

Security Management System Configuring ALPR in CMS

Introduction

This document explains the configuration of ALPR modules in CMS server and CMS Client in the Security Management System.

This document assumes that ALPR modules are already set up in individual VMS servers, and VMS server channels are configured in CMS server. Note – separate documents are available for ALPR module configuration in VMS servers.

CMS Server - Add ALPR Modules

- 1. Execute 'Security Management System' software.
- 2. Navigate to 'License Plate Recognition'->'LPR Modules' and click on 'Add LPR Modules from VMS...' button as shown in image below

192.168.1.113	License plate recognition – LPR modules	
INTR-SHAMINA (7		
Communication		6
Security devices	Sr No. VMS ID Module ID	Module Name Video Channe
Keyboards and Joysticks		
Users and Privileges		
Alarm management		
Data management		
Secondary storage		
Remote backup		
Tasks		
Linked servers		
Server settings		
Connect to CMS		
Video panorama		
Additional features		
Under vehicle surveillance		
External alarms		
Face recognition	×	>
License plate recognition	Use cropped LP image from detector	
LPR modules		
ATM/POS CMS		
User interface settings		

3. This will pop-up 'Add module' dialog box as shown below, select VMS server and module(s) to add.

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Please select all required modules from a VMS server. Typically this indicates selecting all listed modules from the VMS server. Click 'OK' button.

0	Add modules				×	
	Select VMS Ser	ver:	192.168.0.245	~		
List of modules:						
	Module Name	Module ID	Video Channel Name	Video Channel Name (CMS)		
	✓ LR001	LR_001	MainEntryGate	MainEntryGate		
	¢			>		
60 💿						

4. The selected LPR modules will be added to list of ALPR modules in CMS server as shown in image below.

192.168.1.113	$\overline{2}$	License plate recognition → LPR modules							
ANTHERE-SHOMINA	2								
Communication	^		•••	🦻 💋 😉) 😸				5
Security devices			Sr No.	VMS ID		Module ID	Module Name	Video Channel	
Keyboards and Joysticks			1	192.168.0.24	5	LR_001	LR001	MainEntryGate	
Users and Privileges									
Alarm management									
Data management									
Secondary storage									
Remote backup									
Tasks									
Linked servers									
Server settings									
Connect to CMS									
Video panorama									
Additional features									
Under vehicle surveillance									_
External alarms			/						
Face recognition									
License plate recognition			Use c	ropped LP imag	ge from	detector			
LPR modules									
ATM/POS CMS									
User interface settings									



CMS Server – Privilege Features Update

1. Navigate to 'Users and Privileges'->'Privileges' and click on 'Add privilege' button.

192.168.1.113	Users and	Privileges – Privileges			
AND		\frown			
Communication		U 😽			
Security devices					
Keyboards and Joysticks	Sr No.	Privilege Name	Туре	Base Privilege	Password
Users and Privileges	1	Administrator	In Built		Standard
Users	2	Operator	In Built		Standard
admin	3	Guest	In Built		Standard
	4	Web Client	In Built		Standard
ControllerOperator	5	Smartphone Client	In Built		Standard
Active directory users	0	External Application	111 Bullt		Stanuaru
Privileges					
Administrator					
Operator					
Guest					
Web Client					
Smartphone Client					
External Application					
PTZ priority					
Password Policy	<		_		>
Change password					
Alarm management					
Data management					
Focondary storage					

2. This will pop-up 'Add New Privilege' dialog. Enter name for the new privilege (e.g. 'EntryGateAccess' in image below).

Select base privilege as 'Operator'.

Select features 'ALPR live monitoring' and/or 'ALPR search', as per requirement and move selected features from list of 'Features not allowed' to 'Features allowed' list.

	Infinova The Integrator's Manufacturer
🗑 Add New Privilege	×
Privilege Name EntryGate Base Privilege Operator Password Policy: Standard	eAccess Password policy can only be selected for 'Operator' privileges and privileges drived from 'Operator'
Features allowed: Privilege Name Playback view Alarm search Alarm notifications Change self password Autostart settings Channel groups allowed: Channel Group	 Features not allowed: Privilege Name Access to secondary storage from ALPR live monitoring ALPR search Generater ALPR test alarm ATM/POS transaction search Channel groups not allowed: Channel Group CG_AllChannels CG_Gents CG_Ladies
Alarm groups allowed Alarm group	Alarms groups not allowed Alarm group AG_AllAlarms AG_NoAlarms
6	0

These two features will be available in 'Features allowed' list as shown in image below

			The Integrator's Ma	<u>anufactur</u> e
🗃 Add New Privilege				×
Privilege Name:	EntryGateAcces	ss		
Base Privilege:	Operator	~	Password policy can only be se	lected
Password Policy:	Standard	~	drived from 'Operator'	nieges
Features allowed:		Features	not allowed:	
Privilege Name Allow object counting search Recent alarms Enable security device ALPR live monitoring ALPR search Channel groups allowed: Channel Group CG_AllChannels		Privilege Save da Access t Generat ATM/POS Channel Channel CG_Gen CG_Ladi	e Name ishboard screen status to secondary storage to secondary storage from ter ALPR test alarm 5 transaction search groups not allowed: I Group its ies	···· · · · · · · · · · · · · · · · · ·
Alarm groups allowed		Alarms gr	oups not allowed	
Alarm group		Alarm gr	roup	
AG_AllAlarms		AG_NoA	larms	
	۲			
	i			

Click 'Add' to add new privilege.

3. Navigate to 'Users and Privileges'->'Users' and click on 'Add new user...' button.

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192.168.1.113	2	Users and Pr	ivileges → Users			·	
ALL	$\overline{\mathbf{D}}$						
Communication	^) 😸				
Security devices							
Keyboards and Joysticks		Sr No.	User Name	Privilege	Enabled	Туре	
Users and Privileges	- 11	1	admin	Administrator	Enabled	In Built	
Users		2	ControllerOperator	Operator	Enabled	In Built	
admin							
ControllerOperator							
Active directory users							
Privileges							
Administrator							
Operator							
Guest							
Web Client							
Smartphone Client	ш						
External Application							
EntryGateAccess							
PTZ priority							
Password Policy	- 84						
Change password							
Alarm management	- 84						
Data management							

4. This will pop-up 'Add new User' dialog.

Please type name for the new user (E.g. EntryGateOperator in image below). Please select privilege created in previous step (E. g. EntryGateAccess). Type password and confirm the password for the new user.

Add New User	X
User Name:	EntryGateOperator
Password:	
Confirm Password:	••••• ✓ Enable user
Address Line 1:	
Address Line 2:	
E-mail ID:	
(0

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Click on 'Add' button to add new user.

CMS Client - ALPR Screen

- Execute 'Security Management System Client' software. Standard login screen will be displayed. Please type CMS server IP Address. Please type user name and password for user created in previous step (E. g. EntryGateOperator). Click on the 'Login' button to login to the CMS server.
- 2. ALPR screen can be accessed from 'Screens'->'LPR Monitor Screen' menu available on client software main screen

