

How to Change a Uniview NVR's Network Settings?



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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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|--------------|--------|---------------------------|---|----------|-----------|
| Title: | How to | Change a Uniview NVR's Ne | twork Settings? | Version: | V1.1 |
| Product: | | NVR | | Date | 9/26/2023 |
| unv | | 📮 Live View 🔳 | Playback 🛱 S | Setup | 🎝 Smart |
| Client | * | TCP/IP | 1 | | |
| System | * | Select NIC | | ī | |
| Camera | * | | | | |
| Storage | * | Enable DHCP | ● On ○ Off | | |
| Alarm | * | IPV4 Address | 172.1.90.24 | | |
| Alert | * | IPv4 Subnet Mask | 255.255.255.0 | | |
| Network | * | IPv4 Default Gateway | 172.1.90.1 | _ | |
| ► TCP/IP | | IPv6 Mode | Router Advertisement | | |
| PPPoE | | IPv6 Address | | | |
| EZCloud | | IPv6 Prefix Length | 64 | | |
| DDNS | | IPv6 Default Gateway | : | | |
| Port | | MAC Address | CONTRACTOR OF STREET, | | |
| Port Mapping | | MTU | 1500 |] | |
| Email | | | | 1 | |
| Multicast | | Preferred DNS Server | 8.8.8.8 | | |
| Custom Route | | Alternate DNS Server | 8.8.4.4 | | |
| Platform | ~ | | | _ | |
| Fidtioffi | * | PoE NIC IP Addr. | 172.16.0.1 | | |
| User | ₩ | Save | | | |
| Maintenance | * | | | | |
| Upgrade | * | | | | |

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.

| Search to Add | | | | | | | | × | | | |
|--|-------------------------|-------------|------|-------------|------------|---------|-----------|-----------|--|--|--|
| IP Address 0 . 0 . | 0.0 - 0 | . 0 . 0 | 0 | Device Type | All | ▼ Statu | s All | • | | | |
| Keyword Please enter keywords Q Search Reset | | | | | | | | | | | |
| + Batch Add 🖉 Mod | lify Network Parameters | | | | | | | | | | |
| √ 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 | + & | | | |



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

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**.

| EZTools | Total | 1 device | (5) | | | | | | English | × <u>≙</u> ⊘ - □ × |
|----------------------|------------|--------------|-----------------|--------------------|------------------|----------------|-----------------|----------------|-----------------|-------------------------|
| ٢ | Device Typ | All | | • | Keyword Please e | enter keywords | Q | | | |
| Device Management | C Re | fresh | Search + A | id 🖉 Ed | it 🗍 Dele | ete | eck for Updates | Device Upgrade | Channel Upgrade | , Export Upgrade Report |
| 0 | Chan | ge Password | | neters (ූරි Config | ৰু ঠ্ৰেই Syste | m Config 🔻 | | ∞∞ More 💌 | | Selected: 1 device(s) |
| NVR | √ Dev | rice Name | IP M | odel \ | ersion | MAC | Seria | l No. | Operation | Operation Status |
| | ✓ NV | R501-08B-P8 | 172.1.90.24 N | VR501-08B-P8 | NVR- | | | _ | | Login succeeded |
| | | Mode: | Static ODHC | P | | | | | | |
| Carculation | | New IP: | 172 . 1 . 90 . | 24 | | | | | | |
| | | Subnet Mask: | 255 . 255 . 0 . | 0 | | | | | | |
| | | Gateway: | 172 . 1 . 0 . | 1 | | | | | | |
| | | 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 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| APP Center | C:76:D/ | | | | | | | | | |
| | | | | | | | _ | | | |
| | | | | | | | | OK Cancel | | |

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**.



| Tit | le: | | How to Cl | hange a Ur | niview | v NVR's Network Set | ttings? | Version: | V1.1 |
|------------|-------------|-----------------------------|-----------------------|--------------|-----------|-------------------------------|-------------------------|--------------------------------|-------------------------|
| Prod | luct: | | | | N | VR | | Date | 9/26/2023 |
| EZTools | Tot | al <mark>1</mark> device(s) | | | | | | English | ~ <u>≙</u> ⑦ − □ × |
| Device | Device | Type All | • | Ke | yword | Please enter keywords | Q | | |
| Management | G | Refresh Q Search | + Add | 🖉 Edit | Ī | Delete | Updates 🗮 Device Upgrad | de 🟦 Channel Upgrade 🔿 | , Export Upgrade Report |
| | 60 | change Password 🖉 Modi | fy Network Parameters | ේ ැබු Config | • | ĝ3 System Config 💌 ⊥ | Export 🛛 👓 wore 👻 | | Selected: 1 device(s) |
| NVR | v | Device Name IP | Model | Ver | sion | MAC | Serial No. | Operation | Operation Status |
| | < | NVR501-08B-P8 172 | .1.90.24 NVR50 | 1-08B-P8 NV | R-B3613.3 | 37.53.230712 c4:79:05:37:f8:a | e 210235XHUN3237000 | 001 🖉 🗟 🔿 🖯 | Login succeeded |
| += | Searc | h to Add | | | | | | | × |
| | IP Ad | dress 0 . 0 . 0 | . 0 — 0 | 0.0. | 0 | Device Type All | | Status All | v |
| | Keyw | Please enter keywor | rds Q | | | | | | Search Reset |
| | + | Batch Add 🥢 Modify N | letwork Parameters | | | | | | |
| | ~ | Device Name | Model | IP | Port | Version | Serial No. | MAC Statu | IS Operation |
| | | XVR301-04Q3 | XVR301-04Q3 | 172.1.90.23 | 80 | | | • N | ot Added + ° |
| | | NVR501-08B-P8 | NVR501-08B-P8 | 172.1.90.24 | 80 | 1000 B 1000 | Contract State | • A | dded Ç |
| | | XVR301-04Q | XVR301-04Q | 172.1.90.39 | 80 | | | • N | ot Added + °f |
| | | NVR302-16E2-P16 | NVR302-16E2 | 172.1.90.47 | 80 | | | • N | ot Added + P |
| | | Unicorn | Unicorn | 172.1.90.60 | 82 | | | • N | ot Added + ° |
| | | | DC5506 | 172.1.90.84 | 80 | | | • N | ot Added + P |
| | | IMCP | IPC2324EBR-D | 172.1.90.100 | 80 | | | • N | ot Added + ¥ |
| APP Center | <u>0.76</u> | IPCb/2LR-AX4DUPKC | IPC672LR-AX4 | 172.1.90.112 | 88 | | | • N | |

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.

| Modify IP (172. | .1.90.24) | | | | | × |
|-----------------|-----------------|-------------|-----------|----------|----------|------------------------|
| Mode: | Static OHC | P | | | | |
| New IP: | 172 . 1 . 90 . | 224 | | | | |
| Subnet Mask: | 255 . 255 . 0 . | 0 | | | | |
| Gateway: | 172 . 1 . 0 . | 1 | | | | • |
| 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 |
| | | | | | | |
| | | | | | | Close |



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

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, <u>check NVR</u> under **Device Cfg.** to find the NVR in the local network.

| EZTOOIS | Total 9 device(s) | | Ø Refresh | Search Setup |
|--------------|--------------------------|-----------------|---------------|--------------|
| Device Cfa. | | er 📕 All Status | • | |
| ļţ | 🔔 Login 🎤 Modify Passwoi | IP Modify IP | Device Config | |
| Channel Cfg. | √ Device Name IP | Model | Version | Serial No. |
| | | | | |
| Upgrade | ✓ | | | |
| * | | | | |
| Maintenance | | | | |
| | | | | |
| NVR | | | | |
| <u> </u> | | | | |
| Calculation | | | | |

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

| Login (172.1.90.55) | | × |
|-------------------------------------|------------------------|---|
| | | |
| | | |
| Username | admin | |
| Password | ••••• | |
| Note: Please enter the password. | e correct username and | |
| | , | |
| 0 | K Cancel | |

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

| Title: | | How to Chang | ge a Uniview N | /R's Network Set | tings? | Version: | V1.1 | |
|-------------------|---------|--------------|----------------|------------------|----------|------------------|-----------|--|
| Product: | | | NVR | | | Date | 9/26/2023 | |
| Modify IP (172.1. | 90.55) | | | | | | • | |
| New IP | 0. | 0.0.0 | | | | | | |
| Subnet Mask | 0. | 0.0.0 | | | | | | |
| Sateway | 0. | 0.0.0 | | | | | | |
| IP(old) | IP(new) | Subnet Mask | Gateway | Username | Password | Operation Status | | |
| 172.1.90.55 | | | | admin | ar | Logged in | | |
| | | | | | | | | |
| | | | | | | | | |

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.

| 💽 EZ | Tools | | | | | | | | 0 | - [| × |
|------|--|---|---|----------|-----------------|--|---|--------|---|-----|---|
| Devi | ce Management | Disk Calculator | | | | | | | | | |
| Re | fresh | Maintenance Upgrade 🔻 | DST Time | Batch | Configure | IPC/NVR | Device Number: 18 Enter Ke | ywords | 0 | ٢ | C |
| | IP 172.1.90.47 | Device Name NVR302-16E2-P16 | Model NVR302-16E2-P16 | Con 🗣 | figuration E | Status Not logged in | | | | | |
| | 172.1.90.60 | Unicorn | Unicorn | 0 | е | Not logged in | | | | | |
| | 172.1.90.84 | 210235C33F318 | DC5506 | ¢. | е | Not logged in | | | | | |
| | 172.1.90.100 | IMCP | IPC2324EBR-DPZ28 | ø | е | Not logged in | | | | | |
| | 172.1.90.112 | IPC672LR- AX4DUPKC | IPC672LR- AX4DUPKC | ¢ | е | Not logged in | | | | | |
| | 172.1.90.121 | IPC2122SR3- PF40-C | IPC2122SR3-PF40-C | ø | е | Not logged in | | | | | |
| | 172.1.90.125 | NVR302-16E-P8-B | NVR302-16E-P8-B | ø | е | Not logged in | | | | | |
| | 172.1.90.151 | NVR-108E2-P8 | NVR-108E2-P8 | ø | е | Not logged in | | | | | |
| | 172.1.90.159 | NVR | NVR | ø | е | Not logged in | | | | | |
| | 172.1.90.182 | IPC675LFW- AX4DUPKC-VG | IPC675LFW- AX4DUPKC-VG | ø | е | Not logged in | | | | | |
| | 172.1.90.224 | NVR501-08B-P8 | NVR501-08B-P8 | ۰. | е | Not logged in | Modify Network Address | | | | |
| | 172.1.90.238 | IPC9312LFW- AF28-2X4 | IPC9312LFW- AF28-2X4 | ø | е | Not logged in | Restart Device | | | | |
| | 172.1.90.241 | NVR308-64E-B | NVR308-64E-B | 0 | е | Not logged in | Change Password | | | | |
| | | | | | | | | | | | |
| | 172.1.90.224 172.1.90.238 172.1.90.241 | AX4DUPKC-VG NVR501-08B-P8 IPC9312LFW- AF28-2X4 NVR308-64E-B | AX4DUPKC-VG NVR501-08B-P8 IPC9312LFW- AF28-2X4 NVR308-64E-B | 0 0 | e e e | Not logged in Not logged in Not logged in Not logged in | Modify Network Address Restart Device Change Password | | | | |

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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|------------------------|---------------------|----------|------|-----------|
| Title: How to | gs? | Version: | V1.1 | |
| Product: | NVR | 0 | Date | 9/26/2023 |
| Modify Network Address | | × | | |
| IP Address | 172 . 1 . 90 . 24 | | | |
| Subnet Mask | 255 . 255 . 255 . 0 | | | |
| Gateway | 172 . 1 . 90 . 1 | | | |
| Username | admin | | | |
| Password | •••••• | | | |
| | OK | ncel | | |

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

| C EZTools | | | | | | | | | | - | □ × |
|-----------------------------------|--------------|---------------------------|---------------------------|-------|------------|------------------------|-----------------|----------------|---|---|-----|
| Device Management Disk Calculator | | | | | | | | | | | |
| Re | efresh Login | Maintenance Upgrade 🔻 | DST | Batch | Configure | IPC/NVR Der | vice Number: 18 | Enter Keywords | 0 | ٢ | |
| All | IP | Device Name | Model | Con | figuration | Status | | | | | |
| | 1/2.1.90.47 | NVR302-16E2-P16 | NVR302-16E2-P16 | 8 | e | Not logged in | | | | | |
| | 172.1.90.60 | Unicorn | Unicorn | ø | е | Not logged in | | | | | |
| | 172.1.90.84 | 210235C33F318 | DC5506 | 0 | е | Not logged in | | | | | |
| | 172.1.90.100 | IMCP | IPC2324EBR-DPZ28 | 0 | е | Not logged in | | | | | |
| | 172.1.90.112 | IPC672LR- AX4DUPKC | IPC672LR- AX4DUPKC | 0 | е | Not logged in | | | | | |
| | 172.1.90.121 | IPC2122SR3- PF40-C | IPC2122SR3-PF40-C | 0 | е | Not logged in | | | | | |
| | 172.1.90.125 | NVR302-16E-P8-B | NVR302-16E-P8-B | 0 | е | Not logged in | | | | | |
| | 172.1.90.151 | NVR-108E2-P8 | NVR-108E2-P8 | 0 | е | Not logged in | | | | | |
| | 172.1.90.159 | NVR | NVR | • | е | Not logged in | | | | | |
| | 172.1.90.182 | IPC675LFW- AX4DUPKC-VG | IPC675LFW- AX4DUPKC-VG | 0 | е | Not logged in | | | | | |
| | 172.1.90.24 | NVR501-08B-P8 | NVR501-08B-P8 | • | е | Modification succeeded | | | | | |