

How to connect H series or Other brand PoE Camera to U series NVR

Anpviz U series NVR can only plug and play with Uprime/U Series cameras. Some third-party brands PoE Camera may be cannot plug and play and need to be manual set and added. The operation is as follows

1. First activate your camera and set a password.

Note:You can skip this for already activated camera.

Example using H series cameras

A. Power on the camera and connect it to the same router as the computer with a network cable (instead of connecting the camera directly to the POE port of the NVR).

B. Install the SADP tool software, then Activate the camera.

The screenshot shows the SADP software interface. On the left, a table lists 12 online devices. Device 012, PTZIP204WX4IR, is highlighted with a red box and has an 'Inactive' status. On the right, a dialog titled 'Activate the Device' is open. It features a blue padlock icon and the text 'The device is not activated.' Below this, a blue box states 'You can modify the network parameters after the device activation.' The 'Activate Now' section contains fields for 'New Password:' and 'Confirm Password:', both highlighted with red boxes. There is also a checkbox for 'Enable HikConnect' and a red 'Activate' button at the bottom.

2. Check whether the camera DHCP and Onvif protocols are enabled

You can log in to the camera web or check through tools. Generally, cameras enable DHCP and onvif by default. Some brands need to enable it manually.

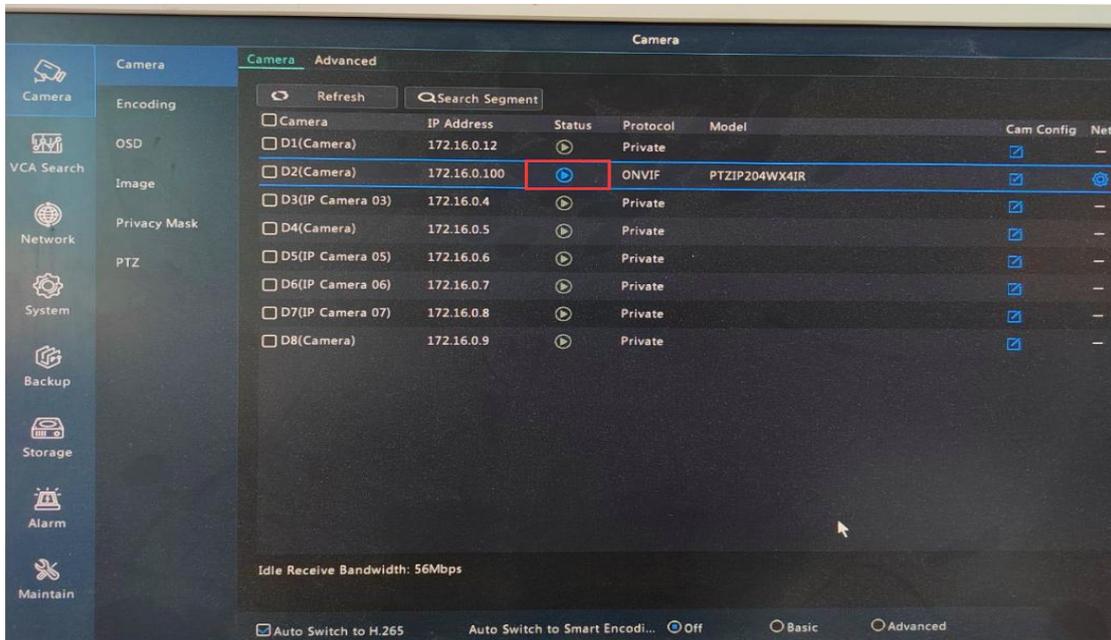
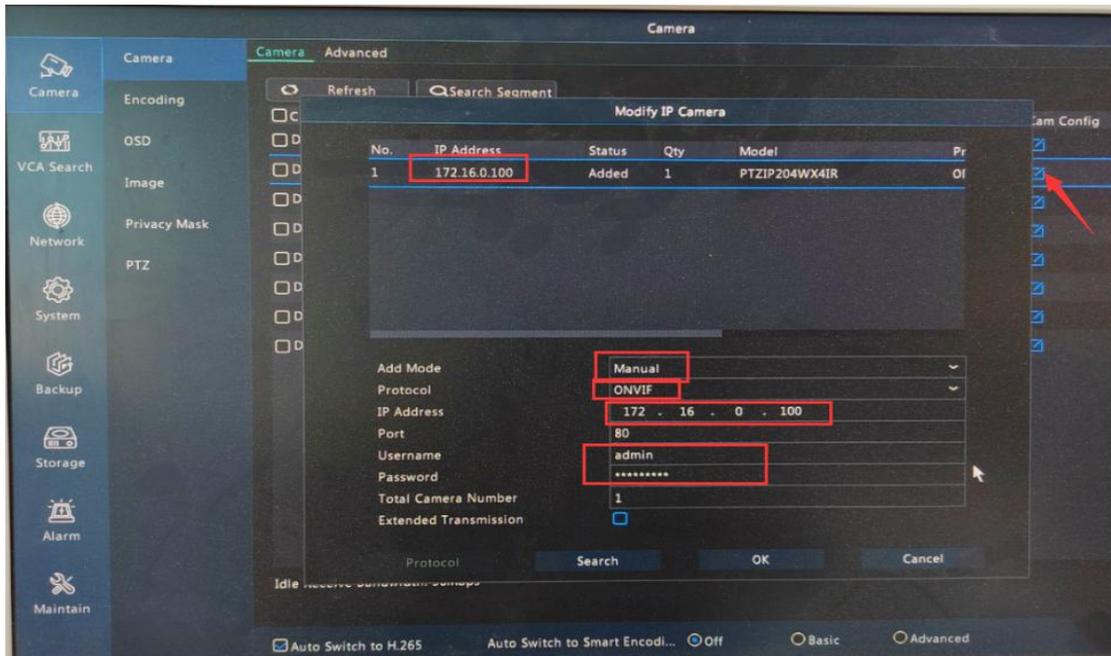
Note:You can enable the DHCP function or directly change the camera IP to the same subnet as the NVR POE network card: 172.16.0.X.

The screenshot shows the SADP software interface with the 'Modify Network Parameters' dialog open for device 005, PTZIP204WX4IR, which is highlighted with a red box. The 'Enable DHCP' checkbox is checked and highlighted with a red box. The 'Enable HikConnect' checkbox is unchecked. The dialog displays the following network parameters: Device Serial No.: PTZIP204WX4IR20220115C, IP Address: 172.16.0.12, Port: 8000, Enhanced SDK Service Port: 8443, Subnet Mask: 255.255.255.0, Gateway: 172.16.0.1, IPv6 Address: ::, IPv6 Gateway: ::, IPv6 Prefix Length: 64, and HTTP Port: 80. At the bottom, there is a 'Security Verification' section with an 'Administrator Password:' field (masked with dots) and a red 'Modify' button highlighted with a red box. A 'Forgot Password' link is visible at the bottom right.

3. Camera connected to NVR

Connect the activated camera to the NVR POE interface through a network cable and wait for about 1-2 minutes. After the camera starts, enter the **NVR Menu - Camera** management interface, **click Refresh**, the IP address of the camera will be refreshed and displayed, and then **click Edit** of the corresponding channel, select the camera and enter the password of the camera to connect normally, as shown in the figure

Note: If the camera IP cannot be search, you can manual enter the camera IP (172.16.0.X), protocol onvif, port 80, username and password, and then click OK.



4. Add LAN

To add an external POE powered camera, it just needs to be in the same subnet as the NVR IPV4 address. After searching for the camera IP, click Channel Edit to add it.

Note: NVR LAN IPV4 address can be viewed by entering the NVR menu and network settings.