

How to Add an LPR Camera to a Uniview 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>

Preparation

Video guide:

https://www.youtube.com/watch?v=vmsjHWIPv3I&list=PLrBaKYrUJkiv_ShCVIqTeIAs OxyFEljjR&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.

นกิง '	📕 Live View 🖃 Photo	🗘 Setup 🥻 Mainte	iance	
Local Parameters	Device Info Time DST	Photo Server Storage	Log	
System	Photo Server 1			
Network	Server IP	172.1.90.45		
Video & Audio	Server Port	5073		
Smart	Platform Communication Type	Video&Image Database	~	
	LPR ID	EZIPC0		
External Device	Device ID	0000000001190000012		
Events	Username	admin		
OSD	Platform Access Code	•••••	1~32 commo	n characters entered with keybor
	Video&Image Database Setting	5		
	Coordinate Mode	Percentage Mode	~	
	Connection Mode	Short Connection	~	
	Report Data Type			
	Motor Vehicle			
	Non-Motor Vehicle			
	Person			
	Face			
	Enable Photo Server 2			
	Server IP	172.1.90.30		
	Server Port	5196		
	Platform Communication Type	UNV	~	
	Camera No.	SmartIPC		
	LPR ID	EZIPC0		
	-* FTP			
aoto Server 1 : hoto Server 2 : dge Storage: ED:				



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Product	NVR	Date	9/26/2023

•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.

unv		🐺 Live	View	💷 Playback	O Setup Ja	Smart					
Client	~	Camer	a	Fisheye	Adv	anced					
System	v										
Camera		Auto S	witch to H.2	65 ⊛On ⊖Off	Note: Effective when first conn	ected					
E. Comera		Auto S	witch to U-C	ode Off	V Note: Effective wh	en first connected					
Encoding		Refre	sh M	odity Delete	Auto Search Search Segr	nent Natch Kdit	Pass			1	~
Audio			No.	Camera ID	Address	Port	Remote Camera ID	Protocol	Status	Vendor	Model
OSD			T	D1 (Camera 01)	172.1.90.11	80	1	Uniview	DI	UNIVIEW	HC121@TC-085-Z
Image			2	D2 (IPC)	172.1.90.182	80	1	Uniview		UNIVIEW	IPC675LFW-AX4DUPKC-VG
Privacy Mask			3	D3 (IP Camera 03)	172.1.90.9	80	1	Uniview		UNIVIEW	IPC2K24SE-ADF40KMC-WL-I0
Snapshot			4	D4 (IP Camera 04)	172.16.0.5	80	1	Uniview	BI		
Thermal Imaging			. 8	DS (IP Camera 05)	172.16.0.6	80	1	Uniview	831		
Storage	v		6	D6 (IP Camera O6)	172.16:0.7	80	1	Uniview	804		
Alarm	~		7	D7 (IP Camora 07)	172.16.0.33	80	1	Uniview	101	UNIVIEW	IPC212458-ADF28KMC-80
			8	D6 (test)	172.32.0.7	80	1	Uniview	101		
Alert	v		9	D9 (IP Camera 09)	172.16.0.10	80	1C	Uniview	201		
Network	4		10	D10 (IP Camera 10)	172.16.0.106	80	1	Uniview		UNIVIEW	IPC361558-ADF28KMC-I0
Platform			11	D11 (IP Camera 11)	172.16.0.12	100	1	Uniview	101		
1.000000000			12	D12 (IP Camera 12)	172.16.0.13	80	17	Uniview	131		
User	.¥		13	D13 (I ^{II} Camera 13)	172,16.0,14	80	1	Ltniview	101		
Maintenance	v		14	D14 (IP Camera 14)	172.16.0.29	80	1	Uniview	201		
Upprade	~		15	D15 (IP Camera 15)	172.1.90.238	80	2	Uniview		UNIVIEW	IPC9312LFW-AF28-2X4
		-	14					10.2.2		A COLUMN TO A C	THE REAL PROPERTY AND

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, 000000000120000001. Make sure it is unique on the same local network. The local port for Video & Image server is 5073.

Title		How to A	Version:	V1.1 9/26/2023		
Product			Date			
VN	ļ	📮 Live View 🖽 P	layback 🗢 Setup 🕹	Smart		
Client	v	Video&Image Data	Configure VIID Local			
System	~					
amera	4	Local ID 340	12000000120000001			
itorage	v	Local Port	*			
larm	¥	Refresh	1			
lert	~	Camera ID	Channel ID	Device Type	Status	Advanced
letwork	¥	D1	0000000001190000012	License Plate Recognitic 🗸	Offline	Ó
Video&Image D	A	D2		License Plate Recognitic V	Offline	0
SNMP						
LAPI Platform Ac	cess	D3		License Plate Recognitic 💙	Offline	¢
ser	v	D4		License Plate Recognitik 🗸	Offline	¢
laintenance	¥	D5		License Plate Recognitic 🗸	Offline	0
pgrade	~	D6		License Plate Recognitic 🗸	Offline	0
		D7		License Plate Recognitic V	Offline	0
		D8		License Plate Recognitic 💙	Offline	0
		D9		License Plate Recognitic 💙	Offline	0

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.

Client	¥	Video&Image Data	Configure VIID Local				
System	~						
Camera	v	Local ID	340200000120000001				
Storage	¥	Local Port	5073				
Alarm	¥	Refresh					
Alert	¥	Camera ID	Channel ID	Device Type	Status	Advanced	
Network	v	D1	0000000001190000012	License Plate Recognitic V	Online	0	~
Platform	•			[second rate for a grant]		-	-1
Video&Image Date	atabase	D2		License Plate Recognitic 🗸	Offline	¢	
SNMP LAPI Platform Access		D3		License Plate Recognitic 🗸	Offline	0	
User	¥	D4		License Plate Recognitic 💙	Offline	0	
Maintenance	¥	DS		License Plate Recognitic V	Offline	Ó	
Upgrade	¥						
		D6		License Plate Recognitic 🗸	Offline	0	
		D7		License Plate Recognitic 🗸	Offline	0	
		D8		License Plate Recognitik 💙	Offline	٥	
		D9		License Plate Recognitic 💙	Offline	0	
		D10		License Plate Recognitic V	Offline	0	~

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

