



Unlimited New View

How to Change a Uniview NVR's Network Settings?



Title:	How to Change a Uniview NVR's Network Settings?	Version:	V1.1
Product:	NVR	Date	9/26/2023

How to Change a Uniview NVR's Network Settings?

Description

Note: This method is applicable to most of the scenarios encountered problems, if the method still cannot solve your problem, it is recommended to consult our Tech Support Team.

https://global.uniview.com/Support/Service_Hotline/

Preparation

Connect the NVR to the network so that it can communicate with other devices such as your computer.

Operating Steps

1. Change from web interface directly.

Step 1 Log into the NVR's web interface.

Step 2 Configure Ethernet parameters.

Setup>Network>Network

There are generally two ways for **the IP address** to be assigned: **Static** and **DHCP**.

Note:

Static Address: The device is assigned an IP address manually (Enter the IP address, subnet mask, and default gateway address. Make sure that the IP address of the NVR is unique in the network).

DHCP: (Dynamic Host Configuration Protocol) is enabled by default. If a DHCP server is deployed in the network, the NVR can automatically obtain an IP address from the DHCP server.

You can also change the other parameters such as MTU here.

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Note:

1. After you change the IP address, you need to log in again with the new IP address.
2. Network settings also can be configured from the NVR's GUI under **Menu>Network>Basic>TCP/IP**.

2. Change from EZTools

If you are using **EZTools 3.0**, follow the guide below:

Note: When you log in for the first time or when the device list is empty, the tool will automatically search for devices on the same network segment as the PC and then list the discovered devices.

Step 1 Add the NVR to management.

Step 1.1 Click **Search**. A page as shown below appears. The devices on the same network segment as the computer are listed.

Device Name	Model	IP	Port	Version	Serial No.	MAC	Status	Operation
XVR301-04Q3	XVR301-04Q3	172.1.90.23	80	XVR-B35			Not Added	+ ♀
NVR501-08B-P8	NVR501-08B-P8	172.1.90.24	80	NVR-B361			Not Added	+ ♀

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Note: The search page always appears when you log in for the first time or when no devices have been added.

Step 1.2 (Optional) Set search conditions including network segment, device type, and status, and then click **Search**.

Step 1.3 Choose a way to add devices.

Add devices in batches: Select devices you want to add, and then click **Batch Add**.

Add one device: Click the corresponding in the **Operation** column.

Step 1.4 Confirm the username and password and then click **OK**. If you changed the username/password of a device before successfully adding it to the tool, the tool will remember the new username/password, and will use them when you add the device again next time.

Step 1.5 The tool displays a message after completing the adding. If a device failed to be added, click **View Failure Details** to see the cause of failure. You can modify settings in the list and then import again.

Step 2 Modify the network parameters of a device manually or by using Dynamic Host Configuration Protocol (DHCP).

Step 2.1 Choose a method to open the Modify IP page.

Method 1: Select the device, and then click **Modify Network Parameters**.

The screenshot shows the EZTools interface. On the left, the 'Device Management' menu is highlighted. The main area shows a table of devices with one device selected. The 'Modify Network Parameters' dialog box is open, showing the following details:

IP(old)	IP(new)	Subnet Mask	Gateway	Username	Password	Device Status
172.1.90.24	172.1.90.24	255.255.0.0	172.1.0.1	admin	••••••	Logged in

Method 2: Click **Search**. On the **Search to Add** page, select the device for which you want to modify IP, and then click **Modify Network Parameters**.

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The screenshot shows the EZTools interface with the 'Device Management' sidebar on the left. The main area displays a list of devices. A red box highlights the 'Modify Network Parameters' button in the top toolbar. Another red box highlights the 'Modify Network Parameters' button in the 'Search to Add' dialog. A third red box highlights the 'Modify Network Parameters' button in the device list table. The device list table is as follows:

Device Name	IP	Model	Version	MAC	Serial No.	Operation	Operation Status
NVR501-08B-P8	172.190.24	NVR501-08B-P8	NVR-83613.37.53.230712	c4:79:05:37:#8ae	210235XHUN3237000001	✎	Login succeeded

Step 2.2 Choose **Static** or **DHCP** on the **Modify IP** page.

Static: Enter the IP (for multiple devices, enter an IP address range), subnet mask, and gateway.

DHCP: IP address will be assigned dynamically.

Step 3 Click **OK**. Check the **Device Status** column to see whether the modification is successful.

The screenshot shows the 'Modify IP (172.1.90.24)' dialog box. The 'Mode' is set to 'Static'. The configuration fields are:

- New IP: 172 . 1 . 90 . 224
- Subnet Mask: 255 . 255 . 0 . 0
- Gateway: 172 . 1 . 0 . 1

The table below shows the modification details:

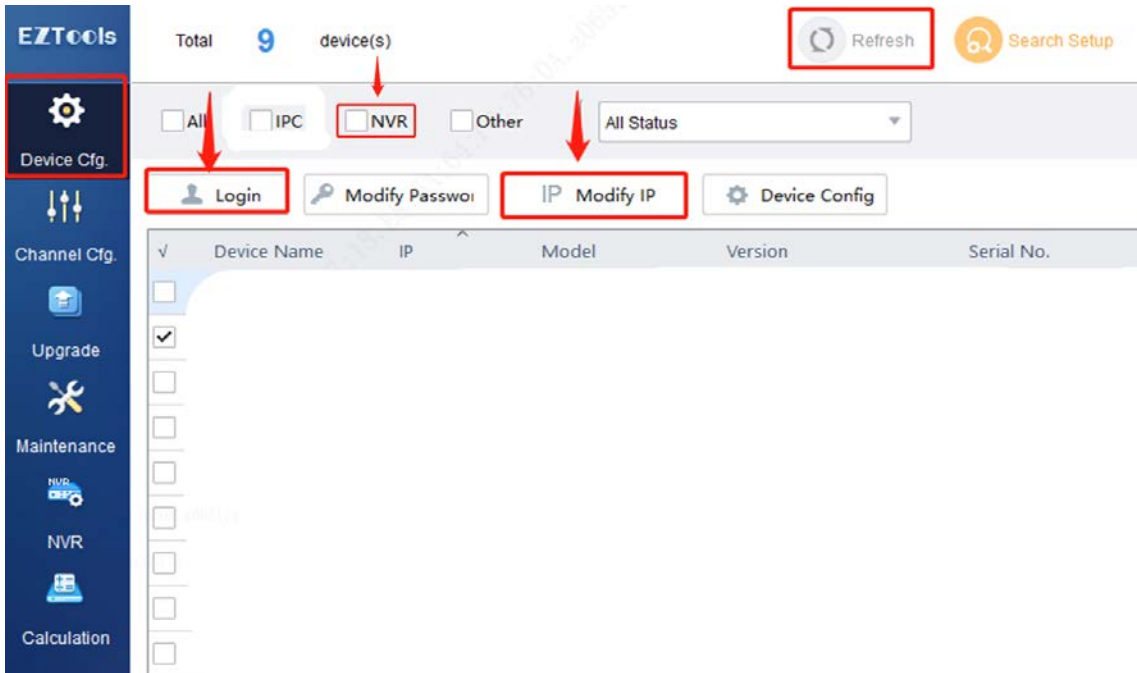
IP(old)	IP(new)	Subnet Mask	Gateway	Username	Password	Device Status
172.1.90.24	172.1.90.224	255.255.0.0	172.1.0.1	admin	●●●●●●	Modification succeeded

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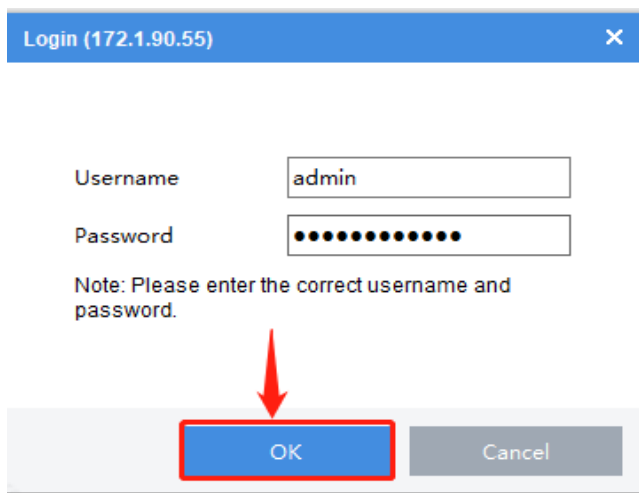
If you are using **EZTools 2.0**, follow the guide below:

Step 1 Open **EZtools 2.0** and check the NVR that you need to change the network settings with.

Step 2 Click **Refresh** to search for the NVR, **check NVR** under **Device Cfg.** to find the NVR in the local network.



Step 3 Click **Login** and then enter the **login credentials of your NVR**. Click **OK**.



Step 4 Click **Modify IP**, and then you can **enter the NVR's New IP, Subnet Mask** and **Gateway**. Don't forget to click **OK** to save these settings.

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Modify IP (172.1.90.55)
✖

New IP:

Subnet Mask:

Gateway:

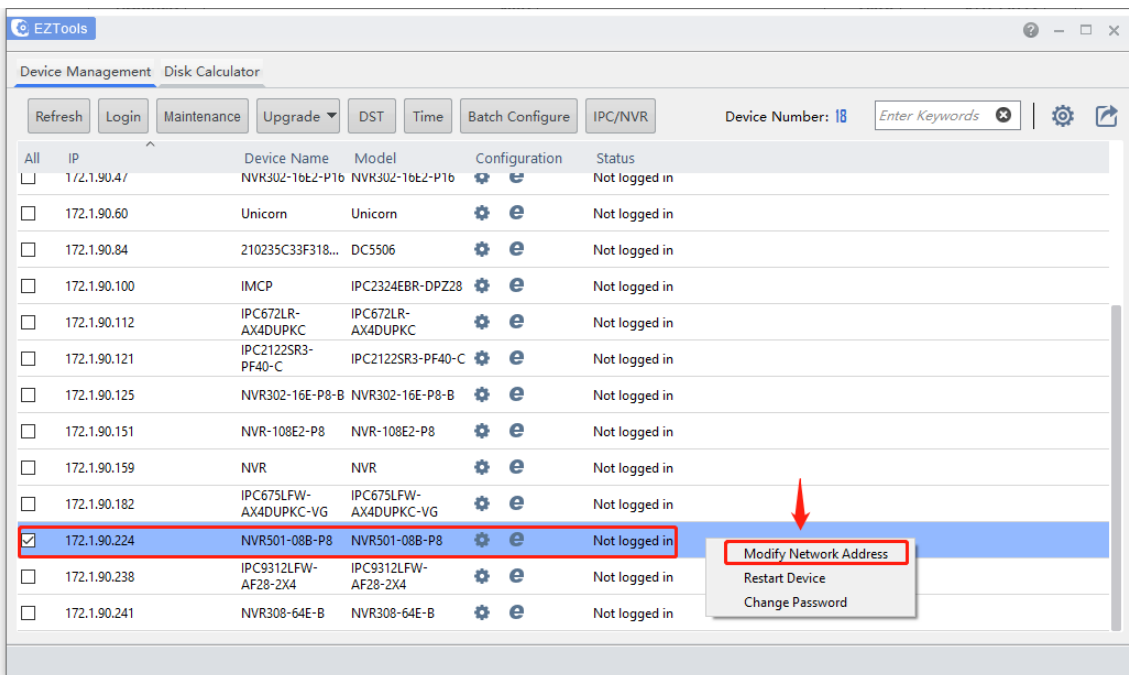
IP(old)	IP(new)	Subnet Mask	Gateway	Username	Password	Operation Status
172.1.90.55				admin	ar	Logged in

OK
Cancel

If you are using EZTools 1.0, follow the guide below:

Step 1 Install **EZtools 1.0** on your computer and open it. Check the NVR that you need to change the network settings with.

Step 2 Right click the mouse and then click on **Modify Network Address**.



Step 3 Enter the **IP Address**, **Subnet Mask** and **Gateway**, **Username** and **Password** of the **NVR** manually and then click **OK**.

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Modify Network Address
✕

IP Address

Subnet Mask

Gateway

Username

Password

Note: You can check the **Status** column to see whether the modification is successful or not.

EZTools
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Device Management
Disk Calculator

Device Number:

All	IP	Device Name	Model	Configuration	Status
<input type="checkbox"/>	172.1.90.4	NVR302-16E2-P16	NVR302-16E2-P16		Not logged in
<input type="checkbox"/>	172.1.90.60	Unicorn	Unicorn		Not logged in
<input type="checkbox"/>	172.1.90.84	210235C33F318...	DC5506		Not logged in
<input type="checkbox"/>	172.1.90.100	IMCP	IPC2324EBR-DPZ28		Not logged in
<input type="checkbox"/>	172.1.90.112	IPC672LR-AX4DUPKC	IPC672LR-AX4DUPKC		Not logged in
<input type="checkbox"/>	172.1.90.121	IPC2122SR3-PF40-C	IPC2122SR3-PF40-C		Not logged in
<input type="checkbox"/>	172.1.90.125	NVR302-16E-P8-B	NVR302-16E-P8-B		Not logged in
<input type="checkbox"/>	172.1.90.151	NVR-108E2-P8	NVR-108E2-P8		Not logged in
<input type="checkbox"/>	172.1.90.159	NVR	NVR		Not logged in
<input type="checkbox"/>	172.1.90.182	IPC675LFW-AX4DUPKC-VG	IPC675LFW-AX4DUPKC-VG		Not logged in
<input checked="" type="checkbox"/>	172.1.90.24	NVR501-08B-P8	NVR501-08B-P8		Modification succeeded