



How to Add an LPR Camera to a Uniview NVR?

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Product	NVR	Date	9/26/2023

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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.

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

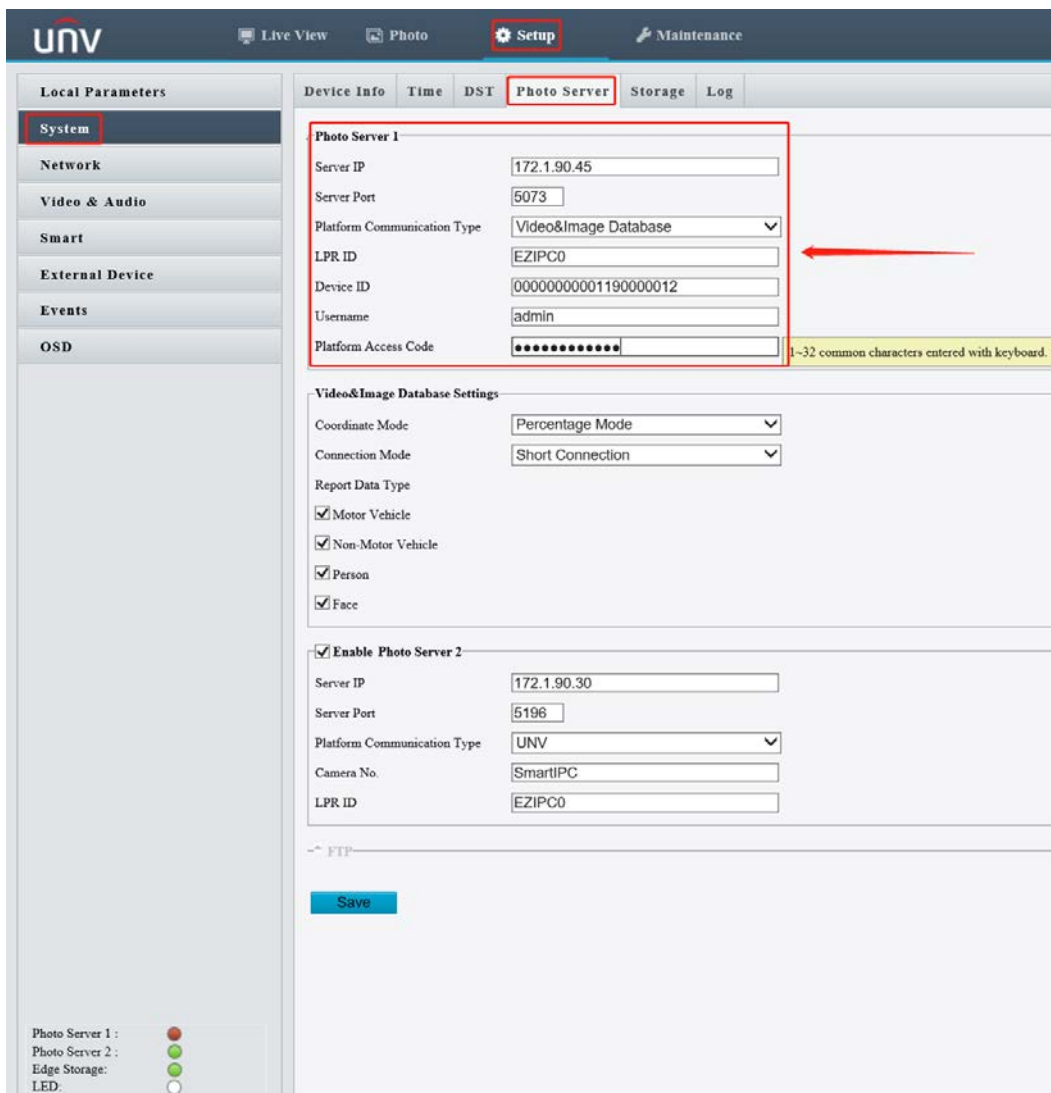
Preparation

Video guide:

https://www.youtube.com/watch?v=vmsjHWIPv3I&list=PLrBaKYrUJkiv_ShCVIqTelAsOxyFELjR&index=20

Operating Steps

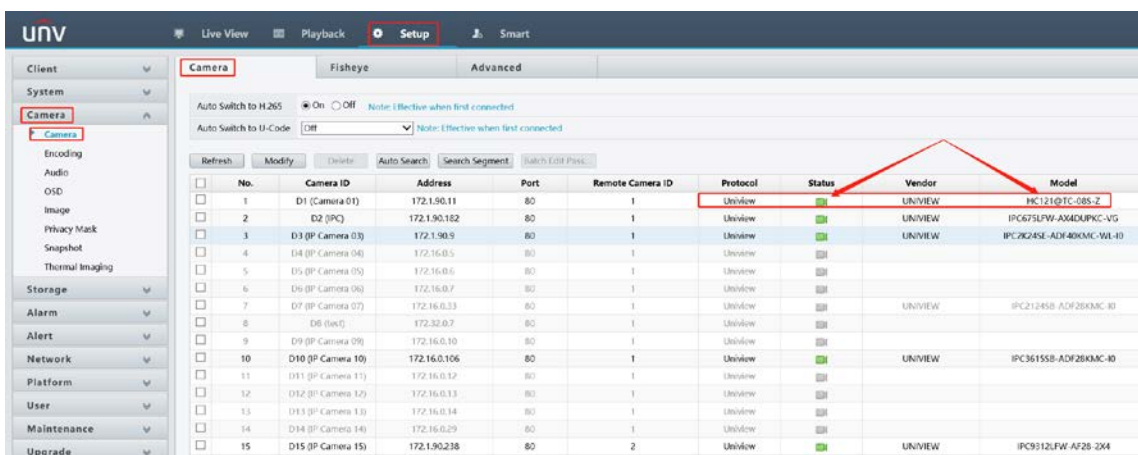
Step 1 Set up the LPR camera's Photo server (**Video & Image server**) on the camera's web interface under **Setup>System>Photo Server**.



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- Server IP: The IP address of the NVR (Depends on which NVR NIC the camera is connected to)
- Server port: The port of the Video & Image Database server, which is 5073
- Platform Communication Type: Video & Image database
- LPR ID: No requirement, but it needs to be unique on the same local network
- Device ID: 20 digits, which is unique on the local area network. The 11th to 13th digits have to be 119, but other numbers can be customized, eg , 0000000001190000012 .
- Username: Username of NVR
- Platform Access Code: Password of the NVR

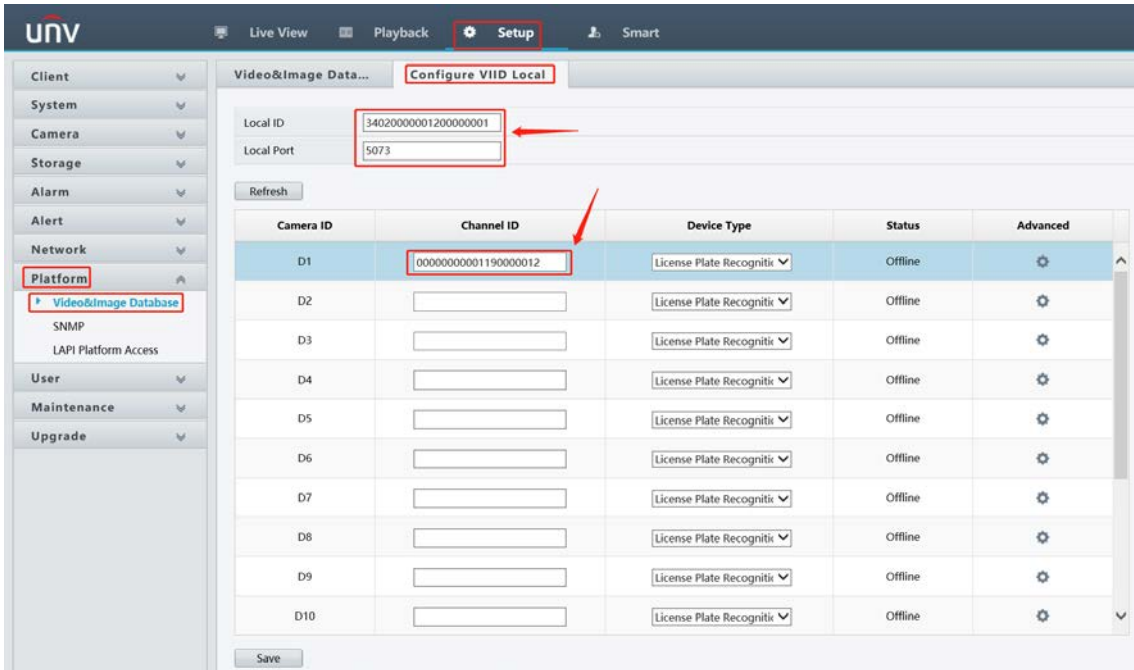
Step 2 Add the LPR camera on the NVR's web interface under **Setup>Camera>Camera**. Make sure the protocol is UNIVIEW, because the Video & Image database is only available when UNIVIEW protocol is used.



Step 3 Register the camera to the Video&Image Server of the NVR under **Setup>Platform>Video&Image Database>Configure VIID Local**.

Local ID contains 20 digits. The 11th to 13th digits should be 120, eg, 0000000001200000001. Make sure it is unique on the same local network. The local port for Video & Image server is 5073.

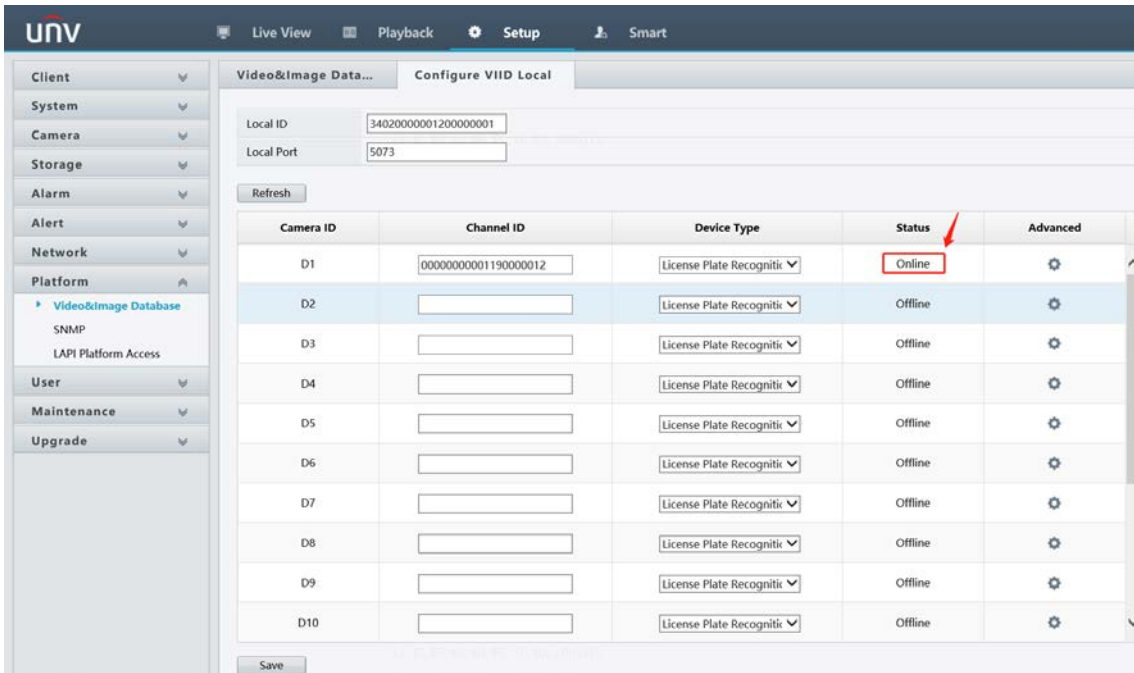
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Select an idle channel, such as D1 in this example. Click the Channel ID box and enter the Camera’s Channel ID, which is Device ID in Step 1. Click **Save**.

It will take 3-5 minutes for the LPR camera to get online here on the server.

You can check the status on the NVR as well as on the camera’s photo server page.



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The screenshot shows the UNV NVR Setup interface. The top navigation bar includes 'Live View', 'Photo', 'Setup', and 'Maintenance'. The left sidebar lists 'Local Parameters' with categories: System, Network, Video & Audio, Smart, External Device, Events, and OSD. The main content area is titled 'Photo Server 1' and contains the following configuration fields:

- Server IP: 172.1.90.45
- Server Port: 5073
- Platform Communication Type: Video&Image Database
- LPR ID: EZIPC0
- Device ID: 00000000001190000012
- Username: admin
- Platform Access Code: [Redacted]

Below these fields is the 'Video&Image Database Settings' section:

- Coordinate Mode: Percentage Mode
- Connection Mode: Short Connection
- Report Data Type:
 - Motor Vehicle
 - Non-Motor Vehicle
 - Person
 - Face

At the bottom of the main area, there is an 'Enable Photo Server 2' checkbox (unchecked) and an 'FTP' section. A 'Save' button is located at the bottom left of the main configuration area.

In the bottom left corner of the interface, there is a status bar with the following items:

- Photo Server 1: [Green indicator]
- Photo Server 2: [Green indicator]
- Edge Storage: [Green indicator]
- LED: [White indicator]

A red arrow points to the 'Photo Server 1' status indicator, which is highlighted with a red box.