LPR PLUGIN

Incoresoft VEZHA Milestone





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VEZHA LPR is developed to collect and store a number of data about vehicles:

- Date and time of stay of vehicles in a certain area;
- A frame with a vehicle as evidence (photo fixation);
- Number and make of the car or other vehicle, its color;
- Vehicle direction and route determination.



Installation

Launch the installer by double-clicking the downloaded file with the left mouse button LPR_Setup.

In the window that opens, select the language that will be used during the installation process. To go further, click **OK**. To abort the installation, click **Cancel**.

Select the language to use during the installation.	ne
English	~

In a new window, read the installation recommendations and click **Next** to continue the installation, or the **Cancel** button to abort the installation.



In the **Select Destination Location** window using the **Browse** button, specify the place where you want to install the plugin. The plugin must be installed in the **Milestone** folder with other plugins. After selecting the desired folder, click **Next** to continue the installation or **Cancel** to abort the installation.



Setup - VEZHA ALPR		
select Destination Location		
Where should VEZHA ALPR be installe	:d?	VĘ.
Setup will install VEZHA ALPR	l into the following folder	
To continue, click Next. If you would	like to select a different f	older, dick Browse.
C:\Program Files\Milestone\MIPPlugin	IS VEZHA ALPR	Browse
At least 12.6 MB of free disk space is	required	
At least 12,6 MB of free disk space is	required.	

In this window, for correctly program work, you must correctly fill the fields and click **Next** to continue the installation or **Cancel** to abort the installation.

	V
Host:	
Milestone server address:	

Click Install to start the installation.



Constant of the State of the second		
Setup is now ready to begin insta	Illing VEZHA ALPR on your computer	·
Click Install to continue with the in change any settings.	nstallation, or click Back if you want	to review or
Destination location: C:\Program Files\Milestone\	MIPPlugins\VEZHA ALPR	^
		~
1		

After the installation is completed, click **Finish**.

Setup - VEZHA ALPR	x
	Completing the VEZHA ALPR Setup Wizard
	Setup has finished installing VEZHA ALPR on your computer.
	Click Finish to exit Setup.
<u>г</u> т	
VEZHA	
· ~ ·	
	Finish



Log In

To enter the system you need to go through authorization. To do this, enter the **Login** and **Password** in the appropriate fields of the modal window and click **Sign in**.

	Autho	rizati	on	
Login				
Password	1			
	Si	gn in		



Settings



In order to open the VEZHA LPR settings, click the icon **Level** in the upper right corner of the screen. Select and click Settings. In the window that opens, select the VEZHA LPR tab.

Settings			81-		×
Application	Host	192.168.0.53			
Panes	Port	2001			
	Portal	2001			
Functions	Websocket port	2081			
Timeline	Milestone video server address	192.168.0.248			
Export	Language	English			•
Search				Ар	oly
Joystick					
Keyboard					
Access Control					
Alarm					
VEZHA ALPR					
VEZHA Face Recognition					
VEZHAHard_hats					
VEZHAObjectDetection					
Help				Clo	se .ii

To change the server settings in the VEZHA LPR tab, you can edit the following fields: Host, Port, Portal, Websocket port, Milestone video server address.

To change the language, use the Language field and select from the list the most convenient for you.

To make changes, click **Apply** and **reload** the plugin.

- Installation (see page 4)
- Log In (see page 7)
- Settings (see page 8)



LPR - Analytics

This tab is developed to view the list of analytics with the ability to add, edit, delete analysts, view video from active analysts in real-time.

Plate	number reco	statistic						3931
Camera		Status All +	Search Reset				Add	analytic
ID	Status			Camera				
171	A	tive		poland test		Edit	Stop	۲
136	A	ctive		Номера Зупинка Лісопарк		Edit	Stop	
116	Sto	pped		Axis camera		Edit	Start	
107	Sto	pped		Номера Зупинка Лісопарк 2		Edit	Start	
105	Sto	pped		Универмаг парковка		Edit		
95	Sto	pped		Office Dahua (8MP)		Edit	Start	
91	Sto	pped		Универмаг парковка		Edit		
45	Sto	pped		Номера Зупинка Лісопарк 2		Edit		
33	Sto	pped		Немиров		Edit	Start	
31	Sto	pped		Axis camera		Edit		

Analytics Search

At the top of the screen is a search field.



To find the analytics enter the name of the camera or select the analytics status.

To start the search, click the **Search** button.

Analytics Adding

To add a new license plate analytics, click Add analytics in the upper right corner of the screen. In the window that opens, fill the fields:

X



Add ALPR analytics



RECOMMENDED VALUE
Click on the field and select a name from the drop- down list cameras. The video stream will be used to create analytics.
Check the box "Send notifications if license plate is recognized" to create your own event to send notifications. The event manager is designed to create vehicle notifications (depending on incoming parameters)
Select events from the drop-down list. For this event, notifications will be sent to the services indicated in the events.
If necessary, you can add additional parameters for their further use when creating an event. Fill in the parameter fields. To add parameters press the button "+". In a way to remove parameters press the button "-".

analytics click Add video stream.

In the way to edit analytics click **use** to the right of the analytics name. In order to create new



•		(* <u></u> *)	\Box ×
Name	Soborna str		
Login			
Password			
Camera	AXIS P1375-E Network Camer	а (192.168.0.148) - Камера	5
Camera address			
вулиця Лізи Чайкіної, 39, Vin	nytsia, Vinnyts'ka oblast, U	Ikraine, 21000	
49,2246341433926	28,43	29476111145	
Camera direction			
		25	1
Map Satellite	26 iBox		
Car accessories store	Ŷ	Kalatska Street	
Колецька	Keletska Street	Liali Ratushnoi St	Lya
вулиця Келецона		вул. Лялі Ратушної	92 92
Gas station	Q 28a	- 64 P	94
	Secret de Beaut Beauty salon	e 31	oi St
	28a	33	96
			98
Fortuna-Avto		35 AT	Lyali
	28	0S0V 37	100 Katu
		5	
	40	- 22	102
			+
	32	41 43	
Contraction of the local sectors of the local secto		34	
Google	44	Map data ©2020 Google	Terms of Use
			Apply



FIELD NAME	DESCRIPTION
Name	Enter the name of the video stream in the field. This field will be displayed in all components of the program that use video streams.
Login	Enter the name of the current user in the field.
Password	Enter password.
Camera	Select a camera from the drop-down list.
Camera address	Enter the address in the field, or select on the map below the location of the camera. The system will automatically determine the location coordinates.
Camera direction	Drag the slider to change the direction of the camera. Indication of camera rotation helps in determining the direction of the vehicle.

To save the changes, click **Apply**.

Add an area of interest

- Add a camera into a field Video stream.
- A video from the added camera will appear below the Video Stream field.
- Add an area of interest.

License plate recognition will take place in the exposed area. To cancel an area of interest, click **Cancel** area of interest.

In the way to create analytics, click Save.

Analytics Editing, Changing Status, Viewing, and Deleting

To edit analytics, click the **Edit** button on the right side of the record.

Analyti	ics Search Lis	sts Events Statistic					
v	ĘŹŊ	^					3931
Pla	ate numbe	er recognition a	analytics				
Cam	iera	Status					
		All	▼ Search	Reset		Add	l analytic
ID	Status			Camera			
177		Active		poland test1		Stop	
171		Active		poland test2	Edit	Stop	
136		Active		Номера Зупинка Лісопарк		Stop	
116		Stopped		Axis camera			
107		Stopped		Номера Зупинка Лісопарк 2	Edit		
105		Stopped		Универмаг парковка	Edit	Start	×
95		Stopped		Office Dahua (8MP)	Edit		
91		Stopped		Универмаг парковка		Start	
45		Stopped		Номера Зупинка Лісопарк 2			
33		Stopped		Немиров	Edit	Start	
31		Stopped		Axis camera	Edit		



In the window that opens, fill the fields:

Edit ALPR analytic		×
	Events	
Stream Универмаг парковка	Test	•
	Additional parameters	+
☑ Send notifications if license plate is recognized		
Cancel area of interest Save		

FIELD NAME	RECOMMENDED VALUE
Send notification if license plate is recognized	Fill checkbox "Send notifications if license plate is recognized" to create your own event to send notifications. The Event Manager is developed to send vehicle notifications (depending on incoming parameters)
Events	Select events from the drop-down list. For this event, notifications will be sent to the services indicated in the events.
Additional parameters	If necessary, you can add additional parameters for their further use when creating an event. Fill the fields with parameters, to add a parameter click on the button "+". To remove parameters click on the button "-".

Add an area of interest

- Add a camera into a field Video Stream.
- A video from the added camera will appear below the Video Stream field.
- Add an area of interest. Click in the area where the video from the camera is located and set the area of interest. License plate recognition will take place in the exposed area. To cancel area of interest, click **Cancel** area of interest.

To create analytics, click Save.

To start/stop the video stream, press the Start/Stop button.

To delete a video stream, click the **Delete** button.

To view a video stream, click the **View** button.



Analytic review Номера Зупинка Лісопарк				×
	(50.100)			
242 Зупинка лісопарк Avigilon 3.0C-H4A-BO2-IR	(60.198)	AB 0964 BI White FORD FIESTA 2008 2016	AB 7066 EA Block MINAUT SCINC 2001-2009	AM 3850 CT Gray
		312-27 KX Whate Whate X2 2000 X2 2012 X10 1001 X20 X10 X10	AB 0535 CX Gray HISSAN Lefe 2010-2017	AL 2579 EM White ViciesWater Colt
		AB 3805 CP White REALLY MAPER 2019-2019	AB 9484 AE White CHAINCO LANOS 1995 2002	White PULLICE 200 1996-2000
Number	Brand		Date	
DCD595	PEUGEOT 206 1998-2009		05-03-202	20 10:53:32
AB 2579 EM	VOLKSWAGEN GOLF 2008-2013		05-03-202	20 10:53:30
AM 3850 CT			05-03-202	20 10:53:29
AB 9484 AE	DAEWOO LANOS 1996-2002		05-03-202	20 10:53:28
AB 0535 CX	NISSAN LEAF 2010-2017		05-03-202	20 10:53:25
AB 7066 EA	RENAULT SCENIC 2003-2009		05-03-202	20 10:53:22
AB 3805 CP	RENAULT MASTER 2010-2019		05-03-202	20 10:53:22
312-27 KX	VAZ 2108(2109) 1984-2004 ZAZ 1102 1987-2007 VAZ 2113(2114) 2005-2014		05-03-202	20 10:53:21
AB 0964 BI	FORD FIESTA 2008-2016		05-03-202	20 10:53:18
AB 6171 EI			05-03-202	20 10:53:17
	VAZ 2105 1979-2010		05-03-202	20 10:52:59

- Analytics Search (see page 9)
- Analytics Adding (see page 9)
 Analytics Editing, Changing Status, Viewing, and Deleting (see page 12)



LPR - Search

A	nalytics Search Lis	ts Events Statistic								
`	vĘzӈ	^								3 3931 💼
	Search									
	Number	Period	Came	era						
	(All		_	- Search Res	et			
	All	▼ All Manufacturers ▼ All Model		• Def	ault Year	•				
	<< < 1 of 11590	1 > >> 1 To page						Export:	JSON Ex	ret and the second s
	Number	Brand	Color [Direction		Camera	Video	Date		
	AB7036AX		•	ĸ	Route	👷 Номера Зупинка Лісопарк		04-03-2020 09:32:58		
	AB1404AP	VOLKSWAGEN PASSAT-VARIANT 2010-2015	•	ĸ	Route	🎇 Номера Зупинка Лісопарк		04-03-2020 09:32:55		
	AB0299EP	BMW X5(F15) 2014-2018	۲	K	Route	🅂 Номера Зупинка Лісопарк		04-03-2020 09:32:48		5.7
	AB2963EA	RENAULT LOGAN-2 2013-2018	•	ĸ	Route	🅂 Номера Зупинка Лісопарк		04-03-2020 09:32:46		Номера Зупинка Лісопари 04-03-2020 09:32:58
	AB6690EI	VOLKSWAGEN TRANSPORTER-T5(T6) 2003-2019	٠	ĸ	Route	🅂 Номера Зупинка Лісопарк		04-03-2020 09:32:44		AB 7036 AX B 7036 AX
	AB8428EK	MAZDA 3 2004-2009	•	K	Route	🎇 Номера Зупинка Лісопарк		04-03-2020 09:32:42		
	A85714EM	DAEWOO LANOS-T150 1996-2002		ĸ	Route	🌠 Номера Зупинка Лісопарк		04-03-2020 09:32:42		ВАЗ 2105 1988 Союг/Туре: БілИЙ/ЛЕГКОВИЙ/СЕДАН-В
	AB2196EM	BMW 7-SERIES 2001-2005		ĸ	Route	🌠 Номера Зупинка Лісопарк		04-03-2020 09:32:40		Engine: 1293/6EH3UH A6O FA3 Weight/Total weight: 995/1395
	AB9323BK	VOLKSWAGEN TRANSPORTER-T4 1990-2003	•	ĸ	Route	🎢 Номера Зупинка Лісопарк		04-03-2020 09:32:38		Registration department: 1323317/Кисво-Святошинське РЕВ ДАІ Registration date: 15-01-2015
	AB6429CT	FORD TRANSIT 1994-2000		ĸ	Route	🎢 Номера Зупинка Лісопарк		04-03-2020 09:32:36		Operation type: 309 - ПЕРЕРЕССТРАЦІЯ ТЗ НА НОВОГО ВЛАСНИКА ЗА ДОВІДКОЙ-РАХУНОК Region: ВІННИЦЬКА ОБЛАСТЬ/БАРСЬКИЙ РАЙОН/СЛОБОДА-ЯЛТУШКІВСЬКА

In order to find the right vehicle, fill the fields:

FIELD NAME	DESCRIPTION
Number	enter the vehicle number in the field.
Period	select the time period for which you want to search.
Camera	mark the cameras that will be used for a search.
Color	select the required color of the vehicle in the field.
Make	select the brand of vehicle you want to find.
All models	choose the necessary vehicle model.
All years	choose the year of the vehicle.

Click Search to display the search results. Click Reset to clear the input fields.

Search results are shown in the table below:



Analytics Search	Lists Events Statistic								
vęzh	^								33931
Search									
Number	Period	Camera			_				
	27-02-2020 00:00:00 - 04-03-2020 23:59	:59 All		Search Re	set			and and a state of the state of	
All	All Manufacturers All Model	-	Default Year	•					
<< < 1 of 115	801 > >> 1 To page					Export:	JSON Excel	A CONTRACTOR	
Number	Brand	Color Directio	n) .	Camera	Video	Date			
AB7036AX		• •	Route	🎽 Номера Зупинка Лісопарк		04-03-2020 09:32:58			
AB1404AP	VOLKSWAGEN PASSAT-VARIANT 2010-2015	• *	Route	🌠 Номера Зупинка Лісопарк		04-03-2020 09:32:55			
AB0299EP	BMW X5(F15) 2014-2018	• *	Route	🎇 Номера Зупинка Лісопарк		04-03-2020 09:32:48		Settler.	RA
AB2963EA	RENAULT LOGAN-2 2013-2018	• •	Route	🌠 Номера Зупинка Лісопарк		04-03-2020 09:32:46		Номера Зулинка Лісопарк	04-03-2020 09:32:58
AB6690EI	VOLKSWAGEN TRANSPORTER-T5(T6) 2003-2019	• *	Route	🎇 Номера Зупинка Лісопарк		04-03-2020 09:32:44		AB 7036 AX B AB 70	36 AX
AB8428EK	MAZDA 3 2004-2009	• >	Route	🎇 Номера Зупинка Лісопарк		04-03-2020 09:32:42		A DE CONTRACTOR OF THE OWNER	
AB5714EM	DAEWOO LANOS-T150 1996-2002	• *	Route	🎇 Номера Зупинка Лісопарк		04-03-2020 09:32:42		ВАЗ 2105 1988 Союг/Туре: БІЛИЙ/ЛЕГКОВИЙ/СЕДАН-В	
AB2196EM	BMW 7-SERIES 2001-2005	• *	Route	🎇 Номера Зупинка Лісопарк		04-03-2020 09:32:40		Engine: 1293/БЕНЗИН АБО ГАЗ Weight/Total weight: 995/1395	
AB9323BK	VOLKSWAGEN TRANSPORTER-T4 1990-2003	• K	Route	🅂 Номера Зупинка Лісопарк		04-03-2020 09:32:38		Registration department: 1332317/Києво-Святошинське РЕВ ДАІ Registration date: 15-01-2015	
AB6429CT	FORD TRANSIT 1994-2000	• *	Route	👷 Номера Зупинка Лісопарк		04-03-2020 09:32:36		Operation type: 309 - ПЕРЕРЕССТРАЦІЯ ТЗ НА НОВОГО ВЛАСНИКА ЗА ДОВ Region: ВІННИЦЬКА ОБЛАСТЬ/БАРСЬКИЙ РАЙОН/СЛОБОДА-ЯЛТУШКІВСЬ	дкой-рахунок Ка
	TOYOTA AVENSIS-WAGON 2003-2009					04-03-2020 09-32-33			

Work with License Plate Records

The list of vehicle records consists of the fields: number, make, color, direction, camera, video, date.

After pressing



Route will be shown the route of a vehicle.





When you click on the vehicle's record, a picture of the vehicle from the camera and information about the vehicle are displayed on the right side of the screen.







By clicking on , you can view the record of vehicle movement from the camera. When you click on , a window appears showing the location of the camera. Camera position \leq × еатр Байда 3D O 53 Satellite Map Œ 0 Travel agency H08 H08 Ploshcha Festyval'na Проспект Соборний Akha AXA itral fountain 2 Відділення "ПриватБанк", зона... Ukrposhta Street House Ice Вулични 8 будин K AM Nadiya Hagis 0 H08 Bankomat Rayffayzen Bank Aval' Zaporiz'kyy Holovposhtamt запорізький головпоштамт Банкомат Банк Авал TIDOCITEKT COGA +0 0 Massa Wine store Google

The list of found records can be exported in JSON or Excel format. To do this, click **JSON** or **Excel**. Click on the **Zoom** button to view detailed information about the vehicle in a new window.





• Work with License Plate Records (see page 16)



LPR - Lists

This section is intended to create a registration database of vehicles for their subsequent recognition.

Milestone XProtect Smart Client					3/6/2020 1:11:41	РМ —	o x
Наблюдение Воспроизе	едение Поиск VEZHA ALPR	VEZHA Face Recognition	VEZHA Hard hats VEZHA Object Detection	VEZHA Traffic Analytics		+	0 9 ×
					Настройка	VEZHÁ AU	R 🔀
Analytics Search Lists Event	s Statistic						
vę́zӈ̀ѵ						3931	
Lists							
Name		Number					
	Search Reset		Search		Add	d a list	
< < 1 of 1 >	>> 1 To page						
Name	Numbers quantity	Camera	Notifications	Date			
1233				2020-02-24 15:31:52			×: [
1234				2019-12-31 11:10:52			×
iqtrading-test				2019-10-01 15:53:25			×
new_test_list				2019-12-19 16:05:41			×
qqq1				2019-12-23 17:45:15			×
ss12				2019-11-18 15:29:53			×
test				2019-08-23 16:26:25			×
test_list				2019-09-05 15:39:12			×
testest				2020-02-25 11:30:08			×
Архив				2019-09-03 14:43:09			×
Район				2019-11-19 10:05:22			×
Розшук ТЗ				2019-08-23 11:55:02			×
тест				2019-11-04 17:55:15			×

Lists Search

At the top of the screen is located a search field.

Lists Name			Number	
	Search	Reset		Search
< < 1 of 1 > >>	1 To page			

In order to find the desired list of the lists section, enter its name in the search field. Click **Search** to display the results.

To find the desired number from the lists, enter it in the **Number** field and click **Search**. Click **Reset** to clear the input fields.

Lists Adding and Editing

To add a new record, click Add List in the upper right corner of the screen.



Add a list

💠 Add a list			×
Name	Events		
		•	
Notes	Additional parameters		
Camera			
	-		
✓ Send notifications if a recognized license plate is listed			
د.	ave -		

In the opened window fill the fields:

FIELD NAME	RECOMMENDED VALUE
Name	Enter a name for the entry in the field. This field will be displayed in all components of the program that use this record.
Notes	This field is intended to describe the purpose of creating records. Enter a description of the record in the Notes field.
Camera	Click on the field and select cameras from the drop- down list. The selected cameras will search for vehicles funds with the specified number.
Send notifications if a recognized license plate is listed	Check the box "Send notifications if recognized number" to create your own event (event) to send notifications. The Event Manager is designed to create vehicle notifications (depending on incoming parameters).
Events	Select events from the drop-down list. For this event, notifications will be sent to the services indicated in the events.
Additional parameters	If necessary, you can add additional parameters for their further use when creating an event. Fill parameters. To add a parameter click the button "+". To remove the parameter click "-".

In the way to apply changes click Save.



To remove the record click

in the right side of the screen.

To stop or activate a notification, set the status slider to the appropriate position.



To stop or activate a notification, set the status slider to the appropriate position.

View Lists

To view information about the cameras that are being monitored in the list, move the mouse over the number of cameras in the list record.

į	Camera
8	52
5	All
÷.	2
t	Немиров Номера Зупинка Лісопарк

To view information about the list, click on its name.

← at the left side of the tab. When clicked, you will go to the list view tab. To go back click



	Events Statistic						33931
← Viewing lis	st "1234" Period	Find Reset					Add license plate
<< < 1 of 1	> >> 1 To page						
Number	Comment	Author	Date		Name	123	4
13134	any	admin	04-02-2020 16:03:20		×		
AB50088A		admin	05-02-2020 10:57:58		X	any	
AB7686AK		admin	13-02-2020 12:38:00		Numbers	quantity 8	
AB9931EK		ədmin	31-12-2019 11:12:43	1	Camera		
LJA71FV		admin	24-01-2020 12:20:02	1	X Notificat	ione San	al (
ROTHYSKAVTO		admin	23-01-2020 12:53:48		×		
\$60962		admin	13-01-2020 16:18:46		÷	Delete	Edit
VEZHAWER		admin	24-01-2020 12:28:56	2	÷.		

Add and Edit License Plate Number

To add a new record, click Add license plate in the upper right corner of the screen. In the window that opens, fill the fields:

×
Save



FIELD NAME	RECOMMENDED VALUE			
Number	Enter the number of the vehicle you want to find in the field. Search will be done using the cameras that were selected when creating the list.			
Comment	Enter the text of the notification that will be received upon detection of vehicle.			

In the way to create a record click **Save**.

To edit the record click the **Edit** button on the right side of the record.

In the window that opens fill the fields:

🔁 Edit number	×
Number	
AA1234AA	•
Comment	
List	
test 🔻	

FIELD NAME	RECOMMENDED VALUE
Number	Enter the number of the vehicle you want to find in the field. The search will take place on the cameras that were selected during creating a list.
Comment	Enter the text of the notification that will be used after vehicle detection.
List	To change the list in which the number is located, select another list.

In the way to apply changes click Save.

×



In the way to export card of license plate number into pdf click Export to PDF.

To view a frame from a recording, click on the Frame in the right part of the recording.

+ Frame



To accept the notification on yourself, click **Accept** on the right side of the record.

By clicking on



window will appear showing the location of the camera.

When you click on the **Route** icon, the window will appear on which the vehicle path is displayed. Click the **Zoom** icon to view a larger image.

- Lists Search (see page 21)
- Lists Adding and Editing (see page 21)
- View Lists (see page 23)
- Add and Edit License Plate Number (see page 24)



LPR - Events

This section is intended for viewing the history of notifications about vehicles.

A	nalytics Search Lists	Events Statistic							
	vę́zӈ̀v								33931
1	Events								
	Number	Period	List	Accepted By					
			All 🔹	All	Reset				
Ì	<< < 1 of 1849	> >> 1 To page							
	Name Com	ment List	Number	Camera	Object Brand	Date	Video	Frame	Accepted By
	AB87948X BBB		aba Aba794bX	🌌 Номера Зупинка Лісопарк 🎦 Route	AB 8794 BX	04-03-2020 07:59:33		Frame	Accept
	AB9931EK		AB9931EK	🌌 Номера Зупинка Лісопарк 🍃 Route	AE 9931EK	03-03-2020 13:22:52		Frame	Accept
	AB5008BA		AB5008BA	🎢 Номера Зупинка Лісопарк 🎦 Route	AB 5008 BA	07-2011 02-03-2020 15:43:37		Frame	Accept
	AB9931EK		AB9931EK	💓 Номера Зупинка Лісопарк 🎦 Route	AB 9931EK	02-03-2020 13:35:33		Frame	Accept
	AB9931EK		AB9931EK	🥂 Номера Зупинка Лісопарк	TAB 9931EK	2-SPRINTER 2000-2010 02-03-2020 13:24:42 I-35 1996-2006		Frame	Accept
	AB5008BA		AB5008BA	🎢 Номера Зупинка Лісопарк 🍃 Route	AB 5008 BA	07-2011 29-02-2020 15:02:03		Frame	Accept
	AB9931EK		AB9931EK	👷 Номера Зупинка Лісопарк 🍃 Route	AB 9931EK	986-1994 29-02-2020 14:39:50		Frame	Accept
	AB7686AK		AB7686AK	office Dahua (8MP) 월 Route	AB 7686 AK	28-02-2020 16:58:16		Frame	Accept
	A89931EK		AB9931EK	🥂 Номера Зупинка Лісопарк 🎍 Route	AB 9931 EK	28-02-2020 13:24:38		Frame	Accept
	ADDODATE		AROOSIEV	🥂 Номера Зупинка Лісопарк	THE PROPERTY AND	27-02-2020 13:24:41			

Event Search

At the top of the screen are located search fields:

Events				
Number	Period	List	Accepted By	
		All	All 🔫	Search Reset
< < 1 of 1849	> >> 1 To page			

FIELD NAME	DESCRIPTION				
Number	Enter license plate number of the vehicle.				
Period	Click on the field and select the desired time period.				
List	Click on the field and select the desired list.				
Accepted By	Click on the field and select the user who received the notifications.				

Click Search to display the search results. Click Reset to clear the input fields.

×



Work with Vehicle Event Records

The list of notification records consists of the fields: name, comment, list, camera, object, number, brand, date, video, frame, accepted by.



, a window will appear showing the vehicle route.

When you click Frame, a window opens with a snapshot of the found vehicle.

💠 Frame



Click on the icon

to view the video with the detected vehicle.

To accept the notification click on Accept.

When you click on the number in the title of the notification record, you will go to the section for viewing information about this number.



\$							×
Card AB9931EK							Export PDF
Car number: AB9931EK List: 1234 Comment: Author: admin Created 31-12-2019 11:12:43 Edit Delete Momepa Зупинка Лісопарк Sg Route			AB 9931 EK				
Events register							
Сатега Номера Зупинка Лісопарк Воите	Title AB9931EK	AB 99811EK	Brand	Date 03-03-2020 13:22:52	Video	Frame Frame	Accepted By Accept
🎢 Номера Зупинка Лісопарк Ъ _{Route}	AB9931EK	AB 9931 EK		02-03-2020 13:35:33		Frame	Accept
🌌 Номера Зупинка Лісопарк 🎍 _{Route}	AB9931EK	AB 9931EK	MERCEDES BENZ-SPRINTER 2000-2010 VOLKSWAGEN LT-35 1996-2006	02-03-2020 13:24:42		Frame	Accept
👷 Номера Зупинка Лісопарк Ъ Route	AB9931EK	AB 9931 EK	FORD TRANSIT 1986-1994	29-02-2020 14:39:50		Frame	Accept

Click on **Edit** to modify the vehicle record.

In the opened window, you can change the following fields:

💠 Edit number	×
Number	
AB9931EK	
Comment	
list	
1234	•
	Save



FIELD NAME	RECOMMENDED VALUE
Number	Enter the number of the vehicle you want to find in the field. Search will be done using the cameras that were selected when creating a list.
Comment	Enter the text of the notification that will be received upon detection vehicle.
List	To change the list in which the number is located, select another list.

In order to accept changes, click Save.

In order to export the card of this vehicle number in PDF format, click on Export PDF.

To view a frame from the record, click on the **Frame** in the right part of the record.

💠 Frame



To accept the <u>notification</u> on yourself, click **Accept** on the right side of the record.

By clicking on

, you can view the record of vehicle movement from the camera.

When you click on **based**, will open the window showing the location of the camera.



When you click on know, where the vehicle route is displayed.

Click the **Zoom** icon to view a larger image.

- Event Search (see page 27)
- Work with Vehicle Event Records (see page 28)



LPR - Statistics

Vehicle recognition statistics are developed to generate and create reports on recognized vehicles. Reports are generated by camera, hours, days, and weeks.

Analytics Search Lists Events Statistic				
vęzyv				33931
Vehicle recognition statistics				
Camera Period Ali v 01-10-2019 01:00:00 -	22-03-2020 01:00:00			
Camera Hourly Days Weeks				Export: PDF Excel
0.00 50,000.00	100,000.00 150,000.0	0 200,000 250,0		
Номера зупинка Лісопарік 2				
poland test2				
TeC				
Axis camera				
Hairman				
Camera Номера Зупинка Лісопарк	Number 188908	Model 138933	Model + Number 130972	Traffic 196869
Номера Зупинка Лісопарк 2	35299	25161	23967	36473
xno	1438			1438
poland test2	1162	380	380	1162
poland test1	632	213	213	632
TEST	257	131	131	257
Hart-Ingr.m.	191	03	24	200
				-
Axis camera	°			

In order to filter statistics of vehicle recognition, you need:

1. Select the time period, which will be used to generate statistics.

Analytics Search Lists Events	Statistic						33	931
Vehicle recognition	statistics							
Camera Pe	eriod 01-10-2019 01:00:00 - 22-0	3-2020 01:00:00	arch					
Camera Hourly Days We	Today	06-10-2019 01:00:00	22-03-2020 23:00:00				Export:	PDF Excel
	Yesterday	d October 2019 ►	✓ March 2020 ►	200,000.00				
	Last 7 days	Mo Tu We Th Fr Sa Su	Mo Tu We Th Fr Sa Su					
Номера Зупинка Лісопарк 2	Last 30 days	30 1 2 3 4 5 6	24 25 26 27 28 29 1					
	Current month	14 15 16 17 18 19 20	9 10 11 12 13 14 15					
poland test2	Previous month	21 22 23 24 25 26 27 28 29 30 31 1 2 3	16 17 18 19 20 21 22 23 24 25 26 27 28 29					
	Period	4 5 6 7 8 9 10	30 31 1 2 3 4 5					
тест	Accept Cancel	01:00 🗘 👻	23:00 🗘 👻					
Axis camera								
Немиров								
Camera	N	umber	Model		Model + Number	Traffic		
Номера Зупинка Лісопарк	1	68908	138933		130972	196869		
Номера Зупинка Лісопарк 2		5299	25161		23987	36473		

To select a period, one of the values is indicated: today. yesterday, last 30 days, this month, previous month, manually selected period (the range of days and time is indicated using the calendar).

2. Select the camera with which the video stream is taken. You can select All cameras, or you can select a specific camera.



Analytics Search Lists Ever	its Statistic									
vę́zӈ̀v									931	R
Vehicle recogniti	on statistics									
Camera	Period									
All	01-10-2019 01:00:00 - 22	-03-2020 01:00:00	Search							
All										
poland test1	leeks							Export:	PDF	Excel
poland test2	50,000.00	100,00	2.00 250,000.00	J 200,0	250,00 250,00					
Номера Зупинка Лісопарк										
Номера Зупинка Лісопарк 2										
Универмаг парковка										
Office Dahua (8MP)										
Универмаг парковка Иомера Зилиника Лісопари 2										
Немиров										
Axis camera										
OLD Lamera										
Немиров										
Camera		Number		Model		Model + Number	Traffic			
Номера Зупинка Лісопарк		188908		138933		130972	196869			
Номера Зупинка Лісопарк 2		35299		25161		23987	36473			

3. Click the button **Search**.

Analytics Search Lists Events Statutic							
vę́zӈ҇۸				33931 🚖			
Vehicle recognition st	tatistics						
Camera Period	0-2019 01:00:00 - 22-03-2020 01:00:00	rch					
Camera Hourly Days Weeks				Export: PDF Excel			
USA Howepa Jynnika /ficonapie 2				Haveps Synows Riccaspe 198069 83.05 %			
Not camera	Number		Model - Number				
Camera Howens Browers Dicogene 2	Number 35200	Model	Model + Number	Iraffic 36473			
хло	1438			1438			

To export statistics in PDF or Excel format, click **PDF** or **Excel** in the upper right corner.

Analytics Search Lists Genes Statistics Vehicle recognition statistics Camera Period Alt O 1-10-2019 01:5000 - 2.	2-03-2020 01:00:00 Search			33931
Camera Hourly Days Weeks				Export: PDF Excel
Ania camera Naunga				
Camera Номера Зупинка Лісопарк 2	Number 35299	Model 25161	Model + Number 23987	Traffic 36473
סתג	1438			1438
poland test2	1162	380	380	1162
poland test1				632

To see statistics on cameras, hours, days, weeks, select the appropriate tab.



Analytics Search Lists Events Statistic					
νέ౽ӈ҇៱					33931
Vehicle recognition statistics					
Camera Period					
All	22-03-2020 01:00:00				
Camera Hourly Days Weeks					Export: PDF Excel
25000					
15000					<u> </u>
0					
01-11-2019 03-11-2019	05-11-2019 07-11-2019	09-11-2019 11-11-	2019 13-11-2019 1	5-11-2019 29-02-2020 03-0	3-2020 05-03-2020
Camera	Number	Model	Model + Number	Traffic	
01-11-2019	9921	6894	6322	10493	
02-11-2019	10667	7691	7157	11201	
03-11-2019	8899	6838	6364	9373	ļ
04-11-2019	13525	8514	7875	14164	
05-11-2019	13914	8339		14520	

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