

The Intelligent Surveillance Solution

NUUO MainConsole & VIT Autocode LPR Integration Quick Installation Guide

V.1.0.0



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<The diagram of NUUO VMS and VIT Autocode LPR>



<Quick Installation Guide>

Setup 1 : [NUUO Mainconsole] Start NUUO VMS, go to *Config* and then go to *Network Service*.



Setup 2 : [NUUO Mainconsole] Enable *Live Streaming* service and *Remote Playback* service.



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e	Client Count	1	Kill	Kill All
	State IP	Camera	Bitrate (Kbps)	
	PLAY 192.168.4.132	7	209.9	
e				
	Service		Columb C	
	Server Status: Running		Start	Stop
	Options			
	Port:		5150 D	efault
	Maximum Connections:	[128	
	🔽 Use Default Web Ser	ver		
	Port	Γ	8080	
5	Save Log	LiveServ	erloa	
	Carble Audia	12.00000	51103	
	M Enable Audio			

Ę	Main Black / White List Pe	normance		
Live	User Count	0	Kill	Kill All
	IP User	В	itrate (Kbps)	
Remote Playback				
3GPP				
Service	Service			
1	Server Status: Running		Start	Stop
Remote	Onlines			
Desktop	Opuons		LE400	
	Port		5160	Default
Control	Maximum Users:		64	
Management	Use Default Web Serve	er		
	Dett		8080	
	Port.		10000	
	🔽 Save Log	Remote	Playback.log	

Setup 3 : [NUUO Mainconsole] Go to *Config*, and then go to *Metadata Application*.



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Setup 4 : [NUUO Mainconsole] Click on *Insert* to add a new metadata application, and then choose *LPR* as the source type.

hsert Delete	Metadata Source Setting		
esti Metadata	Settings Name: Metadata Type: Source Type: IP Address: Port:	VIT LPR POS POS Access Control Video Analytics 4000	ction
		✓ ок	X Cancel

Setup 5: [NUUO Mainconsole] Fill in VIT Server IP and VIT Server Port.

VIT Server IP is the IP address of the server which you are running VIT LPR with. VIT Server Port must be the same as the port you set up in VIT LPR software.



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Settings	
Name:	Test
Metadata Type:	LPR
Source Type:	VIT Test Connection
VIT Server IP	192.168.4.132 (the IP address of VIT LPR Serve
VIT Server Port	4000 (VIT Server Port)

Setup 6: [VIT LPR Software] Start VIT LPR software and then go to Settings.



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Please configure the channel settings below,

- a) Channel Assignment: flow (path)
- b) Source Type: IP Camera
- c) Type: NUUO
- d) IP Address: the IP address of NUUO Mainconsole : Live Streaming Port
- (such as the IP address in this snapshot, 192.168.4.132:5150)
- e) Username and Password: the username and password of NUUO Mainconsole
- f) Archive Access Port: Remote Playback Port of NUUO Mainconsole
- g) Server Port: the VIT Server Port
- To make sure all features work properly, the information above must be the same as the settings at NUUO Mainconsole.

to connect to NUUO Mainconsole and

Setup 7: [VIT LPR Software] Click on

synchronize the camera list .

channel settings				
direction undefined channel assignment flow (path) source type ip camera type NUUO paddress 192.168.4.132:5150 usemame password admin camera 192.168.4.132_roof archive access port 5160 server port 4000	channel settings		•	
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Ip address 192.168.4.132:5150 username password admin camera 192.168.4.132_roof v ··· archive access port 5160 server port 4000	NUUO			
username password admin camera 192.168.4.132_roof • • • • • • • • • • • • • • • • • •	lp address 192.168.4.132:5150			
camera 192.168.4.132_roof archive access port 5160 server port 4000	username admin			
archive access port 5160 server port 4000	camera 192.168.4.132_ro	of		
server port 4000	archive access port 5160		<u>~</u> ~	
	server port 4000			

Setup 8: [VIT LPR Software] Add a camera into VIT LPR software.

- a) Click on to synchronize the camera list.
- b) Choose the channel number at VIT LPR.
- c) Key in the channel name and description
- d) Choose a grid to display this camera.
- e) Click "OK" to save this configuration.





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Setup 9: [VIT LPR Software] Go to "*Recognition Settings*", and then add a detection zone.



Setup 10: [VIT LPR Software] Go to "*Recognition Settings*", "Zone Detection" and then add a detection zone.



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Setup 11: [VIT LPR Software] Go to "*size of numbers*", and then define the size of detection zone.

States and Alternative	live events cardifile statistics settings	²⁵ _{0tt} 17:10.08 –
1st road plate recognition		
size of numbers +	Long with b	Russian, 1st road
sec of numbers Reported the entity and where the index of the i		rand in model what 9, 3 4, 4 4, 4 4, 4 4, 5, 5 6, 6 7, 7 8, 8 8, 8 8, 8 8, 8 9, 9 10, 10 10, 10, 10 10, 10 10, 10 10, 10 10, 10 10, 10 10,
	visional spreie 15 road advottem	
	Action Select support to deploy the convert claimat	
system addings Post. 123		Controller Kuo V.1.

Setup 12: [VIT LPR Software] Click on "*template*", and then select your country.



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Setup 13: [NUUO Mainconsole] When the configurations at VIT software are complete, this metadata server will be available. After connection is available, click on "OK" to save this metadata source.

You should be able to view the live video at VIT LPR software now.

- Settings	test				
VIT Server IP VIT Server Port	VIT	rer test is available	S OK X Can		Export
	VIT Server IP VIT Server Port	VIT Server IP 192.168.4.133 VIT Server Port 4000 OK OK Metadata Server	VIT Server IP VIT Server Port 4000 OK OK Metadata Server test is available OK	VIT Server IP VIT Server Port 4000 OK SS Metadata Server test is available OK OK Can	VIT Server IP 192.168.4.132 VIT Server Port 4000 OK EX Metadata Server test is available OK OK



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Setup 14: [NUUO Mainconsole] Click on this metadata server and then click on "*Insert*" to add a metadata source. Please be noted that the camera channel starts from "0", not 1.

Insert 🎦 Delete 🛃	Configure Settings	Metadata Transaction		
Metadata	Metadata Source Setting			×)
	Settings			
	Name:	Road		
	Metadata Type:	LPR -		
	Source Type:	VIT	Test Connection	
				Export
	Channel	0		
				-
	7			efine

Setup 15: [NUUO Mainconsole] NUUO built a tag filter for VIT LPR. This tag filter has the basic information, including license plate and time. You can download this tag filter at NUUO's website and then import this by the steps below.



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🔄 Insert 🛛 🛤 Delete 🛛 ៅ Configure	⊢ Settings	
Ende Metadata	Record Metadata Transaction	
E 🚝 test	✓ Display on Video Preview	
	Always Display	
	C Last for 10 seconds	
	Tag Filter	
	Default 💌	
	New Edit Delete Import	Export
	Associated Cameras	
	E CAM01 Traffic	
	CAM02 Fitnance	
	CAM04 4. Railroad	
	CAM06 Thermal camera	
	Display Region Definition	
	© Default C User Def	fine
etadata Application	✓ ок	X Cancel
etadata Application ta Source Display	СК .	Cancel
etadata Application ta Source Display Insert Kondete Configure	✓ ОК С Settings Г Record Metadata Transaction	Cancel
etadata Application ta Source Display Insert To Delete Configure Metadata Insert Road Open	✓ ОК С Settings Record Metadata Transaction Display on Video Preview	X Cancel
ta Source Display Insert Configure	V OK	X Cancel
etadata Application Ita Source Display Insert K Delete Configure Metadata A Read Read Look in:	V ОК С Settings V Record Metadata Transaction Display on Video Preview C Display on Video Preview C File folder	X Cancel
etadata Application Ita Source Display Insert To Delete Configure Delete Configure To Delete Open Look in: Recent Places	V OK	X Cancel
etadata Application Ita Source Display Insert Delete Configure Metadata Image test Road Open Look in: Recent Places	V OK	X Cancel
etadata Application Ita Source Display Insert The Delete Configure Metadata Image: Source Configure Image: Source	V OK Settings	X Cancel
etadata Application Ita Source Display Insert To Delete Configure Metadata To The React Open Look in: Recent Places Desktop Librates	V OK Settings ✓ Record Metadata Transaction ✓ Disnlav on Video Preview ✓ Disnlav on Video Preview ✓ Construction ✓ C	Export
etadata Application Ita Source Display Insert Delete Configure Metadata Hest Recent Places Desktop Desktop Libraries Libraries	✓ OK	Export
etadata Application Ita Source Display Insert To Delete Configure Metadata The The The The The The The The The The	Settings	Export
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etadata Application Ita Source Display Insert Delete Configure Metadata Metadata Recent Places Desktop Desktop Desktop Desktop Computer Network	✓ OK Settings ✓ Record Metadata Transaction ✓ Disclay on Video Preview ✓ Uto IVS release meeting 0013 File folder NUUO VCAsysPCOpen_Adv File folder ✓ udp trial license for FAE File folder ✓ website File folder ✓ VIT LPR_eng_20121015 Configuration settings	Export
etadata Application Ita Source Display Insert To Delete Configure Metadata The State Configure Configure Configure Configure Configure Configure Computer Computer Computer Computer Computer	✓ OK Settings ✓ Record Metadata Transaction ✓ Disclaw on Video Preview ✓ UVU D'S release meeting 0913 Other ✓ Other ✓ Other ✓ Uther Preview ✓ Uther Preview ✓ VIT LPR_eng_20121015 ✓ Other ✓ Engame:	Export
etadata Application ta Source Display Insert Delete Configure Metadata test Recent Places Desktop Desktop Computer Network	✓ OK Settings ✓ Record Metadata Transaction ✓ Disolar on Video Proview ✓ Image: NUUO IVS release meeting Opin Ø13 File folder Wulo VCAsysPCOpen_Adv File folder Website File folder Website File folder VIT LPR_eng_20121015 ✓ Tiag Files ('in)	Export
etadata Application Ita Source Display Insert Delete Configure Metadata Metadata Road Open Look in: Recent Places Desktop Desktop Libraries Network	✓ OK Settings ✓ Record Metadata Transaction ✓ Disclay on Video Preview ✓ If File folder ✓ NUUO /VS release meeting Ø33 File folder ✓ WUO /VCAsysPCOpen_Adv File folder ✓ udp trial license for FAE File folder ✓ Website File folder ✓ VIT LPR_eng_20121015 ✓ VIT LPR_eng_20121015 ✓ Open Files of type: Tag Files ('in)	Export

Setup 16: [NUUO Mainconsole] Associate a camera. The LPR information will display at $\frac{11}{12}$



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the camera you choose.

Insert Kan Delete Configure □-Kan Metadata □-Ma test □-Ma Road	Settings Record Metadata Transaction Display on Video Preview Always Display C Last for 10 seconds Tag Filter
	VIT LPR_eng_20121015 New Edit Delete Import Export Associated Cameras
	© Default © User Define

Setup 17: [NUUO Mainconsole] Congratulations! It's all set.

