



HD PoE IP Camera

Quick User Manual

Uprime Series

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■ About this Manual

The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website. Please use this user manual under the guidance of professionals.

■ Legal Disclaimer

REGARDING TO THE PRODUCT WITH INTERNET ACCESS, THE USE OF PRODUCT SHALL BE WHOLLY AT YOUR OWN RISKS. OUR COMPANY SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER ATTACK, HACKER ATTACK, VIRUS INSPECTION, OR OTHER INTERNET SECURITY RISKS. HOWEVER, OUR COMPANY WILL PROVIDE TECHNICAL SUPPORT IF REQUIRED. SURVEILLANCE LAWS VARY BY JURISDICTION. PLEASE CHECK ALL RELEVANT LAWS IN YOUR JURISDICTION BEFORE USING THIS PRODUCT IN ORDER TO ENSURE THAT YOUR USE CONFORMS TO THE APPLICABLE LAW. OUR COMPANY SHALL NOT BE LIABLE IN THE EVENT THAT THIS PRODUCT IS USED WITH ILLEGITIMATE PURPOSES. IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATER PREVAILS.

■ Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received. Including interference that may cause undesired operation

■ EU Conformity Statement



This product and - if applicable - the supplied accessories too are marked with (£ 'CE' and comply therefore with the applicable harmonized European standards listed under the Low Voltage Directive 2015/35/EU, the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU.



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your Local supplier upon the purchase of equivalent new equipment or dispose of it at designated collection points. For more information, please see: www.recyclethis.info.



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information, please see: www.recyclethis.info.

Packing List

- ▶ IP Camera.
- ▶ Quick User Manual
- ▶ Mounting Kit
- ▶ RJ45 Network Port Waterproof Jacket
- ▶ Warranty Card

*Please refer to the actual product.

ATTENTION

It is recommended to connect the camera to the NVR or an external PoE switch. If using a DC power adapter (not included) with the camera, a REGULATED power supply is REQUIRED for use with this camera. Use of a non-regulated, non-conforming power supply can damage this product and voids the warranty.

Tips on using this IP Camera



We strongly recommend you to read carefully the User manual together with this quick user instruction. It will tell you more details on how to use it correctly.

You also could contact us any time: support@anpvizsecurity.com

**FOR SUPPORT AND INFORMATION,
VISIT www.anpvizsecurity.com**

 Product Information

 Specification Sheets

 User Manuals

 Software

 Quick Start Guides

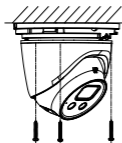
 Firmware

 support@anpvizsecurity.com

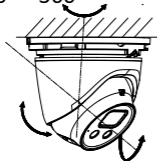
Installation

Please refer to the diagram for installation according to the type of product you purchased.

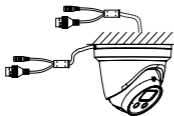
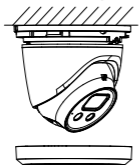
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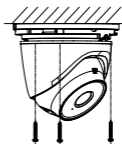
$0^{\circ} \sim 360^{\circ}$



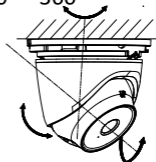
$0^{\circ} \sim 75^{\circ}$ $0^{\circ} \sim 360^{\circ}$



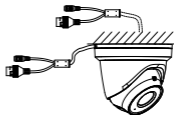
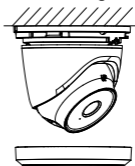
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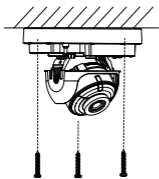
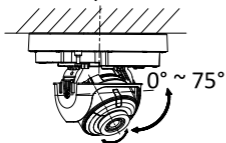
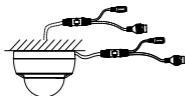
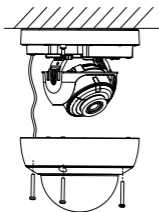
$0^{\circ} \sim 360^{\circ}$



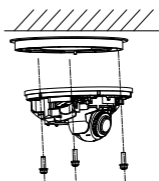
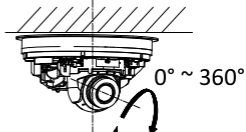
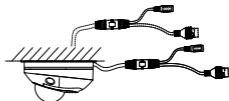
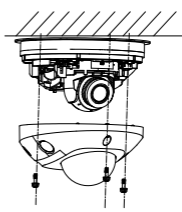
$0^{\circ} \sim 75^{\circ}$ $0^{\circ} \sim 360^{\circ}$



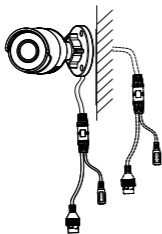
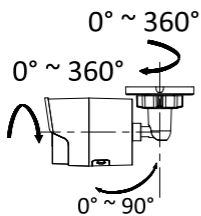
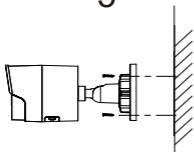
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 $0^{\circ} \sim 355^{\circ}$

 $0^{\circ} \sim 355^{\circ}$


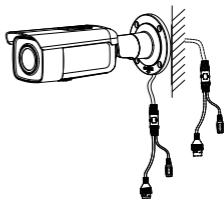
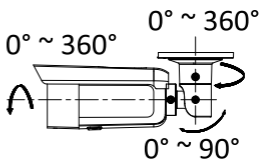
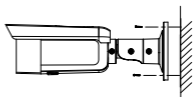
4


 $-30^{\circ} \sim 30^{\circ}$

 $0^{\circ} \sim 75^{\circ}$


5

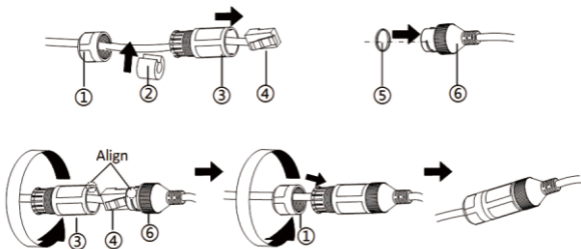


6



Install Network Cable Waterproof Jacket

■ 1. Install Network Cable Waterproof Jacket



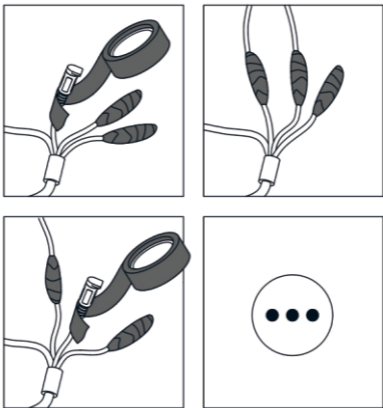
Install Waterproof Jacket

Step:

1. Feed the network cable through ① and ③ in order.
2. Fix ② on the network cable between ① and ③.
3. Place ⑤ onto the end of ⑥, and plug the RJ45 male connector into RJ45 female connector.
4. Screw ④ to ⑥ clockwise.
5. Push ② into ③.
6. Secure ① with the ④ in clockwise direction.

■ 2. Waterproof Other Cables

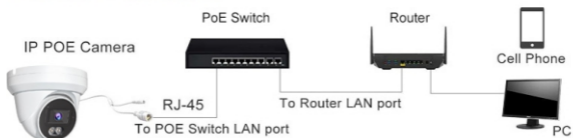
After routing and connecting the cables, use the waterproof tapes to wrap up the cables. Connected cables and spare cables both should be wrapped up as the figures below.



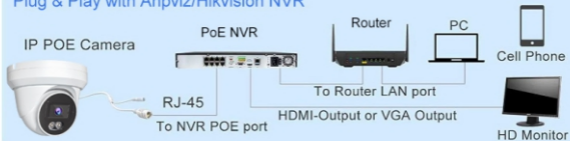
Waterproof Cables

1. Connect the Camera to System

Work with POE Switch



Plug & Play with Anpviz/Hikvision NVR



Work with Router



Note :

- 1 . This camera work with ONVIF standard POE NVR or POE Switch with 48V-52V power supply.insufficient power supply will result in no picture .
- 2 . The camera should be connect to an DC12V power supply,if you do not use PoE(Power over Ethernet)
- 3 . A Windows computer is more convenient for setup andtroubleshooting.

Modifying The Camera's IP Address

WARNING



DHCP is enable by default. This Step is very important, If you are using Internet Web browser or NVR connection.

Default: IP address: DHCP

Username: admin, Password: 123456



(We strongly recommend modifying the default password for your security).

Each IP camera has the same default IP address after leaving the factory. In order to guarantee network connectivity and access the live video, it is essential to change the camera's IP address to unique via computer before using. You can install the device **search tool** from the www.anpvizsecurity.com (Download- Uprime Series) to quickly configure the IP camera.

IP camera search tools V5.6.5_20230509

All NetCard All NetCards Start Search Export to Excel admin 123456 Total: 7 Selected: 1

IP Address	HTTP Port	Model	Title Name	Preview	Firmware Version	AF V...	Status
<input type="checkbox"/> 192.168.1.231	80	NVS-IOT-CAMERA			TS38K15-ONVP-P3P V1.0.0.10 build 2022-08-30 17...		Login success
<input type="checkbox"/> 192.168.1.223	80	YH500L	Camera		YH500L_AF_V0_BU_Y_BN4TMP-H5_1_V3.0.9.0 build ...		12:27:15 Motion Detection/motion alarm, 18X22.0020000...
<input type="checkbox"/> 192.168.1.130	80	HC300N	Camera		HC300N_AF_V0_BU_04644TMP-G8-0H-H5 V3.0.5.1...		12:27:20 Motion Detection/motion alarm, 18X22.0000000...
<input type="checkbox"/> 192.168.1.227	80	YH8000V2_STARON	Camera		YH8000V2_STARON_AF_V0_V2_Y_BN4TMP-H5...		12:27:23 Recording starts, 18X22.0022362...
<input type="checkbox"/> 192.168.1.218	80	YHFS2_STARON	Camera		YHFS2_STARON_AF_V0_Y_BN4TMP-H5_1_V3.2.1...		12:27:33 HumanAlarm/video Human shape detected.
<input type="checkbox"/> 192.168.1.129	80	YH8000V2_HOUSON	Camera		YH8000V2_HOUSON_AF_V2_Y_BN4TMP-H5_1_V3.2...		Login success
<input type="checkbox"/> 192.168.1.155	80	YH400L	Camera		YH400L_RH223R_AF_V0_BU_Y_BN4TMP-H5_1_V3.0...		12:27:37 Motion Detection/motion alarm, 18X22.000011...

IP address setting

DHCP

Start IP: 192.168.1.135

End IP: 192.168.1.155

Network: 255.255.255.0

Gateway: 192.168.1.1

DNS1: 192.168.1.1

DNS2: 0.0.0.0

Check

Remove All

Remove All

Remove All

OK Cancel

Batch Reset Batch Reboot IP Batch Setting SN/2,SN/2 Batch Set Language Batch Sync Time Batch Set Password Batch Set video and audio encode

Upgrade Firmware DHCP IP Batch Manual Setting Browse... Smart detection

1. Click Start Search
2. Check in the desired camera
3. Click IP Batch Setting
4. Choose IP Batch Manual Setting
5. Change the IP address to the same Network segment with your router

Tips: If the gateway is 192.168.3.1, please change your ip address to 192.168.3.X (x=2 - 254)

6. Click Check to check whether the ip is usable. If it conflict with other device, please change another ip
7. Click OK

Tips: Reset password -> Batch Reset;
Video full-screen -> Double-click video;
Upgrade Firmware -> Select the check-box, click Browse then click File Upgrade.



WARMLY NOTICE

- ① No Signal or Picture when you plug to POE NVR?
- ② Can not enter into the Internet Explorer?

First step to Modify the IP address of the device.

Still Need Help?

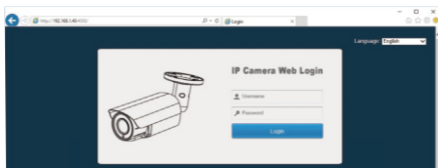
Mail us: support@anpvizsecurity.com

2. Access Camera Using PC Browser

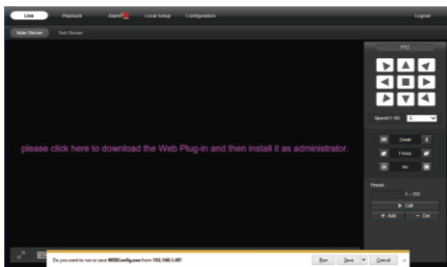
1. To access the web of the camera, please enter the IP address of the IP camera in the URL bar of the browser to access the login page.

Notice: Please modify IP address to the same subnet if login page can not load.

2.Login (Default username: admin, password: 123456)



3. If you use IE or Edge browser to log in, you need to follow the prompts to install the plug-in. Chrome or Firefox browsers do not require plugins to preview. Take IE browser as an example: When log in, when the red line pops up, click Download to install the Web Plug-in. You can also download and install WEBConfig.zip from Anpviz official website (www.anpvizsecurity.com) - Uprime series software tools.



4. Please restart or refresh your browser and access the IP again to view live video



If there is a delay in video response when accessing remotely, please switch to Sub Stream instead. To learn the function of each button, just put the mouse on, it will show screen tips.

Tips No Signal or Picture when you use it with PC?

► **Does the camera powered?**

It is required for a Power adapter (DC12V 1A or above), or a poe switch (48V). (**Notice:** A route without poe function will not power the camera)

► **Is the IP Address of the Camera in the same Network segment of the PC ?**

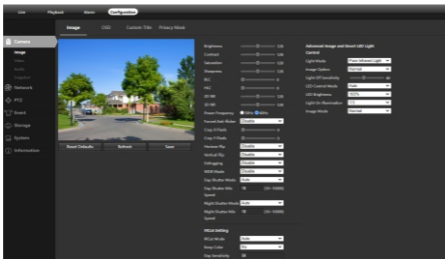
They must be in the same subnet, then it will work on web browser. You need to modify the IP Address of the Camera through Search Tool download:

http://www.anpvizsecurity.com/download/uprime-series_c0036

3.General Configuration

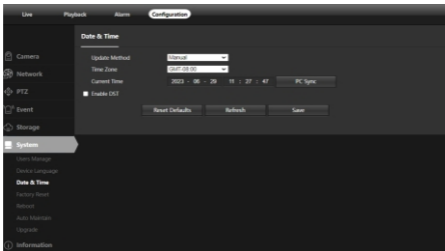
1)Configuration > Camera > Image

You can set Image, OSD, Custom Title, Privacy Mask and other function parameter settings. Such as contrast, brightness, WDR, image flip function, night vision switching mode and brightness adjustment, Power Frequency (50/60HZ), OSD display title, format, privacy mask area, etc.



2)Configuration > System > Time

Setup your time zone, time and DST.



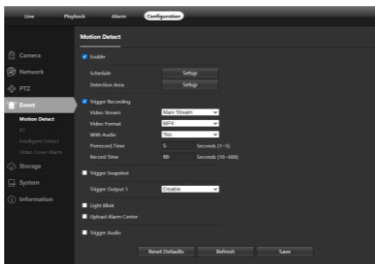
A. Select your Time Zone, and click PC Sync. Set up your DST (Time) if needed, click Save. (Time and date will reset to 2000-01-01 if camera restarts without NVR connected or memory card installed)

B. 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. DST is available if needed.

3) To enable Motion Detection Alarm

Notice: Motion Detection is enable by default.

➤ Configuration > Event > Video Detection



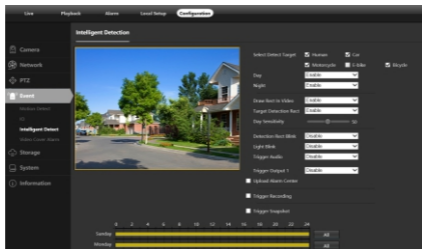
When Motion is detected, there is a small alarm light pup up beside the Alarm menu. You can also setup an email address or FTP storage server to receive the motion snapshot. (Trigger recording will work only if memory card or NFS NAS connected.)

4)To enable setup Smart Human /Vehicle Detection

Intelligent Human Detection and Vehicle Detection have the higher priority than general Motion detection. It can reduce the false alarm trigger than Motion.

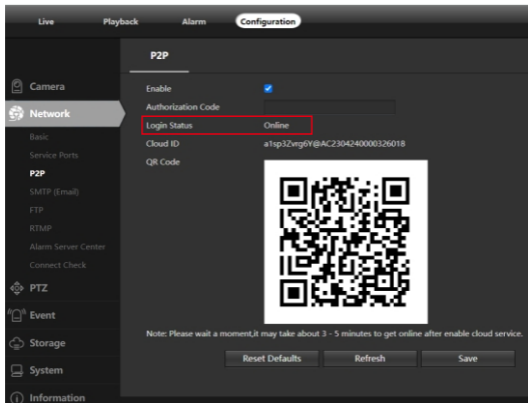
(Only some models support Human Detection and Vehicle Detection)

Notice:Human/Vehicle is enable by default.



5) To find the device Cloud ID and QR code for P2P remote access

➤ Configuration > Network > P2P



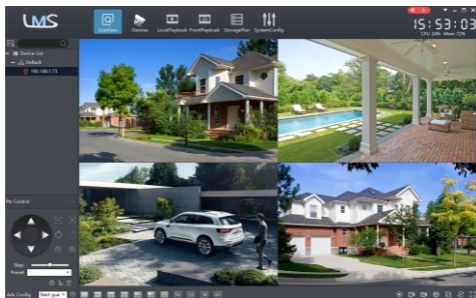
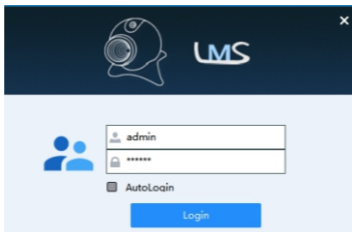
Using the P2P function, you can remotely access the camera from anywhere with a smartphone that can access the Internet. Please download and install the “**VideoLink**” App from the App Store or Google Play app store, register an account through your mobile phone, then log in and add your camera to start preview.

Tips:

If the Login Status shows Offline, please check your Internet connection and IP camera TCP/IP Network configurations. Please make sure to use a valid DNS server IP in the TCP/IP Network setting.

4.PC Client Software Access

Please download LMS client software from the www.anpvizsecurity.com
Uprime series download software to view camera on computer



1. Download and install LMS and log in
(LMS Default username: admin, password: 123456)
2. Click device management, start search, and add to LMS client
3. Enter the LiveView window, click on the device to watch the live video

5.Phone App add Preview

Download and Install the App

The PoE IP camera supports Android and iOS App.

Method 1:Download 'VideoLink' from App Store or Google Play.

Method 2:Scan APP QR code to download it. For your best experience, please scan the QR code below with your mobile phone, install the app, and follow the instruction to complete the user registration.

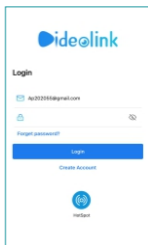
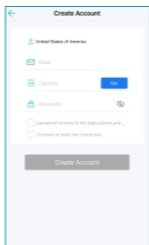
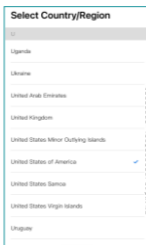
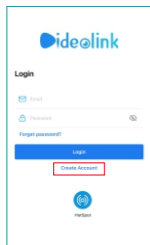


VideoLink



Register Account and log in

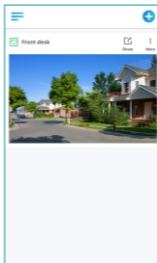
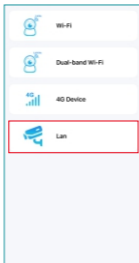
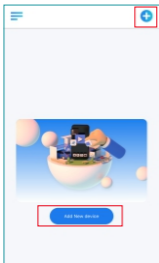
1. Tap Create Account to Register an New Account.
2. Select your country or region
- 3.Type in Email and set password, then tap Get, Check your Email for the verification code and input code, then click Next to successfull register and login



Add the Camera

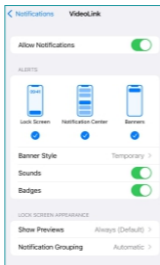
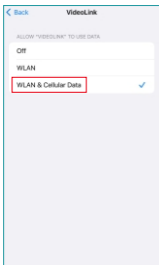
Tap + or Add NEW and select last menu LAN or Wired Connection to scan the camera QR code to add the camera. (Please select the correct option depending on your device type)

Note: Visit the web interface of the camera and enable the P2P function to view the QR code displayed by the camera

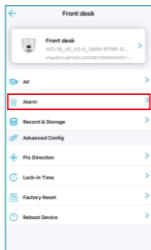


Alarm Notifications

1. You need to enable mobile cellular data and Wi-Fi access for Video Link and push notifications for Video Link App.

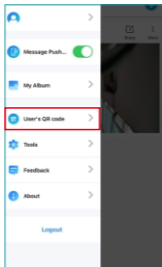
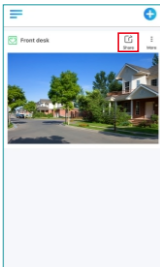


2. Then input the camera settings to enable the alarm function and Alarm push, and you can receive the alarm push notification normally.



Device Share

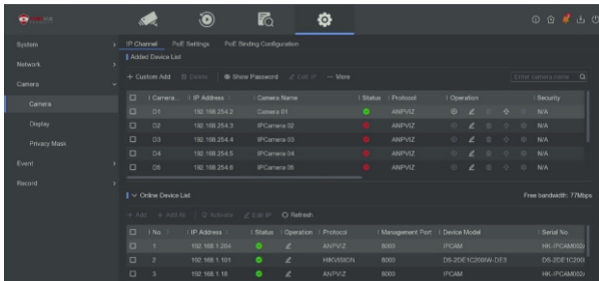
You can Share the camera to your family and friends preview. Click share, scan the User QR or manual input the Account email address, and then follow the steps to complete the share.



6. Working With NVRs

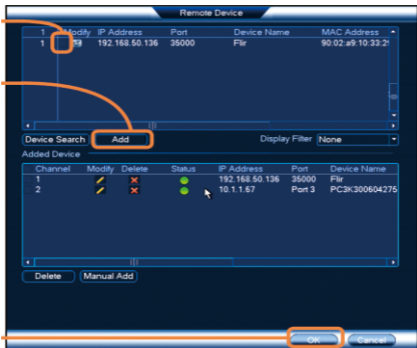
1. Connect IP Cameras to ANPVIZ NVRs

The Uprime Series PoE cameras can be plug and play with Anpviz NVR PoE.



2. Connect PoE Cameras to Third-party NVRs

1. Before pairing cameras to the NVR, make sure the NVR and cameras have valid and matching IP scheme.



Tips:

Some of the PoE NVR supports Plug & play, which allows you to get video without manually search and add. (Such as Hikvision, Uniview.) if Plug & play feature is not available or not compatible, please follow the NVR manual steps and select ONVIF protocol as the pairing protocol.

(camera default password: 123456)

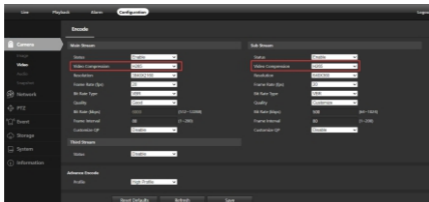
If the POE NVR can not discover the connected camera or can not display the camera video , please check it's internal POE interface IP configuration and make sure all connected cameras and NVR POE interface are in the same subnet scheme. For more help please contact the both NVR and IP camera suppliers for technical assistance.

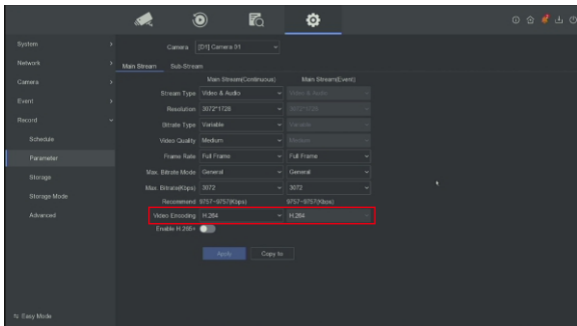
2) Dual H.265 & H.264

- ▶ This camera supports Dual H.265 & H.264 Code. Built in standard ONVIF protocol, can be added to third-party video recorder.
- ▶ The H.265 encode cameras can compress the video data to a very low bit rates which save at least 50% video data storage than normal H.264 camera.

Notice: Only configure the camera to H.265 mode when your NVR supports H.265. If your NVR only support H.264, Please modify the main stream and sub stream to H.264. Otherwise, there will be no image.

➤ Configuration > Camera > Video-Encode



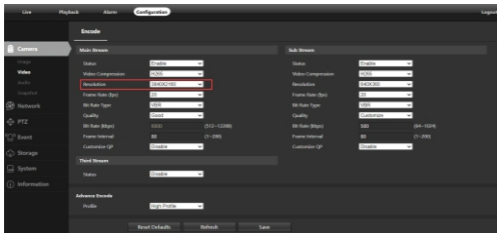


3) Modify IP address

Notice: The IP Address of the camera must be in the same subnet of your NVR. Please refer to the NVR user manual of your NVR to confirm the IP address Subnet.

4) Resolution of Camera

- ▶ The recording resolution of NVR must be compatible with the resolution of camera. If the NVR only support 1080P, You must modify the resolution of the camera to be compatible with NVR.
- Configuration > Camera > Video > Resolution



Tips:

No Signal or Picture when you plug to POE NVR. That is not defect. You just need to do Check the resolution of NVR.

Does it NVR support 5.0MP or above?

Some old NVRs only support 1080P input. So you need to modify the resolution of the camera through web interface of camera.

Does your NVR support H.265 compression?

Some old NVRs only support H.264. If camera default to H.265, you need to modify the main stream and sub stream to H.264 to compatible with NVR.

Is the IP Address of the Camera in the same Network segment of the NVR?

If using onvif protocol, this is very important. You need to modify the IP Address of the Camera through Search Tool download from

http://www.anpvizsecurity.com/download/uprime-series_c0036.

7.FAQs

1. Why can't I open the default IP address via web browser?

The camera is working at DHCP mode by default, it will obtain the IP settings from router automatically. Please install the IP search tool to find the camera's IP address. Camera IP address will be 192.168.0.123 if no router in the LAN.

2. Why can't I find the IP of the camera through the search tool?

- 1) Check whether the power supply of the camera is normal, It is required for a Power adapter(DC12V/1A or above), or a PoE switch(DC 48V/52V)
- 2) Whether the camera and PC are in the same subnet (eg.PC:192.168.1.x, and IP camera:192.168.1.y)
- 3) Please contact the manufacturer to solve

3. How to reset the camera password?

The default Username is admin, Password is 123456.

If you lost the password or would to reset the camera's setting, please install the search tool to search the camera IP and click Reset factory button.

4. How to upgrade the IP camera?

- 1) Go to Anpviz official website to download Uprime firmware or consult technical support.
- 2) You can use the web browser, search tool, or PC client to upgrade the camera,
- 3) go to the Configuration > System > update, click browse and select the firmware, then click Upgrade button and wait for the operation to complete.

5. How to fetch the Camera RTSP video stream ?

The camera can be accessed via the VLC player. Blue Iris, tinyCam and other software that supports RTSP.

rtsp://<username>:<password>@<IP address of camera>:<RTSP port>/stream(0 or 1)

- 1) Main Stream: rtsp://admin:123456@IP:554/stream0
- 2) Sub Stream: rtsp://admin:123456@IP:554/stream1

6. Why does the NVR not show image after adding IP camera?

- 1) Make sure you selected the right protocol and enter the correct username and password when adding the cameras
 - 2) Make sure the NVR and IP camera are the same IP subnet.(eg. NVR:192.168.1.x, and IP camera:192.168.1.y)
- Try changing the camera encode mode to H.264 if the NVR can't support H.265.
(Configuration -> Camera -> Video > Encode mode: H.264)

7. How to make the NVR record in motion detection mode?

- 1) add the IP camera via ONVIF protocol
 - 2) change the NVR record mode to Motion Detection mode
 - 3) check the NVR screen Motion icon and try playback
- Please refer to your NVR manual for NVR motion record option.

8. Where can i control the motorized auto focus lens zoom?

- 1) Using the camera's web interface or client software
- 2) Control zoom by mobile app
- 3) Find the PTZ menu in your NVR to control lens zoom

9. Which kinds of third-party VMS software can be compatible with?

Milestone, Avigilon, Blue Iris, iSpy, Synology, Pelco VxToolbox, Digifort etc



YouTube



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🏢 : Anviz Security Electronic Ltd

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