

VONIHOMÉ

QUICK SETUP GUIDE FOR IP CAMERA

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Warm Prompt

Thank you for purchasing our Security Products. Please read the User Manual carefully before operation. This is very important for you.

The "User Manual", "EasyVMS" and IP Configure Tool "EasyTool" could be downloaded from our website: www.vonihome.com/download If there are any missing parts, or if you have any questions for our products, please feel free to contact us:



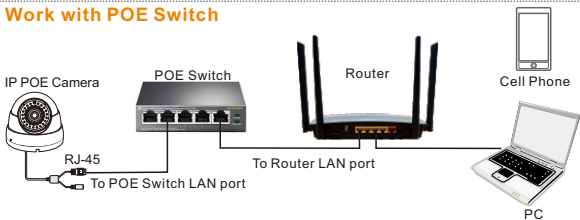
support@vonihome.com



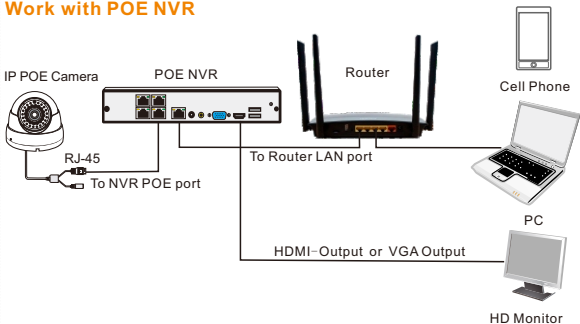
Vonihome CCTV

1.IP Camera Connection

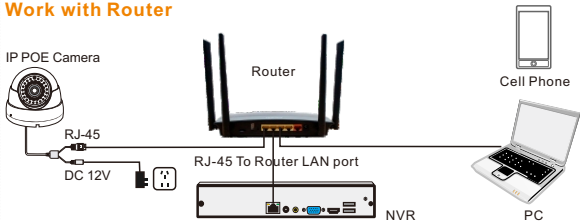
Work with POE Switch



Work with POE NVR



Work with Router



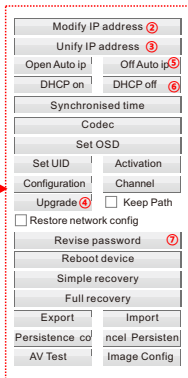
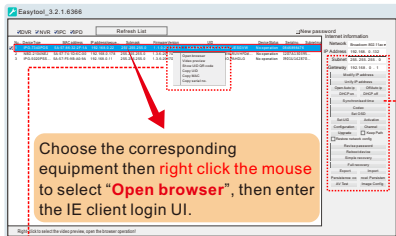
Note: Please make sure the IP camera/Router/NVR/PC are all in the same local area network(LAN) segment.

2.Camera Operation with IP Search Tool "EasyTool"

2.1. "EasyTool" Install and use

You can detect our cameras through IP Search Tool Software "Easy Tool" .

- 1) Download it from website: www.vonihome.com/download/.
- 2) Install it to your Windows computer.
- 3) Open the "EasyTool" software, all our IP cameras under the same LAN network will come up in the software.



2.2. "EasyTool" Main Functions Introduction

① Open browser:

Open the IP Camera and do preview in IE Browser

② Modify IP Address:

Modify devices(IP Camera) IP Address

③ Unify IP Address:

Unify the IP address for all devices

④ Upgrade:

Upgrade the IP camera firmware

⑤ Open/Off Auto IP:

Open Auto IP function, the IP camera will self change its IP address to LAN network Router/PC/NVR; Close Auto IP function

⑥ On/Off DHCP:

Turn on or Turn off DHCP function

⑦ Revise password:

Change the camera login password

Camera Operation with IP Search Tool "EasyTool"

2.2.1. Search and Modify Camera IP Address

If the camera can not be visited from web browser(IE), but can be searched by "EasyTool", please check whether the camera IP address is in same LAN segment with local network or not. If not, please modify the camera IP address. For example: the PC is under 192.168.0.1 LAN Network, the camera IP address is 192.168.1.10, you have to modify the camera IP address into 192.168.0.xx.

The screenshot shows the EasyTool 3.2.1.6366 interface. At the top, there's a title bar and a 'Refresh List' button. Below is a table with columns: No., Device Type, MAC address, IP address (sequence), Submask, Firmware Version, UID, Device Status, Serial no., and Subnet. The third row is highlighted in blue, showing a camera with IP 192.168.1.10. To the right of the table is a 'New password' section with 'Internet information' and 'Network' settings. Below the table, there's a 'Dialog' box with fields for 'User Name' (admin) and 'Password', and checkboxes for 'Keep password' and 'Auto refresh after completed'. A 'Confirm' button is at the bottom of the dialog. Red arrows point from the highlighted camera row to the dialog box, and from the 'Modify IP address' button in the network settings to the dialog box. A red arrow also points from the 'Confirm' button to a note at the bottom.

Step1. Select the camera which is required to modify the IP address

Step2. Click here to enter into the modify interface

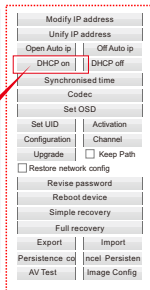
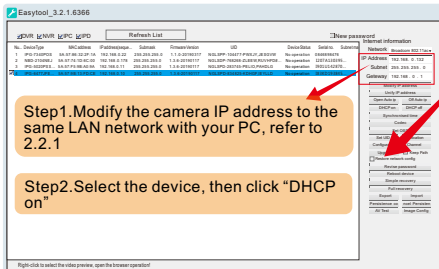
Step3. The default password is **no password**, if you have changed, please input your new user name and password, then click confirm.

Camera Operation with IP Search Tool "EasyTool"

2.2.2. DHCP/Auto IP Setting

DHCP is enable by default.

If the DHCP is disable, it is essential to change the camera's IP address to the same LAN network before you could Enable the DHCP Function. Steps as follow:



2.2.3. Camera Upgrade/Factory Default

Camera Upgrade:

Step1: Select the camera which is required to upgrade

Step2: Click "Upgrade" button, then login(default: User Name:admin;no password)

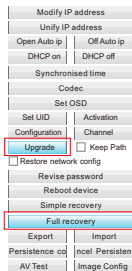
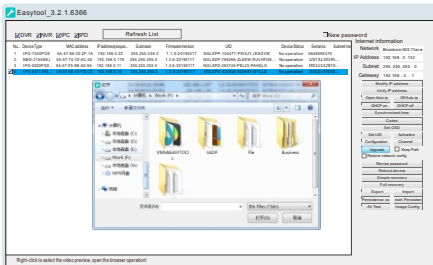
Step3: Browse the local folder and select the upgrade file.

Factory Default:

Step1: Select the camera which is required to set to default.

Step2: Click "Full recovery" button, then login(default: User Name:admin;no password)

Note: It takes around 2 minutes.



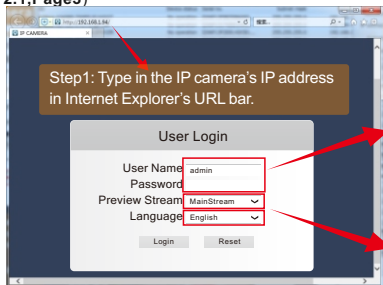
3. Visit Camera from Web Browser(IE)

3.1. IE Browser Log in

Open the Internet Explorer(IE), then go to step1-step4, shown as follow:

Note:

- 1: If the Camera IP address is not in the same LAN network with your PC, please modify the Camera IP address(**Refer to 2.2.1,Page4**)
- 2: If this is your first time to visit the IPC via IE browser, **please ensure the plug-in has been installed.**
- 3: You could also enter into IP Camera IE login UI from "Easy Tool". (**Refer to 2.1,Page3**)



Step2:

Login.

User name: **admin**

Default password: **no password**

Step3:

Preview Stream :

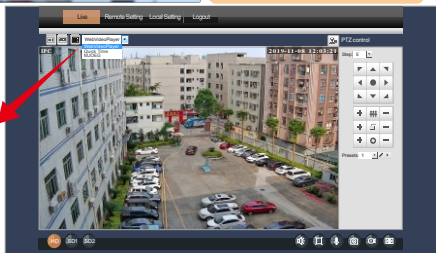
Main Stream/Sub Stream

Language:

Multiple Language optional.

Step4:

Click to choose the **WebVideoPlayer** to view video directly (usually the player of IE Browser is default).



Other Browser Log in

If use other browsers, it should download plug-in,for example: Visit the IPC via **Chrome/ Firefox**, you need to choose the VLC mode, then you will find that some character pop-up to remind you to download the plug-in; If visit on Mac (which is Apple PC and the default browser is Safari), please choose the QuickTime mode, and click to download the plug-in.

Visit Camera from Web Browser(IE)

3.2. IP Camera General Configurations(IE)

After login the camera from Web Browser(IE), you could do a lot of general configurations, shown as from:

Remote Setting > Camera Configuration

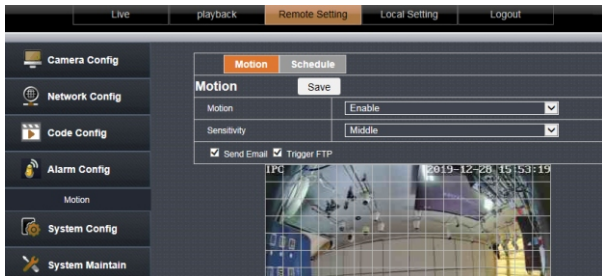


3.2.1. Motion Detection Setting

Remote Setting > Alarm Configuration > Motion

You could Enable the Motion Detection here (Motion Detection is disable by default.)

You will receive the email when Motion is detected (first set up the Receiver Email on "Network configuration > Email configuration"). You can also setup an email address or FTP storage server to receive the motion snapshot.



Visit Camera from Web Browser(IE)

3.2.2. Resolution/Audio/Compression Format Setting

Resolution Setting/Compression Format Setting:

Here you can change the resolution and the compression format.

The screenshot shows the 'Remote Setting' tab in a web browser interface. On the left is a sidebar with navigation options: Camera Config, Network Config, Code Config, Code Parameters, Audio Parameters, Capture configuration, Alarm Config, System Config, and System Maintain. The main area displays configuration settings for a camera. A red arrow points to the 'H.265' option in the 'Video Codec' dropdown menu. Another red arrow points to the '4MP(2560*1440)' option in the 'Resolution' dropdown menu. The 'Stream Type' is set to 'Video & Audio Stream', 'FPS' is 25, and 'Rate Control' is VBR.

Setting	Value
Stream Type	Video & Audio Stream
Video Codec	H.265
Resolution	4MP(2560*1440)
I frame interval	1080P(1920*1080) (1-200)
FPS	25 (fps)
Rate Control	VBR

Audio Setting:

Stream Type Choose "Video&Audio Stream": **Audio on**;

Stream Type Choose "Video Stream": **Audio off**;

The screenshot shows the 'Remote Setting' tab with the 'MainStream' sub-tab selected. A red arrow points to the 'Video & Audio Stream' option in the 'Stream Type' dropdown menu. The 'Video Codec' is H.265, 'Resolution' is 1080P(1920*1080), 'I frame interval' is 100, 'FPS' is 25, and 'Quality' is Medium. The 'Save' button is visible at the top right of the settings area.

Setting	Value
Stream Type	Video & Audio Stream
Video Codec	H.265
Resolution	1080P(1920*1080)
I frame interval	100 (1-200)
FPS	25 (fps)
Quality	Medium

Visit Camera from Web Browser(IE)

3.2.3. RTSP Setting

Remote Setting > Network Configuration > RTSP Configuration

The screenshot shows the 'RTSP Config' page in a web browser. At the top, there are tabs for 'Live', 'playback', 'Remote Setting' (which is selected), 'Local Setting', and 'Logout'. On the left, there is a sidebar with 'Camera Config' and 'Network Config' (selected). Under 'Network Config', there are links for 'Network Config', 'Wireless Config', 'Port Config', 'PPPoE Config', 'Email Config', 'FTP Config', 'DDNS Config', and 'RTSP Config'. The main content area is titled 'RTSP Config' and has a 'Save' button. It contains a table with 'RTSP Port' set to '554'. Below the table, it shows 'MainStream rtsp://IP-Port/live/0/MAIN' and 'SubStream rtsp://IP-Port/live/0/SUB', with a note '(Change the parameters will restart)'. A yellow callout box contains the following text:

- 1) Main Stream:RTSP://IP:554/live/0/MAIN
- 2) Sub Stream: RTSP://IP:554/live/0/SUB

Note: make sure the camera is connected to internet successfully before visiting the camera via RTSP URL

3.2.4. P2P Setting(APP)

Remote Setting > Network Configuration > P2P Configuration

Open the P2P function(select "Enable" then click "save"), using the P2P ID and QR code, you can access the camera remotely anywhere via smart phone.

Note: Please make sure Internet status is "Internet-Ready";

Choose "Disable" to close P2P function.

The screenshot shows the 'P2P Config' page in a web browser. At the top, there are tabs for 'Live', 'playback', 'Remote Setting' (which is selected), 'Local Setting', and 'Logout'. On the left, there is a sidebar with 'Camera Config' and 'Network Config' (selected). Under 'Network Config', there are links for 'Network Config', 'Wireless Config', 'Port Config', 'PPPoE Config', 'Email Config', 'FTP Config', 'DDNS Config', 'RTSP Config', 'UPNP Config', and 'P2P Config'. The main content area is titled 'P2P Config' and has a 'Save' button. It contains a table with 'P2P' set to 'Enable', 'UID' set to 'NGLSH2-104477-PWXJY', and 'Status' set to 'Internet-Ready'. Below the table, there are two QR codes. The left QR code is labeled 'Scan To Get UID' and the right QR code is labeled 'Scan To Download APP'. A red arrow points from the 'Internet-Ready' status to the right QR code. Below the QR codes, it says 'Change the parameters will restart.' A yellow callout box contains the following text:

The status shows "Internet-Ready" means the camera is connected to the internet successfully.

Visit Camera from Web Browser(IE)

3.2.5. DHCP/Auto IP Setting

Remote Setting > Network Configuration > Network Configuration

IP Type: Choose "DHCP" DHCP On; Choose "Static" DHCP Off;

Auto IP: Enable/Disable

Note: When enable "Auto IP", the camera IP address will be self-adapted to the connected device's LAN segment.

Network Config		Save
IP Type	DHCP	Static
Auto IP	Enable	DHCP
IP Address	192.168.1.86	
Subnet Mask	255.255.255.0	
Gateway	192.168.1.1	
Primary DNS	114.114.114.114	
Alternative DNS	8.8.8.8	
MAC Address	5a:5b:2b:12:19:a6	

3.2.6. Time Setting(NTP)

Remote Setting > System Configuration > Time Setting

There are two time update modes available, **Manual** and **NTP**.

NTP is enable by default.

Select your time zone, and click "Sync with PC date time". Then click "Save" button.

If the camera is connected to the Internet, you can set up a NTP server for the camera to sync the time and date automatically.

Date/time		DST
Date/time		Save
Date format	YY-MM-DD	
Time format	24Hour	
Device date time	2019-12-27 10:48:36	Sync with PC date time
NTP Timing	Open	
Time zone	(GMT +08:00) Beijing, Singapore, Taipei	
Sync Interval	01 Hour	
Server Address	pool.ntp.org	


Visit Camera from Web Browser(IE)

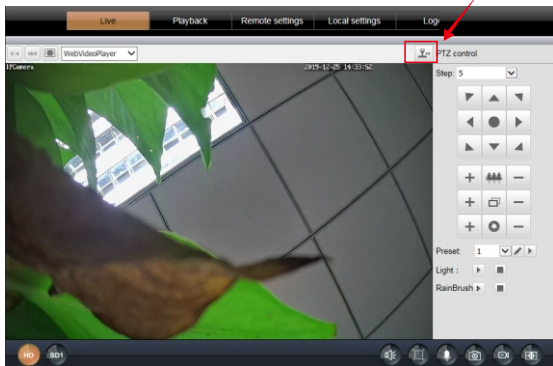
3.2.7. PTZ Control from Web Browser(IE)

Remote Setting > System Configuration > PTZ Setting

PTZ basic settings, PTZ step, Bit rates, etc. can be set here.

Note: The default PTZ setting is not allowed to modify.

"PTZ control" interface On the "Live" page, click the PTZ button  in the upper right corner to **open/close** the control interface.



Visit Camera from Web Browser(IE)

3.2.8 Camera Upgrade/Factory Default

Remote Setting > System Maintain > Firmware Update

If there is a new firmware for upgrade, please connect the camera and log in the camera from IE, then select the file to upgrade it automatically.


Remote Setting > System Maintain > Restore Default

Reset to the factory default setting.



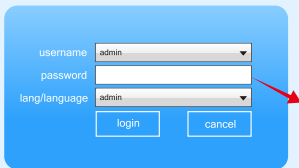
5.Working with Client Software "EasyVMS"

5.1.Install and Use "Easy VMS"

Install the "Easy VMS"  software to your computer. You could download this software from our website: www.vonihome.com/download/

Double click it and open the software Login UI and use your User Name and Password to log in. Shown as below:

Note: Default username: admin; no password.

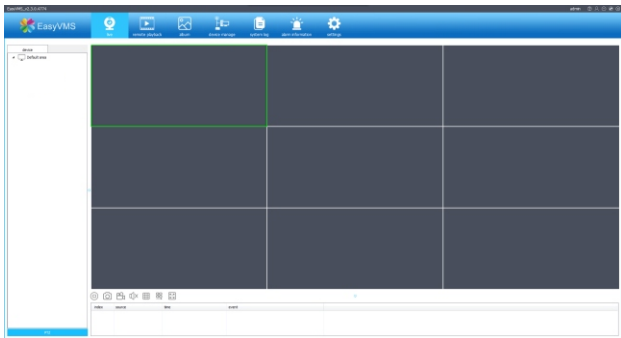


No password
Click "login" directly

Working with Client Software "EasyVMS"

5.2.Adding Device

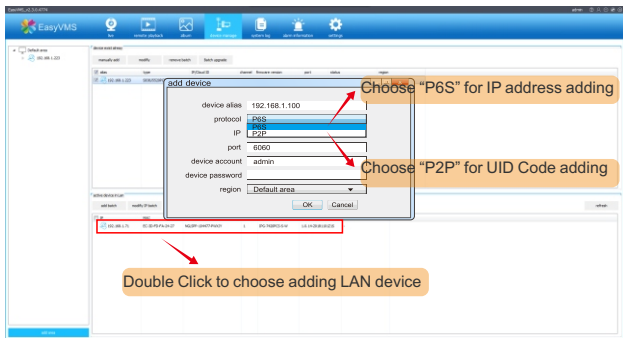
Enter the "EasyVMS"UI first.



Then click "device manage" to add device.

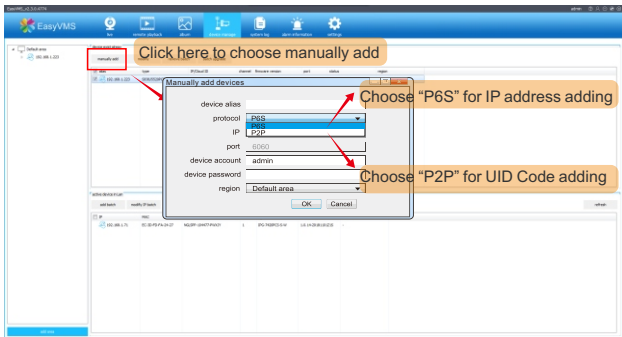
There are two ways to add the IP devices:

1.LAN network search(1: IP address adding 2: P2P UID adding);

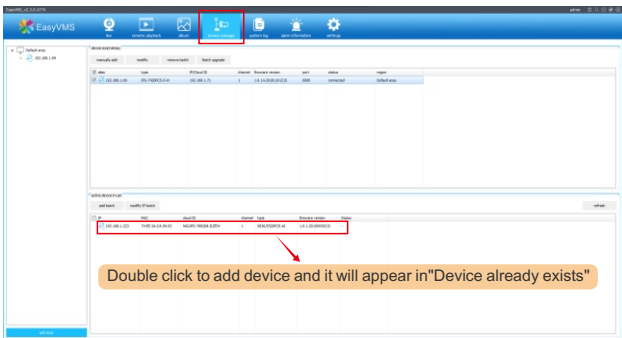


Working with Client Software "EasyVMS"

2.Manual add(1: IP address adding 2: P2P UID adding)



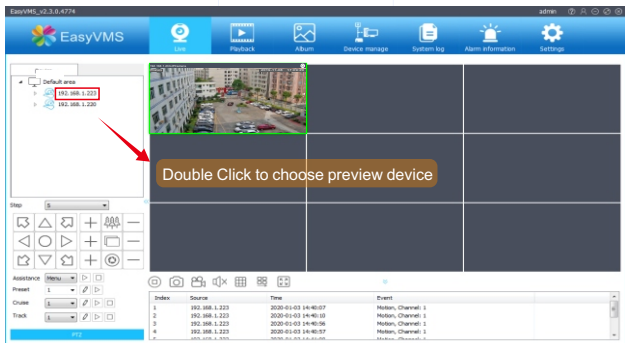
Click "device manage" to add devices.



Working with Client Software "EasyVMS"

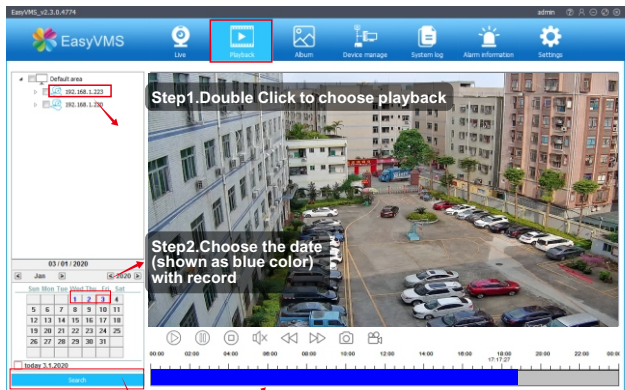
5.2.Preview

Double click the device address and the video will appear after a few seconds.



5.3.Playback

You can choose the date with record.



6.Working with Smartphone APP "P6SLite"

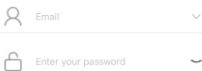
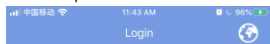
Download the APP "P6SLite",via Apple Store(for iPhone/iPad) or Google Play(for android phone/pad). After downloading the "P6SLite", Open the APP, choose "login", if you don't have user name, please register first.



APP:P6SLite

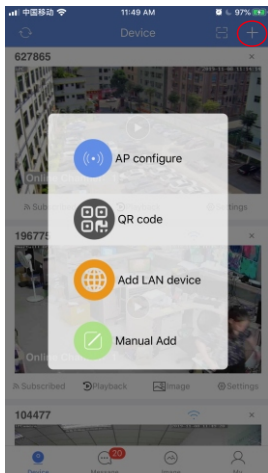
6.1.Adding Device

Enter the UI, please Click the "+" in the upper right corner,choose the corresponding way to add the devices.For more detailed instructions and video tutorials please refer to our website: www.vonihome.com



Sign up

Forgot password



Click "+" choose corresponding way to add device

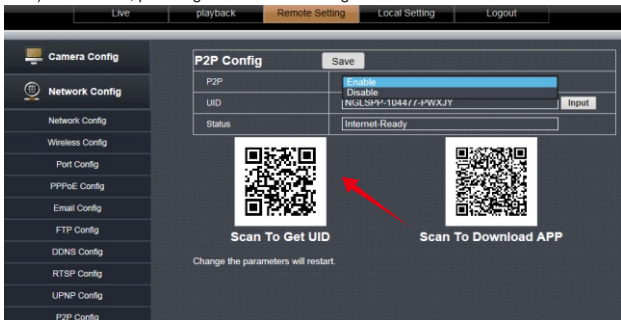
Working with Smartphone APP "P6S-lite"

There are 2 suggested ways to add device:

1.Add LAN device(The Mobile must in the same LAN network with the IP Camera);

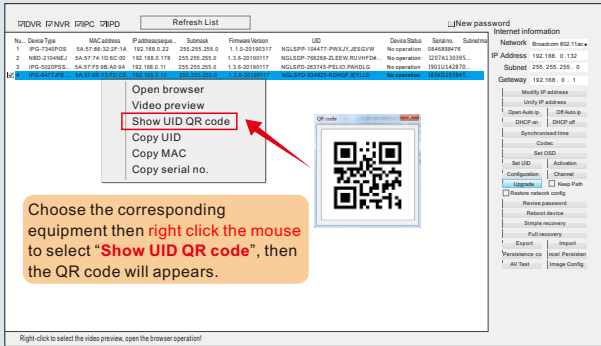
2.Scan QR Code(UID Code).

1)From the IE, please go to the P2P Setting to find the QR Code of the camera.



2)From the "EasyTool" UI.

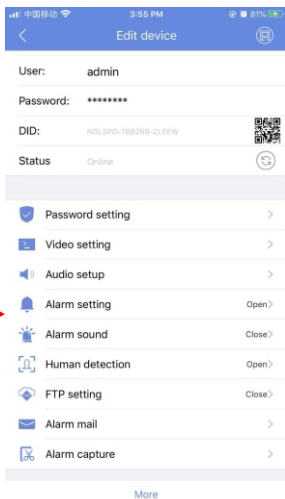
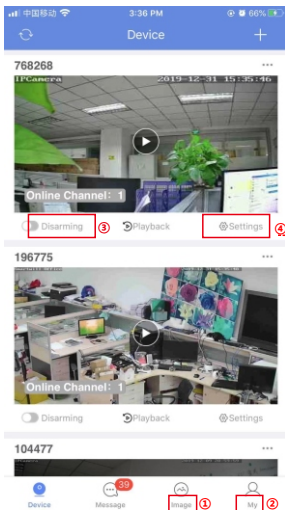
EasyTool_3.2.1.6366



Choose the corresponding equipment then **right click the mouse** to select "**Show UID QR code**", then the QR code will appears.

Working with Smartphone APP "P6S-lite"

6.2. Basic setting



① Image:

Recorded videos and screenshots will be stored here.

② My:

Modify password, local configuration and software version(APP) update

③ can be set here.

Disarming:

To open/close the message push.

④ Setting:

Basic function setting.

7.Frequently Asked Questions

① Q: If I forgot the Camera IP address, what could I do?

A:

1. Please install our IP Search Tool"EasyTool" to your Windows Computer.
2. Power up the camera and connect it to the same LAN network with your Computer, then run the "EasyTool" software, all our IP cameras under this LAN Network will be coming up in this software.

Please go to website www.vonihome.com/download/ to download "EasyTool" software.

② Q: If I forgot the camera password, what can I do?

A: Please use our IP Search Tool software"EasyTool" to read the IP camera's Mac. address and send it into our Tech. Support email **support@vonihome.com** , our Tech. Support Team will issue a super password for you in the next day.

③ Q: How could I Open/Close Audio in function?

A: for the IP camera with RCA Audio Input interface in cable, usually its default setting is with Audio Off. Please log into the IP camera from Web Browser(IE), go to "Remote Setting"---"Code Configuration"---"Code Parameters", in "Stream Type", choose "Video&Audio Stream" means Open Audio, choose "Video Stream" means Close Audio. After finishing setting the parameters, please remember to press "Save" to activate the settings.

About how to visit the IP camera from Web Browser(IE), please refer to Part3.2.2 Page8.

④ Q: How to Activate NVR Motion Record with the IP Camera?

A:

1st: Set NVR with Motion Record mode. (Please refer to your NVR user manual for how to set NVR with motion record)

2nd: Enable our IP Camera's motion function from Web Browser. Log into the IP camera from Web Browser(IE), go to "Remote Setting"---"Alarm Configuration"---"Motion", choose "Enable" and select the motion detection areas. After finishing setting the parameters, please remember to press "Save" to activate the settings.

Frequently Asked Questions

- ⑤ Q: If our NVR only supports H.264 1080P IP camera input, where could I change the Camera Compression format from H.265 to H.264, resolution from 5MP to 1080P?**

A: Log into the IP camera from Web Browser(IE), go to "Remote Setting"---"Code Configuration"---"Code Parameters", in main stream "Video Codec", you could set the camera into H.264 compression format; in "Resolution" you could set camera into different resolutions. After finishing setting the parameters, please remember to press "Save" to activate the settings.

- ⑥ Q: Where can I operate the PTZ camera PAN/TILT/Zoom(Motorized Camera: Zoom&Focus)?**

A:

1st: Control it from third Part NVR or CMS PTZ control interface(icon)(refer to the third part NVR/CMS user manual for where is the PTZ control interface and how to use it)

2nd: Control it from our APP "P6Slite". When you open our APP, you will see the "PTZ" control icon in the main page.

3rd: Control it from Web Browser(IE). Log in the IP camera from IE, in the "Live" live view window, in the up right corn, there is a PTZ control icon. Click the icon, the PTZ control interface will come up.

- ⑦ Q: Why does NVR not show video after adding your IP Camera?**

A:

1): Please check your NVR whether supports H.265 video compression format, if not, please log in our IP camera from IE to set it into H.264.

2): Please check your NVR whether supports our IP camera's default resolution, if your NVR Max. support resolution lower than our IP camera default resolution, please log in our IP camera from IE to set it with lower resolution.

Please refer to QA5 for the setting method.

- ⑧ Q: How could I confirm whether the IP camera is connected to the internet successfully?**

A: Log into the IP Camera from Web Browser(IE), go to "Remote Setting"---"Network Configuration"---"P2P", if the "Status" shows "Internet-Ready", then it means this IP camera is connected to the internet successfully.

Frequently Asked Questions

⑨ Q: Could I view the camera via smart phone?

A: Yeah, our IP camera comes with free APP "P6Slite", you could download it and install it to your phone, then you could use it to view our cameras.

Please refer to Page18 (APP for detailed operation instructions.)

⑩ Q: What is the RTSP URL for the camera?

A:

1) Main Stream: RTSP://IP:554/live/0/MAIN

2) Sub Stream: RTSP://IP:554/live/0/SUB

Please make sure the camera is connected to internet successfully before visiting the camera via RTSP URL.

⑪ Q: How to upgrade the camera?

A:

1) Get the latest firmware from our website www.vonihome.com/download/ or setting email to our Tech. Support email support@vonihome.com.

2) The camera could be upgraded from Web Browser(IE)/ IP Search Tool "EasyTool"/ Computer Client software "EasyVMS". Choose the proper channel you like to do the upgrade.

Refer to the Page5 for detailed operation instructions.

More info

This manual is to help customer to use the camera quickly. For more detailed instructions and video tutorials please refer to our website: www.vonihome.com

This manual may have descriptions and operations that do not match the product, If you have any questions or need technical support, Please feel free to contact us.