

# How to Add Cameras to a Uniview Non-PoE NVR?



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### Description

**Note:** This method is applicable to most of the scenarios, if the method still cannot solve your problem, it is recommended to consult our Tech Support Team. <u>https://global.uniview.com/Support/Service\_Hotline/</u>

## **Operating Steps**

#### Add from NVR's GUI

**Step 1** Check the Hardware connection and topology.



**Step 2** Check and make sure that the IP address of all cameras and the NVR are in the same network segment.

#### Note:

1. The NVR may have multiple IP addresses, it depends on which NVR NIC/ Ethernet port the cameras are connected to.

2. The IP address of NVR can be found in Menu>Network>TCP/IP.

|              |          |        |                    |     | Network              |   |
|--------------|----------|--------|--------------------|-----|----------------------|---|
|              | Basic    | TCP/IP | EZCloud DDNS       |     |                      |   |
| ∟√<br>Camera | Platform |        | Working Mode       |     | Multi-address        | ~ |
| $\sim$       |          |        | Select NIC         |     | NIC1                 | ~ |
| $\odot$      | Advanced |        | Enable DHCP        |     | <u> </u>             | 2 |
| VCA          |          |        | IPv4 Address       |     | 172 . 1 . 90 . 101   |   |
|              |          |        | IPv4 Subnet Mask   |     | 255 . 255 . 0 . 0    |   |
|              |          |        | IPv4 Default Gatew | ay  | 172 . 1 . 90 . 1     |   |
| Network      |          |        | IPv6 Mode          |     | Router Advertisement | ~ |
| <u>~</u>     |          |        | IPv6 Address       |     |                      |   |
|              |          |        | IPv6 Prefix Length |     | 64                   |   |
| System       |          |        | IPv6 Default Gatew | ay  |                      |   |
| പ്ര          |          |        | MAC Address        |     |                      |   |
| Backup       |          |        | MTU(Bytes)         |     | 1500                 |   |
|              |          |        | Preferred DNS Serv | /er | 8 . 8 . 8 . 8        |   |
|              |          |        | Alternate DNS Serv | 'er | 8.8.4.4              |   |
| Storage      |          |        | Default Route      |     | NIC1                 |   |



**Step 3** You can either click **Add All** to add all discovered cameras or click **Custom Add** to enter the IP address of the camera to manually add it. You may also click **Search Segment** and add discovered cameras in the list.

|             |              |            |                | - E            |                     | Camera    | i)      |              |         |         |          |                |         |  |
|-------------|--------------|------------|----------------|----------------|---------------------|-----------|---------|--------------|---------|---------|----------|----------------|---------|--|
| <u>ر</u> يا | Camera       | Camera Fi  |                |                |                     |           |         |              |         |         |          |                |         |  |
| Camera      | Encoding     |            | 💠 Ad           | d All 🛛 📑      | - Custom Add        | đ         | Delete  | 11 Sort Came | ra O    | Refresh | Qs       | Search Segment | 88      |  |
|             |              | Camera     |                | IP Address     | Status              | Protocol  | Model   |              | Add/    | Del Car | m Config | Net Config     | Details |  |
| $\odot$     | Snapshot     | D1(IP C    | Camera 01)     | 172.1.90.151   |                     | Uniview   | IPC232  | 4EBR-DPZ28   |         |         |          |                |         |  |
| VCA         | OSD          |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| Notwork     | Image        |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| Network     | Privacy Mask |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| Ô           | 1222         |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| System      | P12          |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| 2           |              |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| Backup      |              |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| Storger     |              |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| $\bigcirc$  |              |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| Storage     |              |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| $\wedge$    |              |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| Alarm       |              |            |                |                |                     |           |         |              |         |         |          |                |         |  |
|             |              |            |                |                |                     |           |         |              |         |         |          |                |         |  |
| 25          |              | Discovered | d Device(s):1, | Added Device(s | s):1:Idle Receive B | andwidth: | 320Mbps |              |         |         |          |                |         |  |
| Maintain    |              |            |                |                |                     |           |         |              |         |         |          |                |         |  |
|             |              | Auto Sw    | vitch to H.265 |                | Auto Switch to U-   | Code:     | Off     | OBasic       | OAdvanc | ed      |          |                | Exit    |  |
|             |              |            |                |                |                     |           |         |              |         |         |          |                |         |  |
|             |              |            |                |                | Add                 | IP Ca     | mera    |              |         |         | _        |                | _       |  |

| No.   | IP Address   | Status | Qty   | Model                      |   |
|-------|--------------|--------|-------|----------------------------|---|
| 1     | 192.168.1.32 |        | 1     | DS-2CD5026FWD              |   |
| 2     | 203.1.8.11   |        | 1     | IPC324ER3-DVPF36           |   |
| 3     | 203.1.8.167  |        | 1 8   | IPC322SR3-DVSPF28-B        |   |
| 4     | 206.0.0.127  |        | 1     | HIC5631-L                  |   |
| 5     | 206.0.0.130  |        | 1     | HIC3531-IR@D-IR1-F20-AU-VA |   |
| 6     | 206.0.0.134  |        | 1     | NVS-DM36X-HD               |   |
| Proto | ocol         | ONV    | IF    |                            | ~ |
| Proto | ocol         | ONV    | IF    |                            |   |
| Port  |              | 80     |       |                            |   |
| User  | name         | admi   |       |                            |   |
|       | word         | *****  | ***** |                            |   |
| Pass  |              |        |       |                            |   |

#### Add from NVR's web interface

**Step1** Click **Auto Search** on the NVR's web interface under **Setup>Camera> Camera**.

**Step 2** Select cameras (cameras which are not added) in the device list on the pop-up window, and click **OK**.



| Title  | Ho  | ow to Add Came                 | eras to a Univi                          | ew Non-PoE NVR?                                | ?            | ١                 | /ersion:                   | V1.1      |                  |
|--|---|--------------------------------|--|--|--------------|-------------------|----------------------------|-----------|------------------|
| Product  |   |                                | NVR                                      |  |              |                   | Date 9/                    | /26/2023  |                  |
| นกิง   | 🐺 Live View 🔳 P   | layback O Setup                |  |  |              |                   |                            |           | admin Logov      |
| Client 🗸                                       | Camera  | Advanced                       |  |  |              |                   |                            |           |                  |
| System ∀                                       |   | -                              |  |  |              |                   |                            |           |                  |
| Camera 🧄                                       | Auto Switch to H.265  | On Ott Note. Effective         | when first connected                     |  |              |                   |                            |           |                  |
| Camera<br>Encoding<br>OSD<br>Image<br>Schedule | Auto Switch to U Code (C<br>Refresh Modify<br>No. Camer<br>1 D1 | Delete Add<br>ra ID IP Address | Auto Search Search Search S<br>Rom<br>80 | egment<br>Note Camera ID Protocol<br>1 Uniview | Status<br>Di | Vender<br>UNIVIEW | Model<br>IPC672LR-AX4DUPKC | Configure | Access<br>Access |

| Client                         | ¥      | Camera       |       |           | Advan | ced    |          |      |      |          |         |                       |          |     |       |           |       |
|--------------------------------|--------|--------------|-------|-----------|-------|--------|----------|------|------|----------|---------|-----------------------|----------|-----|-------|-----------|-------|
| System                         | Y      |              |       |           |       |        |          |      |      |          |         |                       |          |     | 1     |           |       |
| amera                          |        | Auto Switch  | Auto  | Search    |       |        |          |      |      |          |         |                       |          |     |       |           |       |
| unifer u                       |        | Auto Switci  | 1     | Status    | IP A  | ddress | Configur | Port | Qty  | Protocol | Vendor  | Model                 | Serial N | la. |       |           |       |
| Camera                         |        | CONCEPTION A |       |           | 1     | .7     | 1        | 80   | 1    | Uniview  | UNIVIEW | IPC6322SR-X33UP-D     | 21/      | 01  |       |           |       |
| Encoding                       |        | Refresh      |       |           | 1     | .8     |          | 80   | 1    | Uniview  | UNIVIEW | IPC3614S8-ADF28KM-I0  | 210.     | 103 |       |           |       |
| OSD                            |        | 172          |       |           | 1     | 3      |          | 80   | 6    | ONVIE    | UNIVIEW | XVR301-04Q            | 21       | 18  |       | Canfinna  |       |
| Image                          |        | 2 No.        |       |           | 1.    | .60    |          | 82   | 208  | ONVIF    | -       | Unicorn               | 210;     | 05  | DUDKC | Configure | Autos |
| Schedule                       |        | (a) 1        |       |           | 1     | .00    |          | 80   | 2    | Uniview  | UNIVIEW | IPC9312LFW-AF28-2X4   | 21       | 58  | DUPKC |           | Accel |
| Motion                         |        |              |       | 10        | 1     | 34     |          | 80   | 1    | ONVIF    | UNIVIEW | DC5506                | 21/      | 34  |       |           |       |
| Video Loss                     |        |              |       |           | 1     | 16     | 1        | 80   | 1    | Uniview  | UNIVIEW | IPC675LFW-AX4DUPKC-VG | 21       | 83  |       |           |       |
| Tampering                      |        |              |       | Added     | 1     | .6     |          | 80   | 1    | Uniview  | UNIVIEW | IPC672LR-AX4DUPKC     | 210      | 12  |       |           |       |
| Privacy Mask<br>Human Body Det | ection |              |       |           |       |        |          |      |      |          |         |                       |          |     |       |           |       |
| ard Disk                       | Ŷ      |              |       |           |       |        |          |      | 1.25 |          |         |                       |          | _   |       |           |       |
| larm                           | v      |              | Found | B Selecti | ed:0  |        |          |      | 2    |          |         |                       |          |     |       |           |       |
| lert                           | (w)    |              |       |           |       |        |          |      | 1    | OK       | Cancel  |                       |          |     |       |           |       |
|                                |        |              |       |           |       |        |          |      | 1.0  |          |         |                       |          |     |       |           |       |

**Step 3** If the IP address of a camera fails to be detected then please do manually add. Enter the IP address of the camera and complete other settings, and then click **Add**. You may also click **Search Segment** and add discovered cameras in the list.

| บกิง               |   | 🖷 Live View 🔳 F                         | llayback 🗘 Setup       |                                 |                  |          |        |         |                   | 3         | dmin Logout |
|--------------------|---|---|------------------------|---------------------------------|------------------|----------|--------|---------|-------------------|-----------|-------------|
| Client             | ¥ | Camera                                  | Advanced               |                                 |                  |          |        |         |                   |           |             |
| System             | V |   |                        |                                 |                  |          |        |         |                   |           |             |
| Camera             | ٨ | Auto Switch to H.265                    | On Off Note: Effective | vhen first conne                | ected            |          |        |         |                   |           |             |
| Camera<br>Encoding |   | Auto Switch to U Code<br>Refresh Modify | Dff VNo                | e: Effective whe<br>Auto Search | Search Segment   |          |        |         |                   |           |             |
| lmane              |   | 🖌 No. Came                              | ra ID IP Address       | Port                            | Remote Camera ID | Protocol | Status | Vendor  | Model             | Configure | Access      |
| Schedule<br>Motion |   | ☑ 1 D                                   | 1                      | 00                              | 1                | Uniview  |        | UNIVIEW | IPC672LR-AX4DUPKC | 1         | Access      |

| unv                     |     | 📱 Live View 🔳       | Playback <b>O</b> Setup | admin Logout |
|-------------------------|-----|---------------------|-------------------------|--------------|
| Client                  | · v | Camera              | Advanced                |              |
| System                  | ¥   | <u>ı</u>            |                         |              |
| Camera                  |     | Protocol            | Uniview V               |              |
| + Comera                |     | IP Address          | 1 5                     |              |
| Encoding                |     | Port                | 80                      |              |
| OSD                     |     | Username            | admin                   |              |
| Image                   |     | Password            |                         |              |
| Schedule<br>Motion      |     | Total Camera Number | 1 🗸                     |              |
| Video Loss<br>Tampering |     | Search Save         | Cancel                  |              |