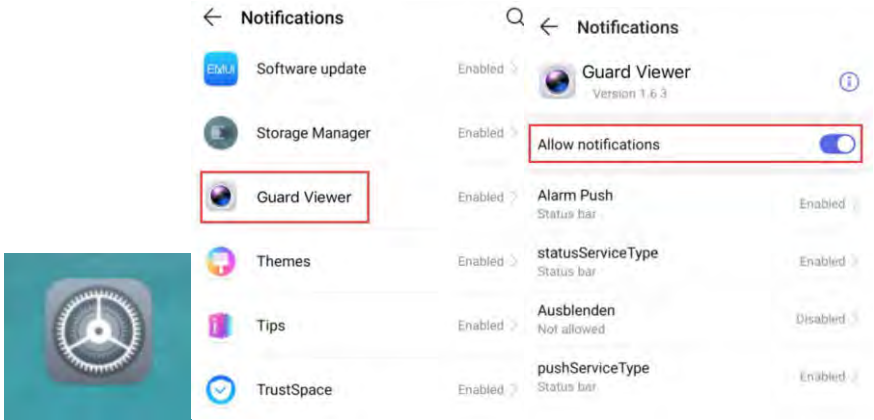
Click **Type** to select alarm type and click on  the top right corner to save the schedule.



a. iPhone: **Me >General >Push Notification**

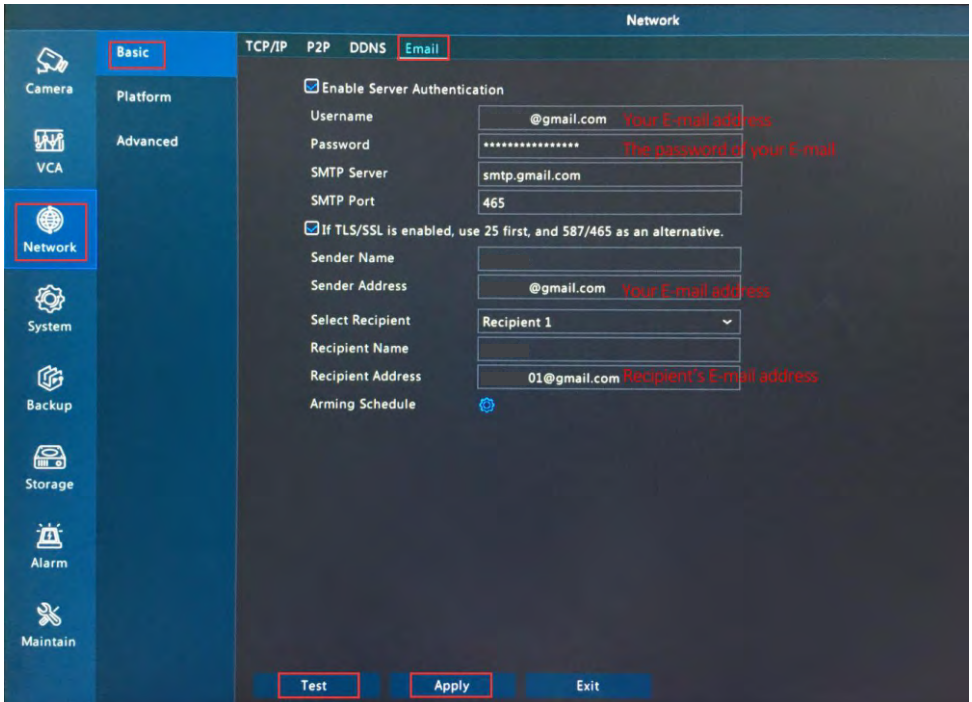


b. Android phone: **Settings-> Notifications-> Allow Notifications.**



E-mail Notification


1. Right click your mouse on the monitor which is connected with your NVR, choose **Main menu**→ **Network**→ **Basic**→ **Email**. Type in the information of your sender and recipient and click **Apply**.

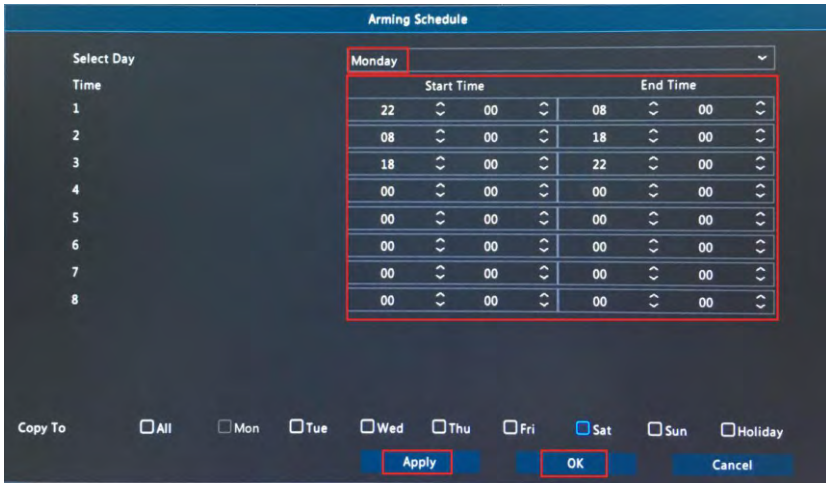


(The info on the picture above is just an example)

Click **Test** to verify the email settings. (*please check with your email supplier if you have troubles in email SMTP configuration*)

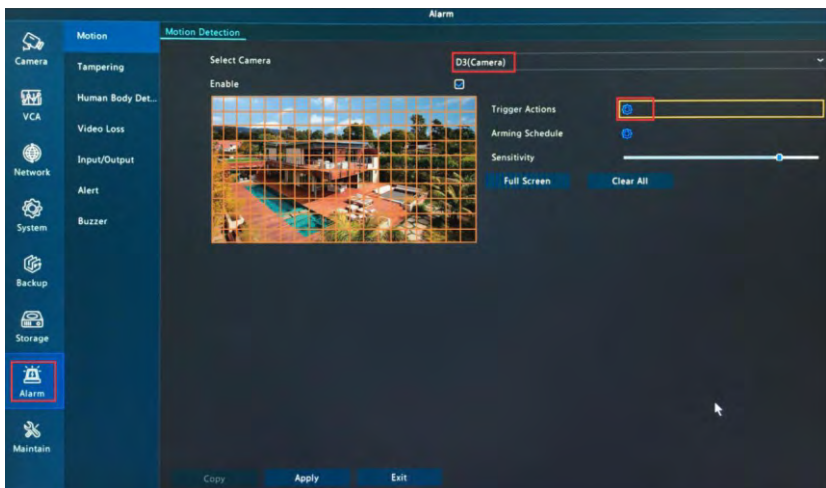
Set Alarm Schedule for Email Alert (default is 24*7 full time)

Click  behind Arming Schedule, select day, set time period and click Apply and OK to save schedule.

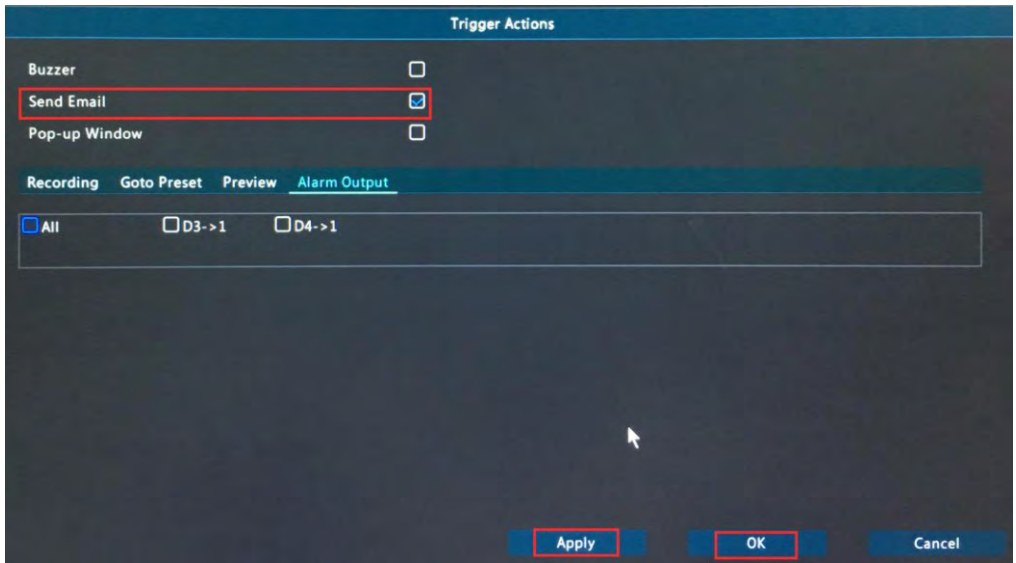


Check in day behind **Copy To** to copy schedule to other day.

2. Click **Alarm** → **Motion**, select camera and click  behind **Trigger Act**

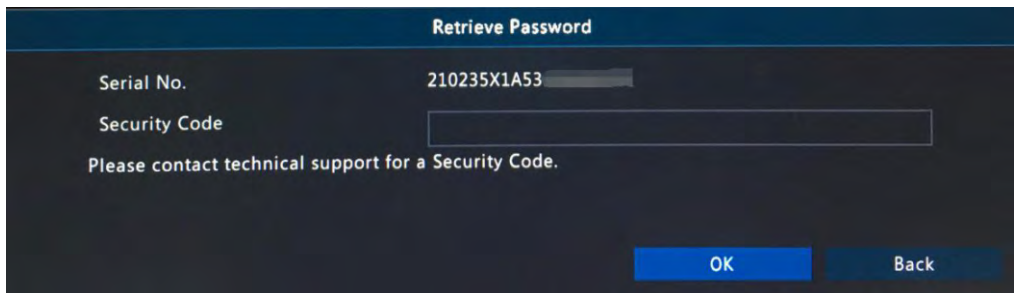


2. Check in **Send Email** and click **Apply** and **OK**.



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

2. Please take a photo of the page and email it to to get security code to reset your password.

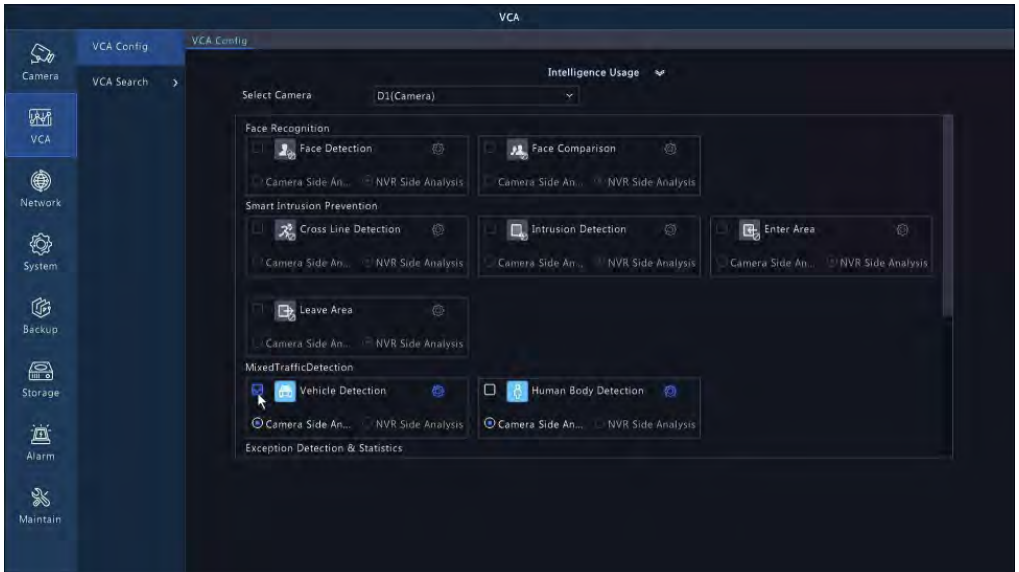


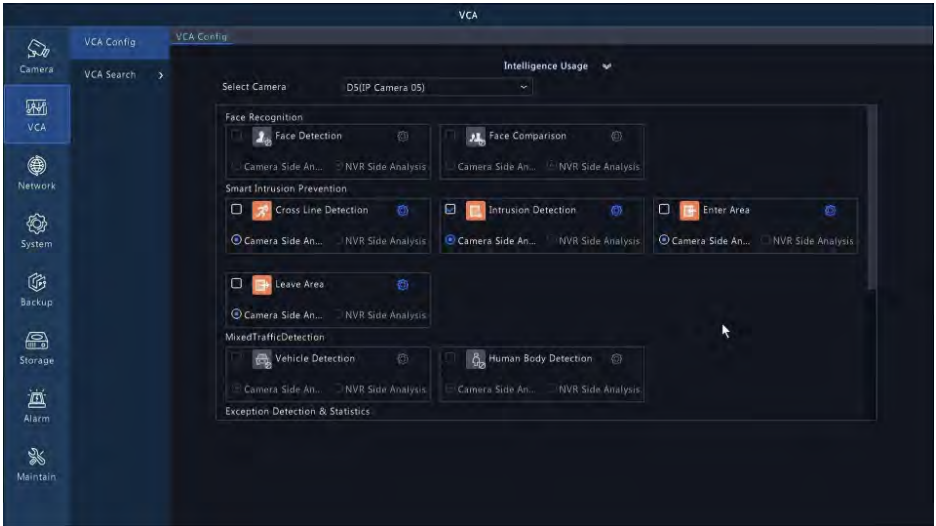
To get more support or user manual please go to or email us at

***Intelligent Smart VCA functions**

***NVR VCA Capabilities:**

Face Recognition	Face Detection Face Comparison
Perimeter Protection	Cross Line Intrusion Detection Enter Area / Leave Area
Mixed-Traffic Detection	Vehicle Detection Human Body Detection
People Counting	People Flow Counting Crowd Density Monitoring Counting Report
Exception Detection & Statistics	Defocus Detection Scene Change Detection Object Removed Object Left Behind Auto Tracking

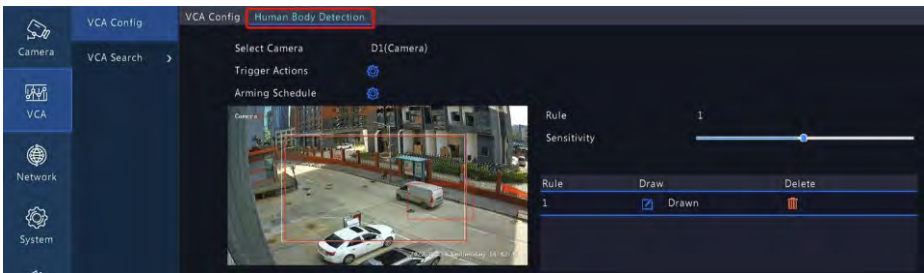




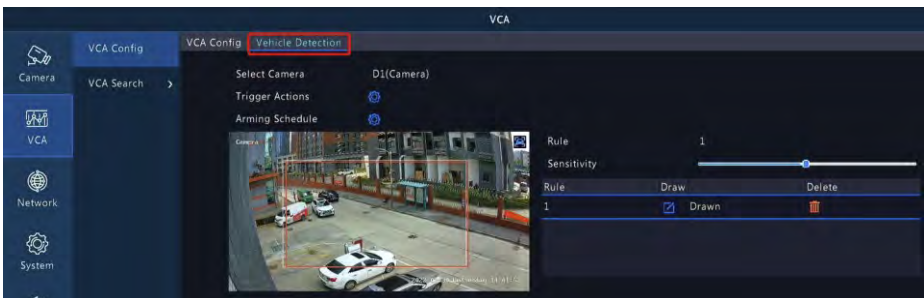
***Note:**

Different camera models may have different functions, the pictures above are for reference only. If you have any questions about VCA contact your supplier.

Human Body Detection



Vehicle Detection



Intrusion Detection

VCA

VCA Config

VCA Search


Intrusion Detection

Current Camera DS(IP Camera 05)

Trigger Actions

Arming Schedule

Advanced



(Note: Maxi. Points:6, Mini. Points:3, Double click to finish)

Rule	Draw	Delete	Rule
1	<input checked="" type="checkbox"/> Drawn		1
2	<input checked="" type="checkbox"/> Not Dra...		Sensitivity
3	<input checked="" type="checkbox"/> Not Dra...		Time Threshold(s)
4	<input checked="" type="checkbox"/> Not Dra...		Percentage

Priority: Mid

Snapshot Object

- Motor Vehicle
- Non-Motor Vehicle
- Pedestrian

Alarm Sound

Audio: 1.You_are_in_the_alert_area>Please_1

Repeat: 1

Alarm Light

Blink Time(s): 5 [5 ~ 60]

Bright...: 1 [1 ~ 1000]

Copy [Print] Exit

VCA

VCA Config

VCA Search

Face Snapshot S...

Behavior Search


People Counting...

Backup Image

Backup Recording

Backup All

Backup



Total: 890 Page:1/60

Channel ID: 5

Time: 04-09-2022 15:04:51

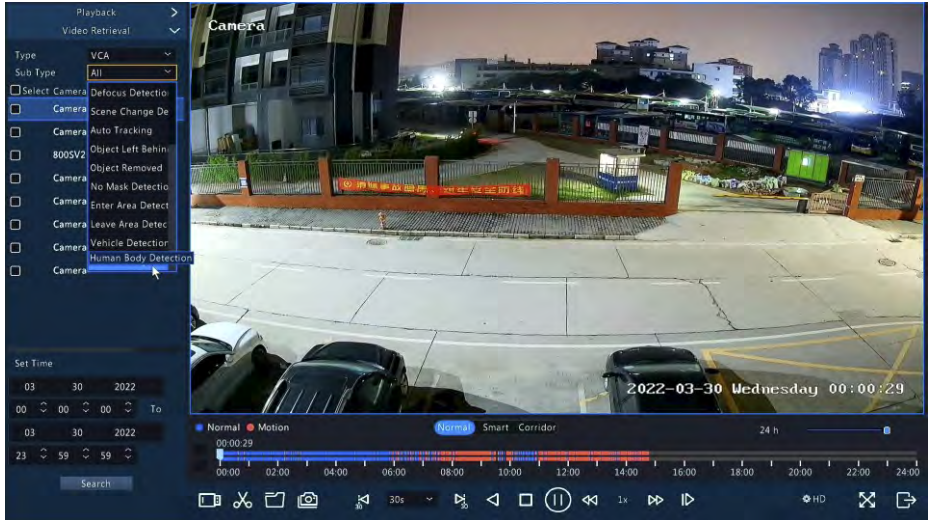
Object Type: Motor Vehicle

Event Type: Intrusion Detection

Cancel

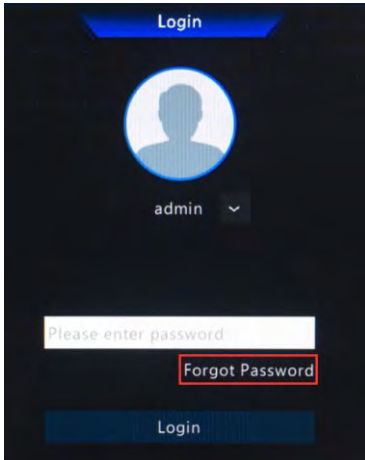
VCA playback

Go to **Start** -> **Playback** or **right-click menu Playback** to get into the playback interface, select **Video Retrieval** for **VCA** type event video search.



***Note:**

Different camera models may have different functions, the pictures above are for reference only. If you have any questions about VCA contact your supplier.

1. Click **Forgot Password**2. Open Guardviewer APP , goto **Me -> General -> Forget Device Password**, Scan the QR code to get the code by email.***Note:**

If you input a wrong email address or no Email show , please send the picture back to your supplier for help.

Compatible Products

50MM-CB003	5MP Pan/Tilt/Zoom IP (POE) Full High Definition Bullet Camera with 2.8-12mm Autofocus Lens
50MM-CB005	5MP AI HD Bullet IP PoE Camera IP67 3.6MM Fixed Lens
50MM-CB006	8MP AI Ultra HD Bullet IP PoE Camera IP67 3.6mm Fixed Lens
50MM-CD003	5MP HD Dome IP PoE Camera IP66 3.6mm Fixed lens IK10 Vandal Rated
50MM-CD007	8MP AI HD Speed Dome PTZ IP PoE Camera IP66 4.7-94mm Lens with 20X Optical Zoom
50MM-CD008	5MP AI HD Dome IP PoE Camera IP67 3.6mm Fixed Lens
50MM-CD009	8MP AI Ultra HD Dome IP PoE Camera IP67 3.6mm Fixed Lens
50MM-NVR08-4K	Professional 8 Channel 4K AI NVR with Integrated 8 Port PoE Switch
50MM-NVR16	Professional 16 Channel 4K AI NVR with Integrated 16 Port PoE Switch
50MM-NVR32	Professional 32 Channel 4K AI NVR with Integrated 16 Port PoE Switch