

Video analytics system for cities
and business

VEZHA

VEZHA

ALPR Gates Plugin User Guide

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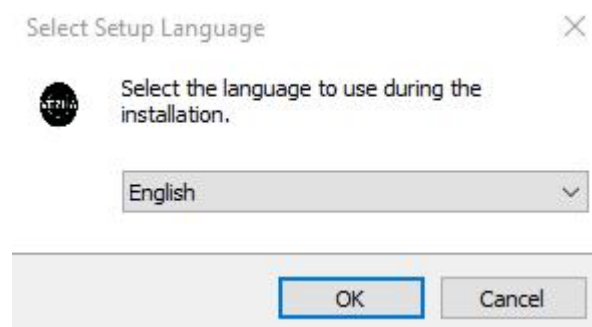
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VEZHA ALPR Gates Plugin User Guide

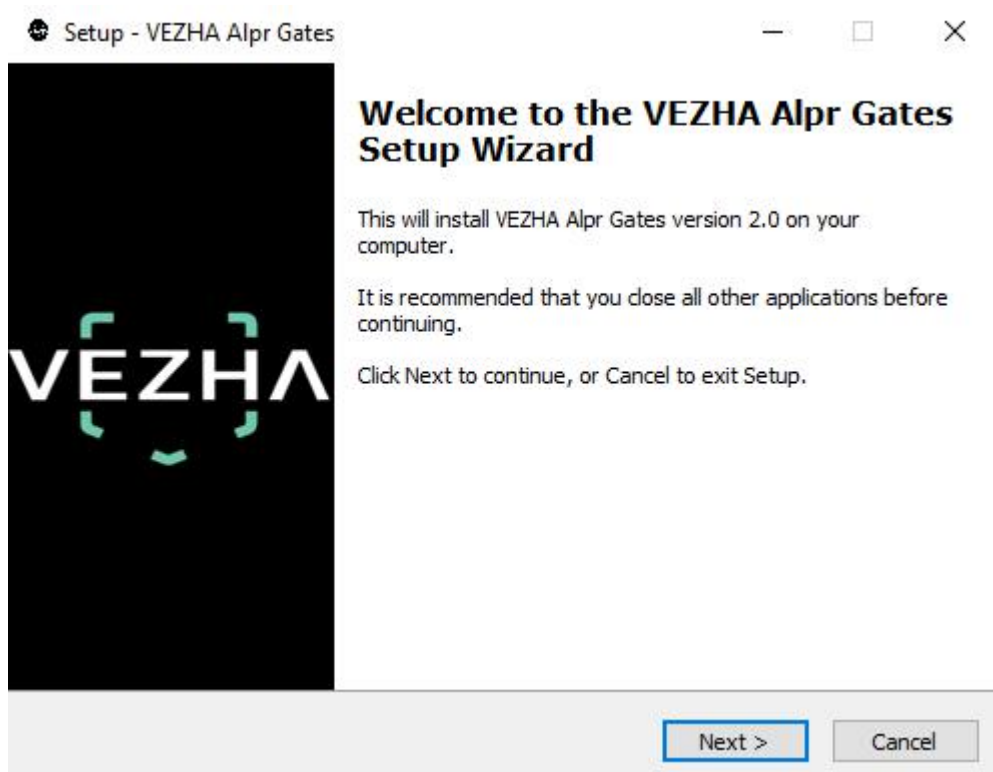
VEZHA ALPR Gates Plugin is developed to work with shopping centers, large logistics centers, parking lots to create a system of access to the territory.

1. Installation

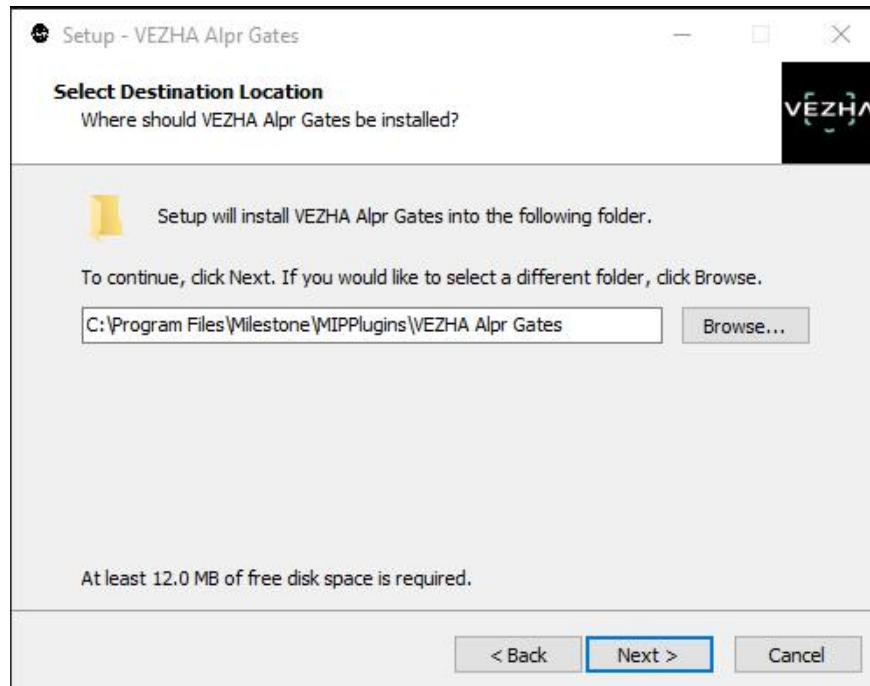
1. Launch the installer by double clicking on the file “**ALPR_Gates_Setup**”.
2. In the window that opens, select the language that will be used during the installation process. To further click “**OK**”. To abort installation click “**Cancel**”.



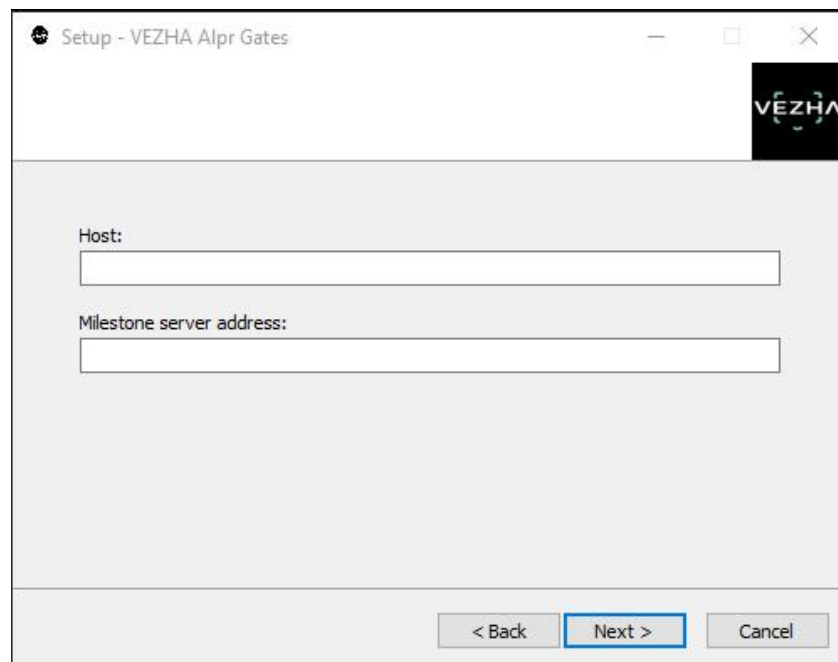
3. In the new window, read the installation recommendations and click the “**Next**” button to continue the installation, or the “**Cancel**” button to abort the installation.



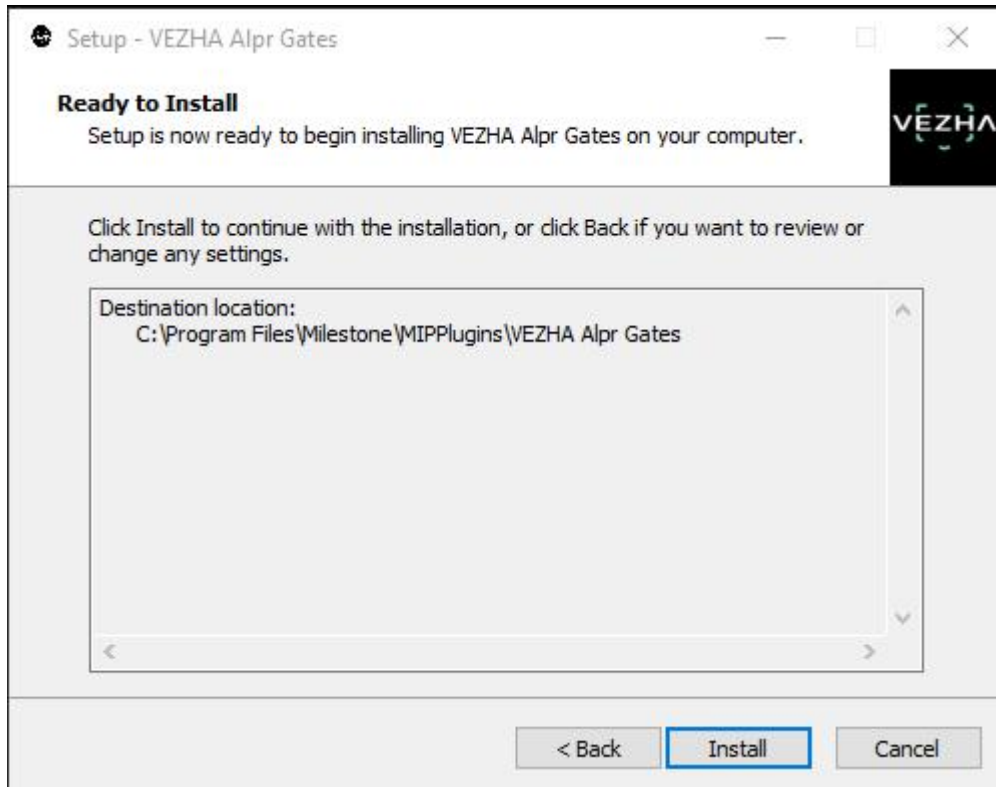
4. In the "Select installation folder" window using the "Browse" button, specify the location where you want to install the plug-in. The plugin must be installed in the "Milestone" folder with other plugins. After selecting the desired folder, click "Next" to continue the installation or "Cancel" to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



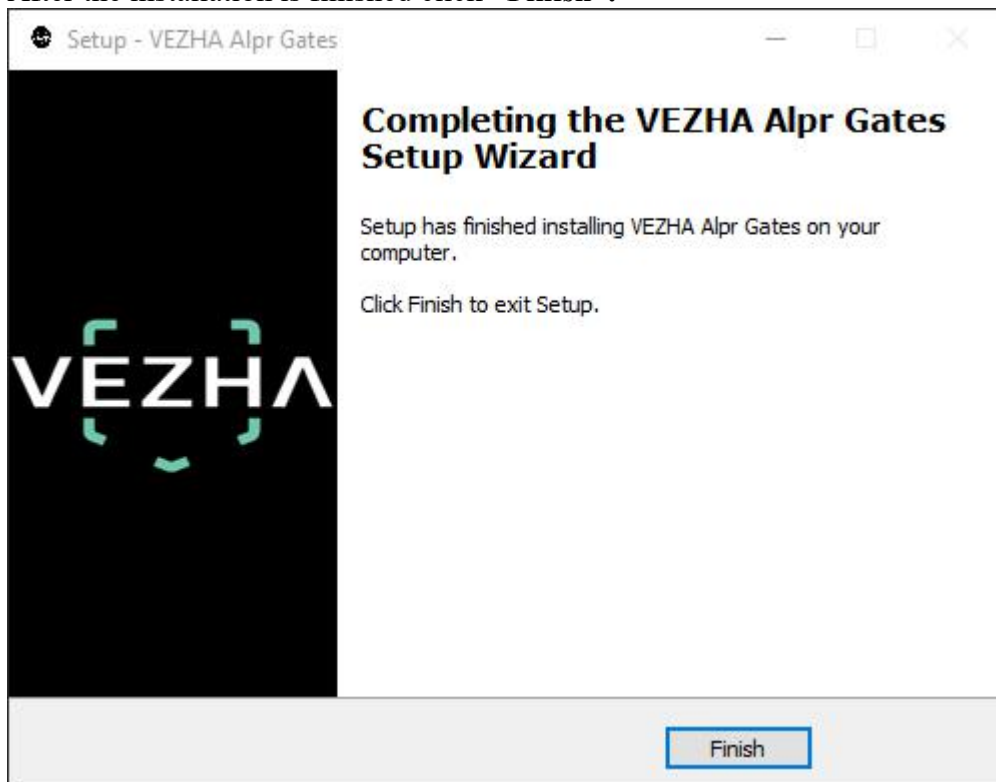
5. In this window, for the program to work correctly, you need to fill in all the fields correctly and click "Next" to continue the installation or "Cancel" to abort the installation.



6. Click **“Install”** to start the installation.

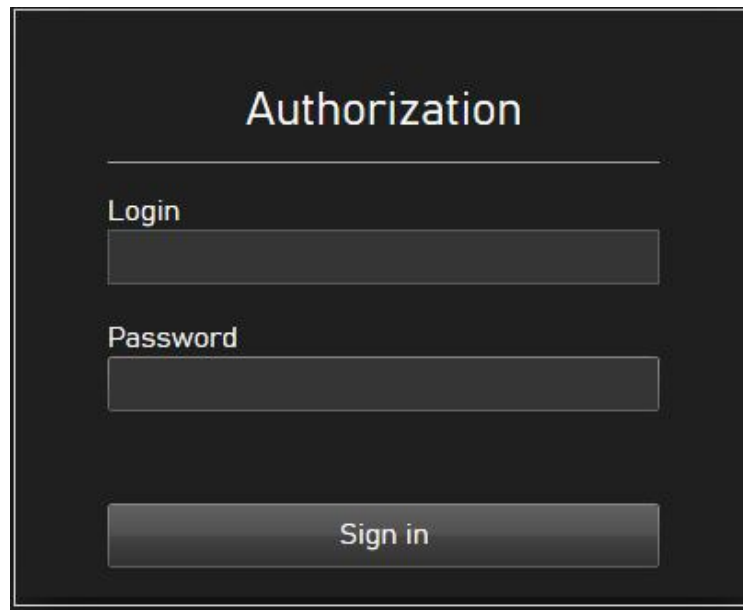


7. After the installation is finished click **“Finish”**.



2. Log In

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

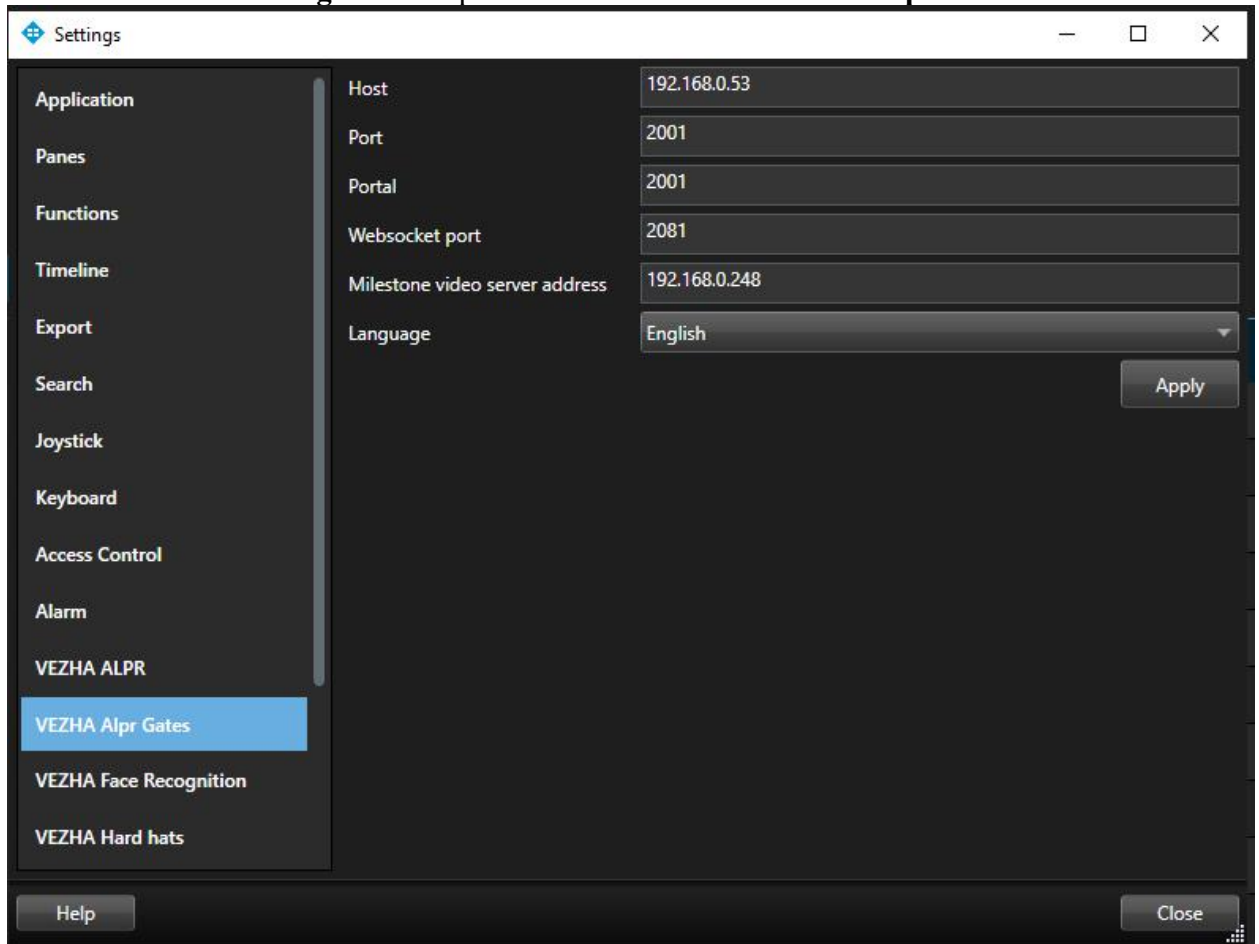


The image shows a dark-themed modal window titled "Authorization". It contains two input fields: "Login" and "Password", each with a corresponding text label above it. Below the input fields is a "Sign in" button. The modal is centered on the page, with light blue decorative corner brackets in the background.

3. Settings



In way to find **VEZHA settings** click the icon in the upper right corner of the screen. Choose and click **Settings**. In the opened window choose **VEZHA Alpr Gates**.



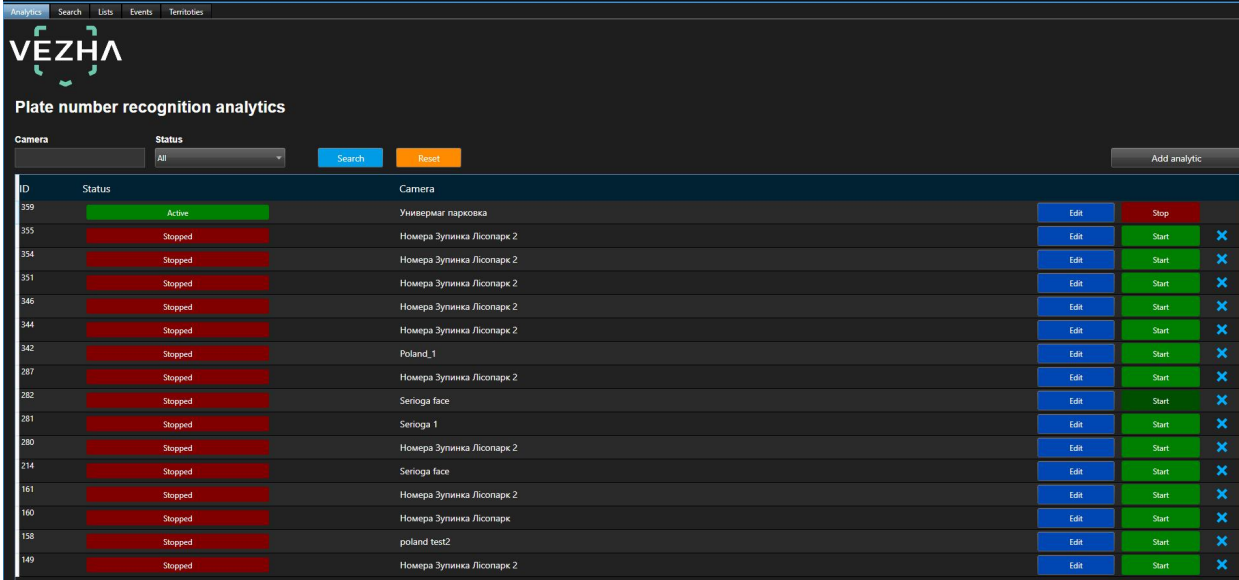
To change the server settings in the VEZHA Alpr Gates tab, you can edit the following fields: **Host, Port, Portal, Websocket port, Milestone video server address**.

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.

4. Analytics

This tab is intended for adding, editing, viewing, deleting and changing the status of analysts.

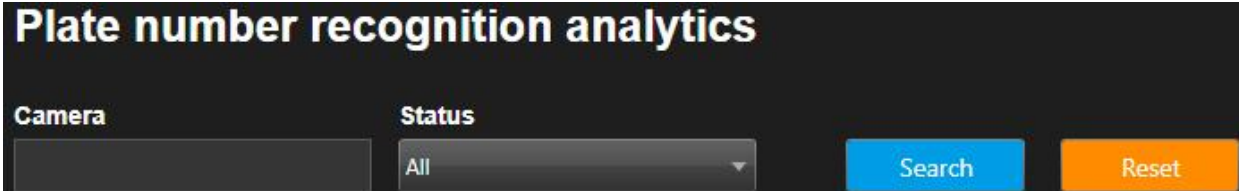


The screenshot shows the 'Plate number recognition analytics' interface. At the top, there are navigation tabs: 'Analytics', 'Search', 'Lists', 'Events', and 'Territories'. Below the navigation is the VEZHA logo and the title 'Plate number recognition analytics'. There are two input fields: 'Camera' and 'Status' (with a dropdown menu set to 'All'). To the right of these fields are 'Search' and 'Reset' buttons, and an 'Add analytic' button in the top right corner. The main area contains a table with the following columns: ID, Status, Camera, Edit, Start, and Stop. The table lists 16 rows of analytics, most with a 'Stopped' status and a red 'Stop' button, while the first row (ID 359) is 'Active' with a green 'Start' button.

ID	Status	Camera	Edit	Start	Stop
359	Active	Универмаг парковка	Edit	Start	Stop
355	Stopped	Номера Зупинка Лісопарк 2	Edit	Start	X
354	Stopped	Номера Зупинка Лісопарк 2	Edit	Start	X
351	Stopped	Номера Зупинка Лісопарк 2	Edit	Start	X
346	Stopped	Номера Зупинка Лісопарк 2	Edit	Start	X
344	Stopped	Номера Зупинка Лісопарк 2	Edit	Start	X
342	Stopped	Poland_1	Edit	Start	X
287	Stopped	Номера Зупинка Лісопарк 2	Edit	Start	X
282	Stopped	Serioga face	Edit	Start	X
281	Stopped	Serioga 1	Edit	Start	X
280	Stopped	Номера Зупинка Лісопарк 2	Edit	Start	X
214	Stopped	Serioga face	Edit	Start	X
161	Stopped	Номера Зупинка Лісопарк 2	Edit	Start	X
160	Stopped	Номера Зупинка Лісопарк	Edit	Start	X
158	Stopped	poland test2	Edit	Start	X
149	Stopped	Номера Зупинка Лісопарк 2	Edit	Start	X

4.1. Analytics Search

At the top of the screen is located search field.



This close-up shows the search controls. It includes a 'Camera' input field, a 'Status' dropdown menu currently set to 'All', a blue 'Search' button, and an orange 'Reset' button. The title 'Plate number recognition analytics' is visible at the top of the panel.

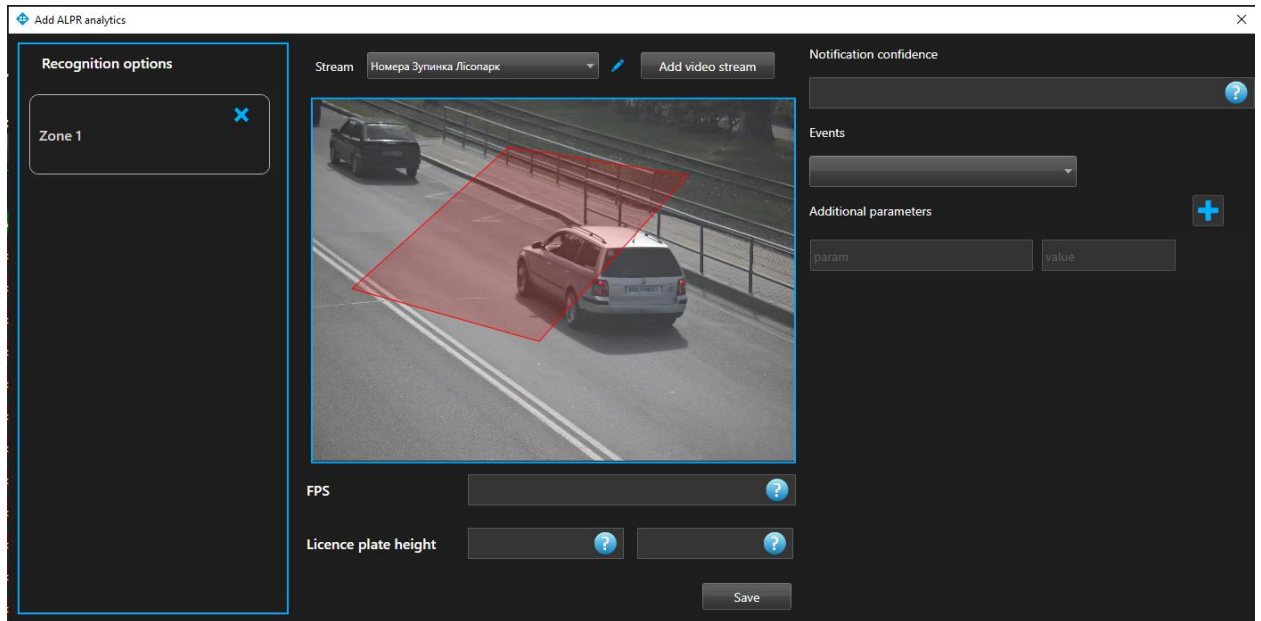
To find the analytics you need, enter the name or status of the analytics.

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

4.2. Adding of analytics

To add new analytics, click **Add analytics** in the upper right corner of the screen.

In the window that opens, fill in the fields:



Field name	Recommended value
Videostream	Click on the field and select a video stream from the drop-down list. The selected video stream will display the area in which license plate recognition will be performed.
FPS	Enter the required number of frames per second for detection in the field. The recommended value is 5.
License plate height	Enter the minimum and maximum number heights in the fields. The recommended minimum height is 15. The recommended maximum height is 70.
Notification confidence	Enter the percentage of recognition quality in the field. Sending an event occurs only upon recognition with a quality not lower than the set percentage. Possible values are from 0 to 100%
Events	From the drop-down list, select the event, according to the parameters of which notifications will come.
Additional parameters	If necessary, you can add additional parameters for their further use when creating an event. Fill in the parameter fields. To add parameters, click the “+” button. To remove the parameters press “-”.

Adding an area of interest

- Add a camera into the field **Videostream**.
- Lower the field **Videostream** will appear video from camera.
- Add zone of interest.

Click on the frame from the added video with the left mouse button. By clicking three or more times in different places of the frame with the left mouse button you will outline the area. In order for the region to be created, left-click. In this area, numbering will be carried out.

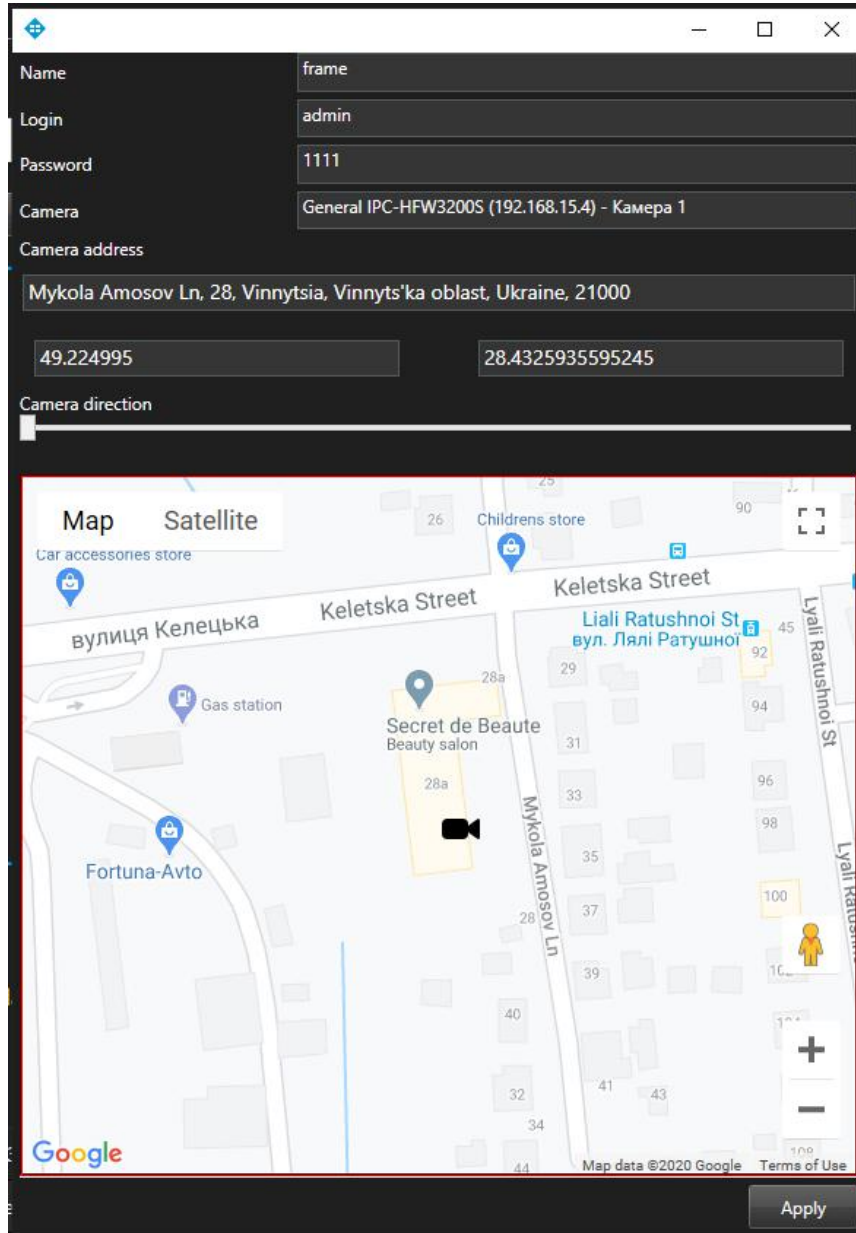
Recognition will take place in the exposed area.

To create another area, repeat the steps.



To edit the videostream click right from the field Videostream.

In way to create new videostream click **Add videostream**.



The screenshot shows a web application window with a form and a map. The form fields are as follows:

Name	frame
Login	admin
Password	1111
Camera	General IPC-HFW3200S (192.168.15.4) - Камера 1
Camera address	Mykola Amosov Ln, 28, Vinnytsia, Vinnyts'ka oblast, Ukraine, 21000
	49.224995
	28.4325935595245
Camera direction	

Below the form is a Google Map showing the location. The map includes labels for 'Keletska Street', 'Lialі Ratushnoi St', and 'Mykola Amosov Ln'. A camera icon is placed on the map at the location of 'Secret de Beaute Beauty salon'. The map also shows various points of interest like 'Gas station', 'Fortuna-Avto', and 'Childrens store'. The Google logo and 'Map data ©2020 Google' are visible at the bottom of the map. An 'Apply' button is located at the bottom right of the window.

In the window that opens, fill in the following fields:

- 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.
- Username** - enter the name of the current Milestone user in the field.
- Password**- enter the password of the current Milestone user.
- Camera** - select a camera from the drop-down list.

e. **Camera address** - enter the address in the field, or select on the map below the location of the camera (drag the camera icon). The system will automatically determine the location coordinates.

f. **Camera direction** - drag the slider to change the camera direction. Indication of camera rotation helps in determining the direction of movement of a person.

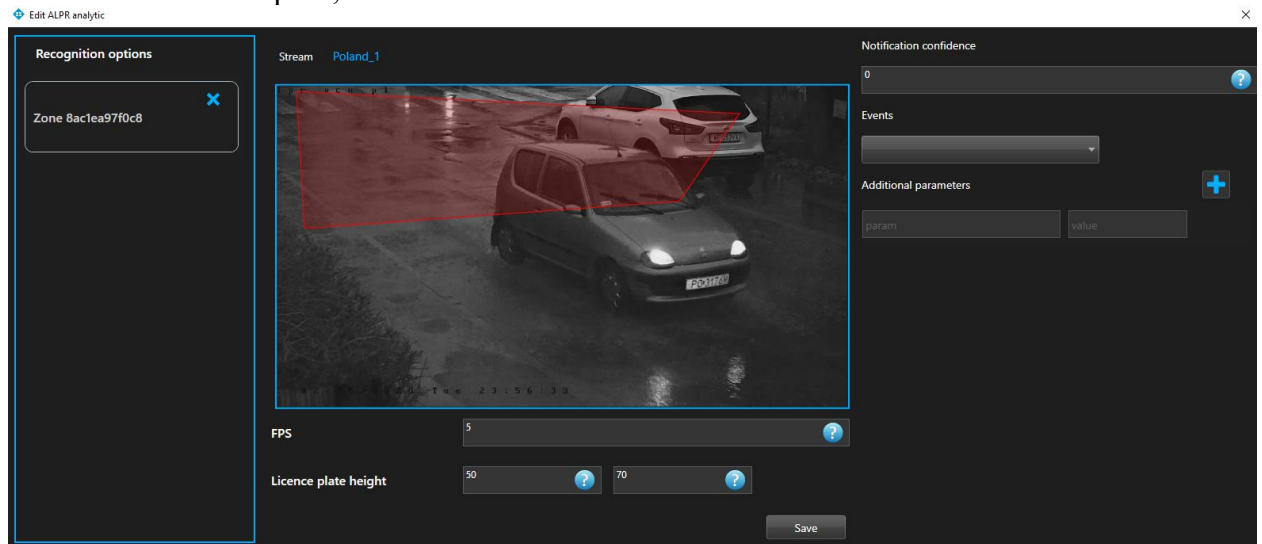
To save the changes, click **Apply**.

For analytics to be created, click **Save**.

4.3. Editing, changing status, deleting analytics

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

In the window that opens, fill in the fields:



Field name	Recommended value
FPS	Enter the required number of frames per second for detection in the field. Recommended value - 5.
License plate height	Enter the minimum and maximum number heights in the fields. The recommended minimum height is 15. The recommended maximum height is 70.
Notification confidence	Enter the percentage of recognition quality in the field. Sending an event occurs only upon recognition with a quality not lower than the set percentage. Possible values are from 0 to 100%
Events	Select an event from the drop-down list, according to the parameters of which notifications will come).
Additional parameters	If necessary, you can add additional parameters for their further use when creating an event. Fill in the parameter fields. To add parameters, click the "+" button. To remove the parameters press "-".

Add an area of interest

- Add a camera to the Video Stream field.
- Video from the added camera will appear below the Video Stream field.
- Add a zone of interest.

Click on the frame from the added video with the left mouse button. By clicking three or more times in different places on the frame with the left mouse button, you will outline the area. In order for the region to be created, right-click. In this area, numbering will be carried out.

Recognition will take place in the exposed area.

To create another area, repeat the steps.

Click Save to save your changes.

To start / stop analytics, click the **Start / Stop** button.



To remove the analytics click

5. Search

The screenshot displays the VEZHA software interface. At the top, there are navigation tabs: Analytics, Search, Lists, Events, and Territories. The 'Search' tab is active, showing a search form with fields for 'Number', 'Period', and 'Camera'. Below the form is a table of search results. To the right of the table is a video stream showing a street scene with a white car. A license plate overlay is visible on the video, displaying 'UA AB 7767 EA'.

Number	Camera	Confidence	Date
7TAX	Универмаг парковка	50%	18-05-2020 19:49:30
AB 7767 EA	Универмаг парковка	67%	18-05-2020 19:43:15
AB204E8	Универмаг парковка	93%	18-05-2020 19:08:08
AA 9483 KC	Универмаг парковка	99%	18-05-2020 19:00:12
AA 9483 KC	Универмаг парковка	98%	18-05-2020 19:00:12
AA 9483 KC	Универмаг парковка	93%	18-05-2020 19:00:11
AA 9483 KC	Универмаг парковка	90%	18-05-2020 19:00:11
TAX0	Универмаг парковка	55%	18-05-2020 18:44:00
TAX6	Универмаг парковка	60%	18-05-2020 18:43:59

In order to find the right vehicle, fill in the fields.

1. **Number** - enter the vehicle number in the field.

2. **Period** - select the time period for which you want to search.

3. **Camera** - mark the cameras on which the search should take place.

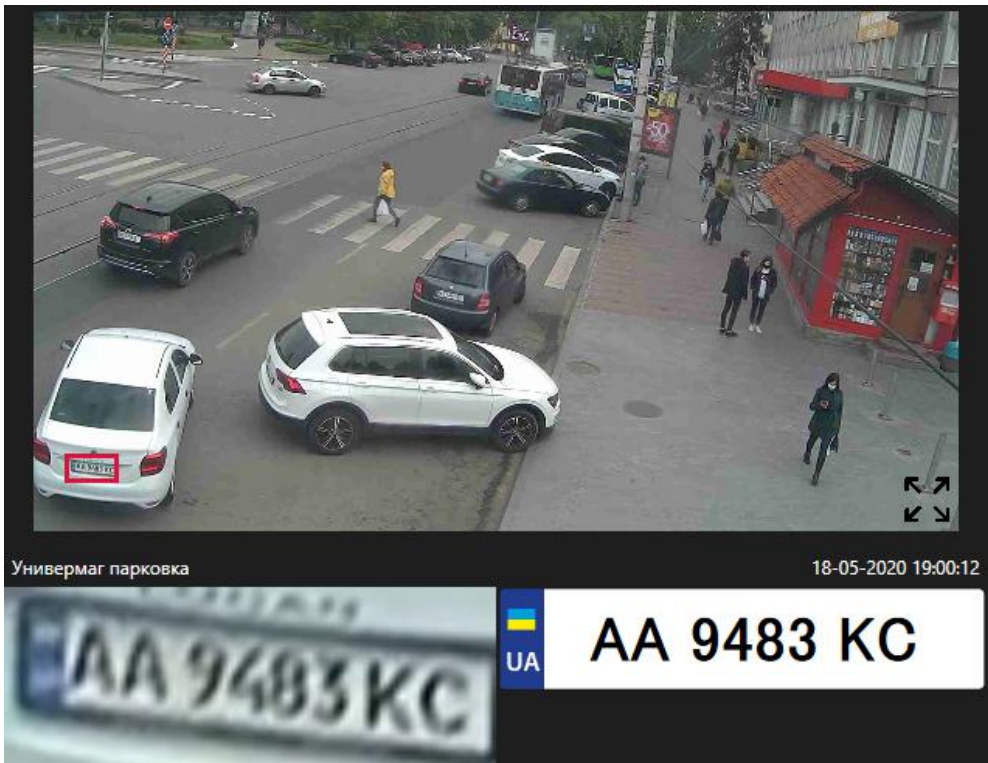
Click **Search** to display the search results. Click **Reset** to clear the input fields.

The screenshot displays the VEZHA search interface. At the top, there are tabs for 'Analytics', 'Search', 'Lists', 'Events', and 'Territories'. The 'Search' tab is active. Below the tabs, the 'Search' section includes a 'Number' field, a 'Period' dropdown menu set to '18-05-2020 00:00:00 - 18-05-2020 23:59:59', and a 'Camera' dropdown menu set to 'All'. There are 'Search' and 'Reset' buttons. Below the search fields, there are navigation controls for '1 of 2' pages and 'Export: JSON Excel' options. The main content is a table with the following columns: 'Number', 'Camera', 'Confidence', and 'Date'. The table contains 12 rows of data. On the right side of the interface, there is a video preview window showing a street scene at night with a red car. Below the video, there is a license plate recognition result showing the license plate 'AB 3337 EA' with a Ukrainian flag icon.

Number	Camera	Confidence	Date
AB37A	Универмаг парковка	69%	18-05-2020 22:40:52
AB 3337 EA	Универмаг парковка	93%	18-05-2020 22:40:51
AB 3337 EA	Универмаг парковка	89%	18-05-2020 22:40:50
B37E	Универмаг парковка	74%	18-05-2020 22:40:50
7TAX	Универмаг парковка	50%	18-05-2020 19:49:30
AB 7767 EA	Универмаг парковка	67%	18-05-2020 19:43:15
AB294EB	Универмаг парковка	93%	18-05-2020 19:08:08
AA 9483 KC	Универмаг парковка	99%	18-05-2020 19:06:12
AA 9483 KC	Универмаг парковка	98%	18-05-2020 19:06:12
AA 9483 KC	Универмаг парковка	93%	18-05-2020 19:06:11

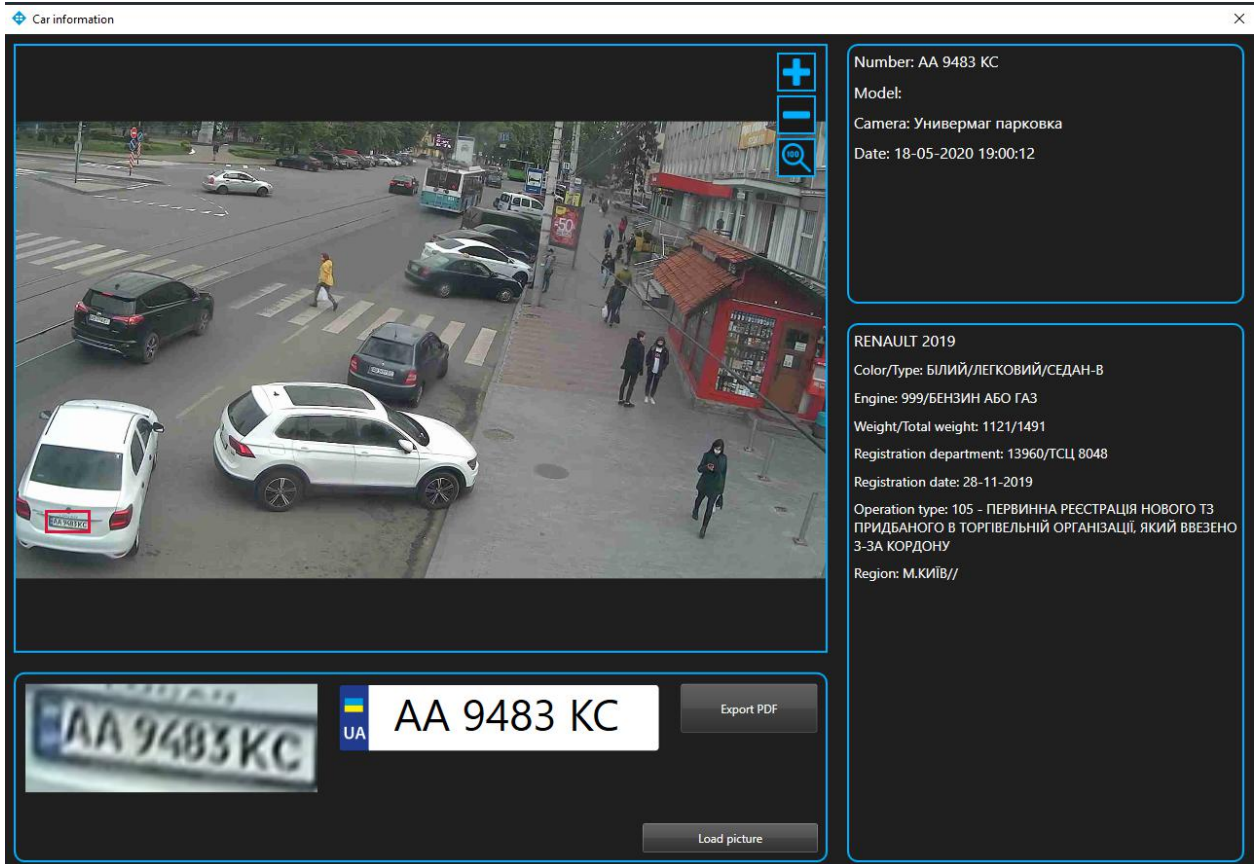
5.1 Work with vehicle recognition records

The list of vehicle records consists of the following fields: number, make, recognition accuracy, date. When you click on the vehicle's record, a screenshot of the vehicle from the camera and information about the vehicle are displayed on the right side of the screen.



The list of found records can be exported in **JSON** or **Excel** format. To select a specific period, click the **Search** button and click **JSON** or **Excel**.





Car information

Number: AA 9483 KC
Model:
Camera: Универмаг парковка
Date: 18-05-2020 19:00:12

RENAULT 2019
Color/Type: БІЛИЙ/ЛЕГКОВИЙ/СЕДАН-В
Engine: 999/БЕНЗИН АБО ГАЗ
Weight/Total weight: 1121/1491
Registration department: 13960/ТСЦ 8048
Registration date: 28-11-2019
Operation type: 105 - ПЕРВИННА РЕЄСТРАЦІЯ НОВОГО ТЗ ПРИДБАНОГО В ТОРГІВЕЛЬНІЙ ОРГАНІЗАЦІЇ, ЯКИЙ ВВЕЗЕНО З-ЗА КОРДОНУ
Region: М.КИЇВ//

AA 9483 KC

Export PDF

Load picture

Click the **Export PDF** button to download the vehicle information file in PDF format.

Click **Download Image** to download the image of the recognized vehicle.

6.Lists

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

The screenshot shows the 'Lists' management interface. At the top, there are navigation tabs: Analytics, Search, Lists, Events, and Territories. Below the tabs, the 'Lists' section is displayed. It includes a search bar for 'Name' with a 'Search' button and a 'Reset' button, and another search bar for 'Number' with a 'Search' button. An 'Add a list' button is located in the top right corner. Below the search bars, there is a table with the following columns: Name, Numbers quantity, Camera, Notifications, Date, and Color. The table contains 10 rows of data.

Name	Numbers quantity	Camera	Notifications	Date	Color
11	0	All	<input type="checkbox"/>	28-04-2020 18:01:06	
12	0	All	<input type="checkbox"/>	24-12-2019 11:38:50	
test1	0	1	<input type="checkbox"/>	19-12-2019 16:04:15	
test55	0	All	<input type="checkbox"/>	24-12-2019 18:25:43	
testSerioga	0	All	<input checked="" type="checkbox"/>	10-03-2020 17:25:54	
test_list2	0	2	<input type="checkbox"/>	19-12-2019 16:07:26	
Белый список	1	All	<input checked="" type="checkbox"/>	28-11-2019 18:13:53	
новая территория	0	2	<input type="checkbox"/>	14-01-2020 16:51:05	
территория 1	0	1	<input type="checkbox"/>	16-01-2020 12:44:00	

6.1 Lists search

At the top of the screen is a search field.

In order to find the desired list, enter its name in the search field.

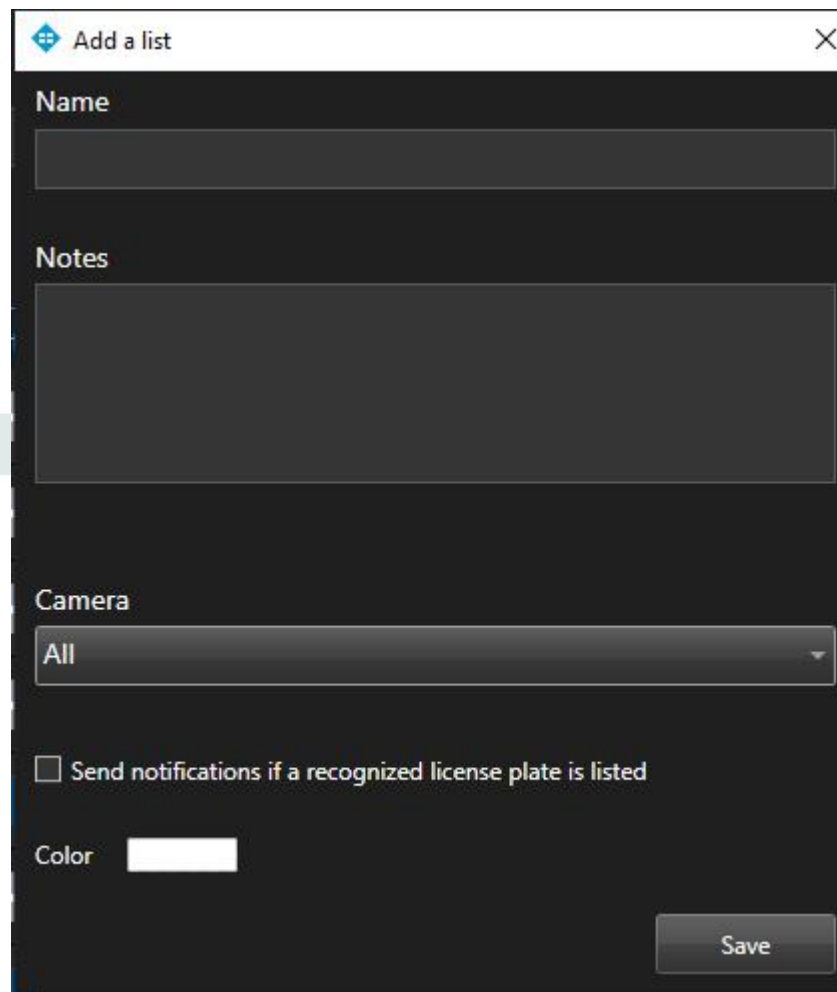
This close-up screenshot shows the search interface. It features two input fields: 'Name' and 'Number'. Below the 'Name' field are two buttons: 'Search' (blue) and 'Reset' (orange). Below the 'Number' field is a 'Search' button (blue).



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

To search by number, enter the vehicle number in the **Number** field and click the **Search** button.

6.2 Adding and editing of lists

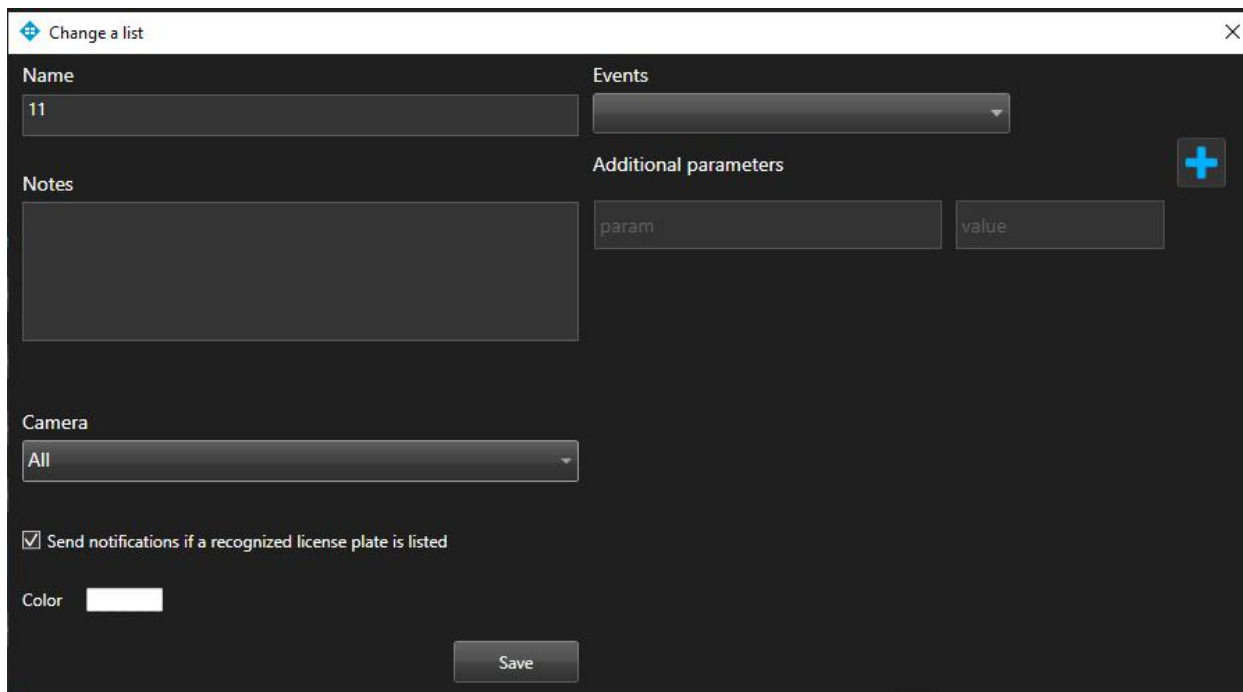
To add a new entry, click **Add List** in the upper right corner of the screen.





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 entry.
Notes	This field is intended to describe the purpose of the created record. Enter a description for the entry in the Note box.
Color	Click on the field, indicate the color of the list.
Send notifications if a recognized license plate is listed	To send notifications of found vehicle numbers to external resources, check the box.
Events	Select an event from the drop-down list, according to the parameters of which notifications will be received.
Additional parameters	If necessary, you can add additional parameters for their further use when creating an event. Fill in the parameter fields. To add parameters, click  . To remove parameters click  .

In order for the record to be created, click **Save**.

To edit click  right from the record.

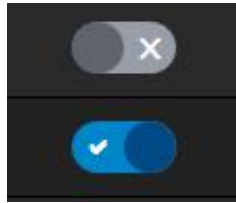


Field name	Recommended value
Name	Enter a name for the entry in the field. This field will be displayed in all components of the program that use this entry.
Notes	This field is intended to describe the purpose of the created record. Enter a description for the entry in the Note box.
Color	Click on the field, indicate the color of the list.
Send notifications if a recognized license plate is listed	To send notifications of found vehicle numbers to external resources, check the box.
Events	Select an event from the drop-down list, according to the parameters of which notifications will be received.
Additional parameters	If necessary, you can add additional parameters for their further use when creating an event. Fill in the parameter fields. To add parameters, click  . To remove parameters click  .

In order for the changes to be accepted, click **Save**.

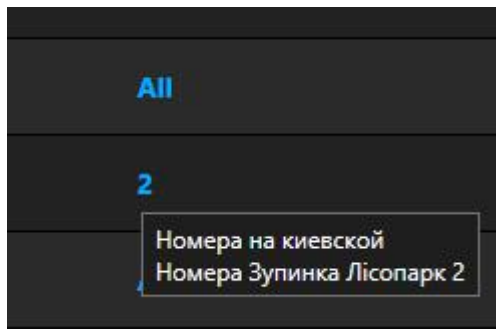
To remove the record  click to the right part of the record.

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



6.3 Viewing of the lists

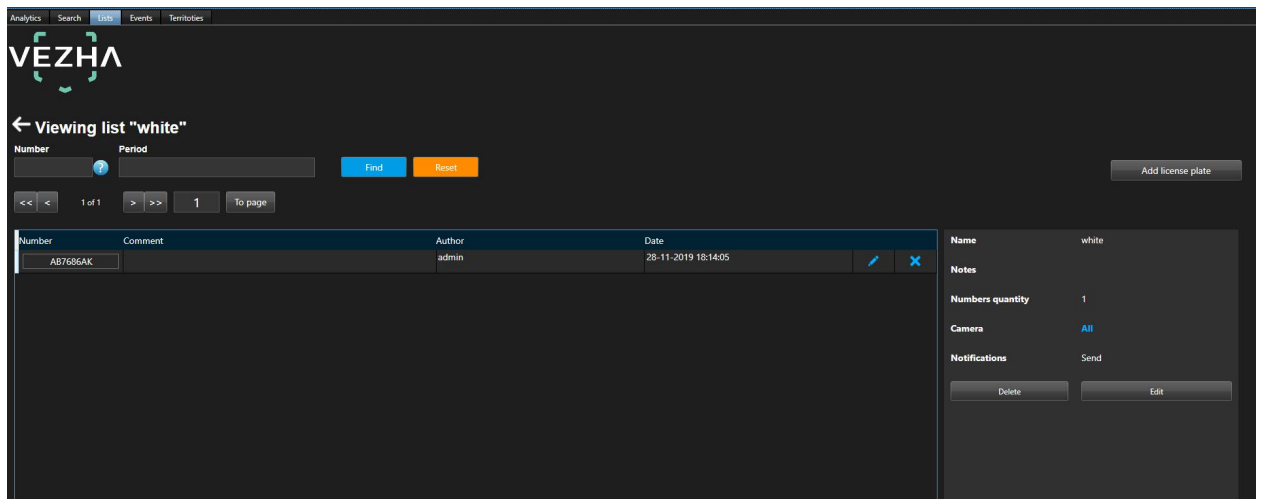
To view the information about the cameras that are being monitored in the list, move the mouse over the number of cameras in the list entry.



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



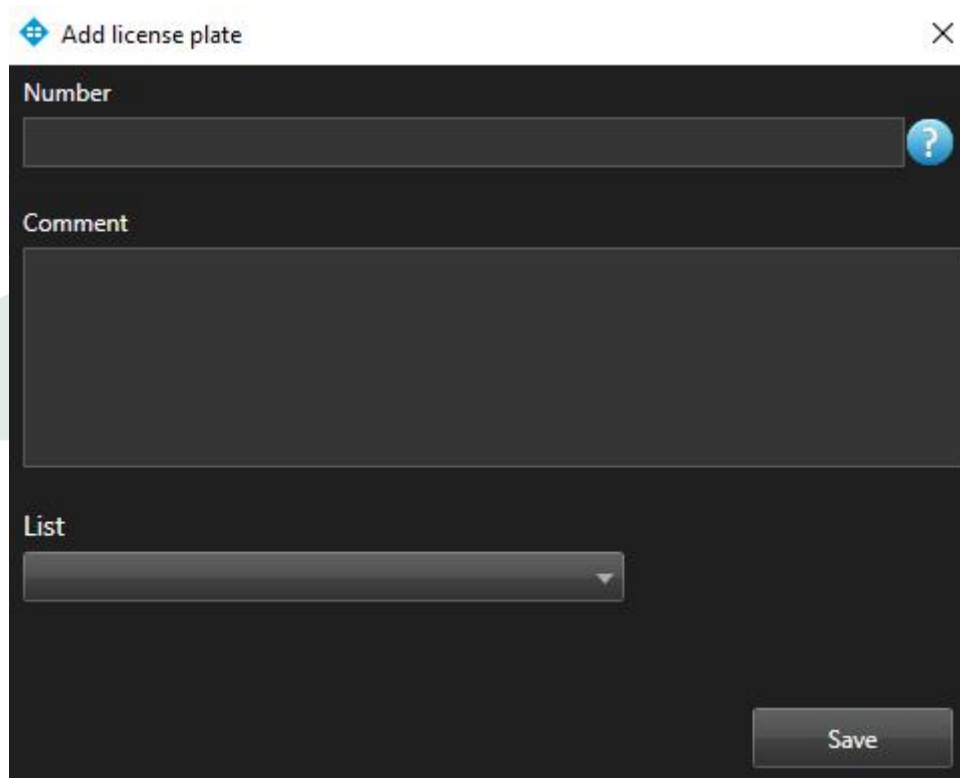
When clicked, you will go to the list view tab. To go back, click left from the tab.



6.3.1 Adding and editing the license plate


To add a new entry, click **Add number** in the upper right corner of the screen.

In the window that opens, fill in the fields:



Field name	Recommended value
Number	Enter the number of the vehicle you want to add in the field. The search will take place on the cameras that were selected when creating the list.
Message	Enter the text of the notification that will be received when a vehicle is detected.
List	Choose the list to add a record

In order for the record to be created, click **Save**.

To edit a record, click  right from the record.

In the window that opens, fill in the fields:

Field name	Recommended value
Number	Enter the number of the vehicle you want to add in the field. The search will take place on the cameras that were selected when creating the list.
Message	Enter the text of the notification that will be received when a vehicle is detected.
List	Choose the list to add a record

In order for the changes to be accepted, click **Save**.

To delete the list, click **Delete**.

To delete a record, click  at the right part of the record.

6.3.2 Viewing of the notifications

To view the notification, click on the vehicle number.

Card AP2888EA Export PDF

Car number: AP2888EA


Comment:


Responsible:

Author: incoresoft

Created 11-06-2019 16:51:10

Edit





AP 2888 EA

FORD FUSION 2015

Color/Type: ЧОРНИЙ/ЛЕГКОВИЙ/СЕДАН-В

Engine: 2500/БЕНЗИН


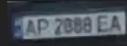
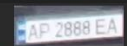

Weight/Total weight: 1554/2023

Registration department: 2341/Центр 2341

Registration date: 13-06-2017

Operation type: 172 - ПЕРВИННА РЕЄСТРАЦІЯ ЛЕГКОВИХ ТЗ, ЯКІ ВВЕЗЕНО З-ЗА КОРДОНУ

Region: ЗАПОРІЗЬКА ОБЛАСТЬ//ЗАПОРІЖЖЯ

Camera	Title	Object	Brand	Date	Video	Frame	Accepted By
Зап тест 49001	AP2888EA		FORD MONDEO 2014-2019	18-08-2019 12:39:58		Frame	admin
Route	AP2888EA			16-08-2019 13:49:11		Frame	admin
Зап тест 49001	AP2888EA		FORD MONDEO 2014-2019	15-08-2019 09:06:00		Frame	Accept
Route	AP2888EA			27-07-2019 08:06:30		Frame	Accept

Click on **Edit** to change wanted notifications.

In the window that opens, you can change the following fields:

Edit number
✕

Number

Comment

List

white
▼

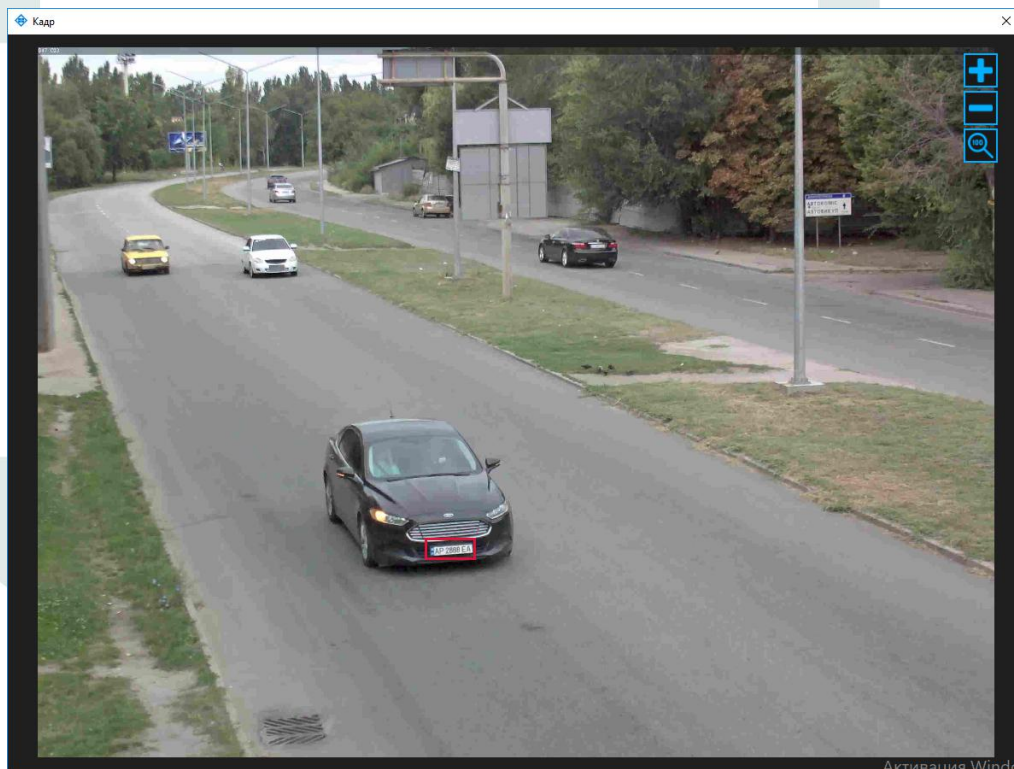
Save

Field name	Recommended value
Number	Enter the number of the vehicle you want to add in the field. The search will take place on the cameras that were selected when creating the list.
Message	Enter the text of the notification that will be received when a vehicle is detected.
List	Choose the list to add a record

In order for the changes to be accepted, click **Save**.

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

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



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



Click on the icon  you can view the recording of vehicle movement from the camera.

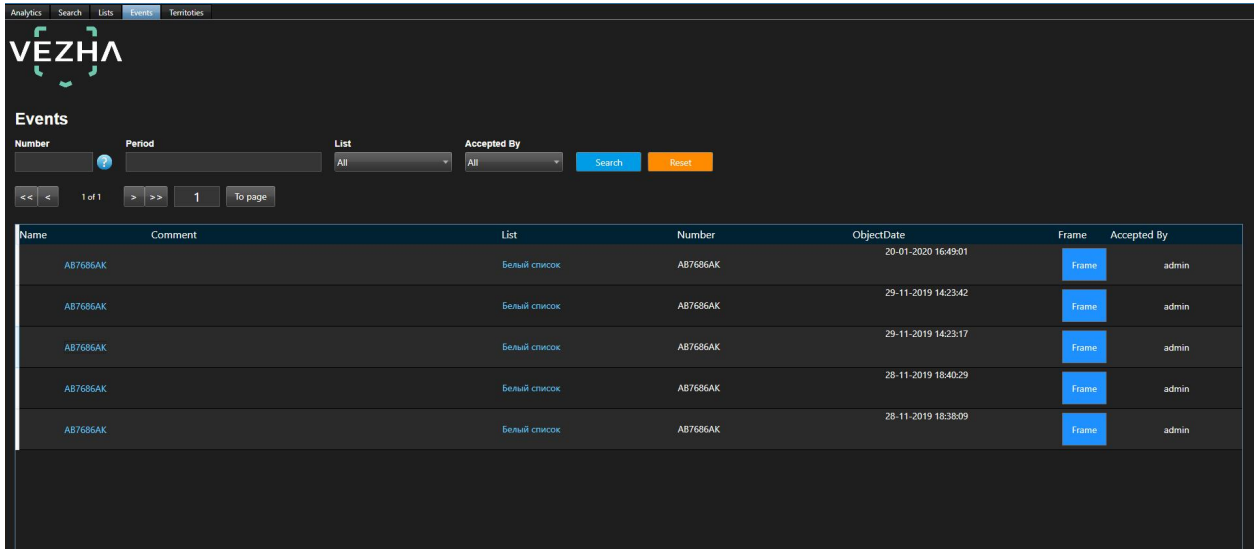


Click on the icon  a window will appear showing the location of the camera.

Click on the enlargement icon to view a larger image.

7.Events

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

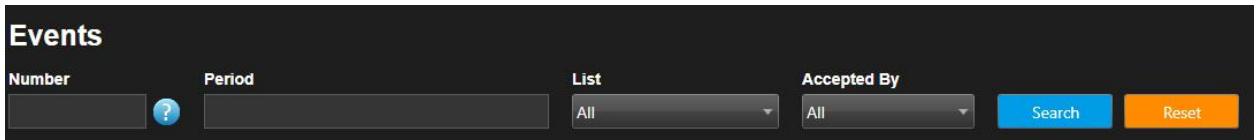


The screenshot shows the VEZHA Events page. At the top, there are navigation tabs for Analytics, Search, Lists, Events, and Territories. Below the VEZHA logo, the page title is "Events". There are four search filters: "Number" (with a help icon), "Period" (with a help icon), "List" (dropdown menu set to "All"), and "Accepted By" (dropdown menu set to "All"). There are "Search" and "Reset" buttons. Below the filters, there are pagination controls showing "1 of 1" and "To page" with a "1" button. The main content is a table with the following columns: Name, Comment, List, Number, ObjectDate, Frame, and Accepted By. The table contains five rows of event data.

Name	Comment	List	Number	ObjectDate	Frame	Accepted By
AB7686AK		Большой список	AB7686AK	20-01-2020 16:49:01	Frame	admin
AB7686AK		Большой список	AB7686AK	29-11-2019 14:23:42	Frame	admin
AB7686AK		Большой список	AB7686AK	29-11-2019 14:23:17	Frame	admin
AB7686AK		Большой список	AB7686AK	28-11-2019 18:40:29	Frame	admin
AB7686AK		Большой список	AB7686AK	28-11-2019 18:38:09	Frame	admin

7.1 Search of the events

At the top of the screen is a search field



This is a close-up of the search filters section. It includes the "Events" title, the "Number" input field with a help icon, the "Period" input field with a help icon, the "List" dropdown menu (set to "All"), the "Accepted By" dropdown menu (set to "All"), and the "Search" and "Reset" buttons.

In order to find the necessary notifications you can use the following fields:

1) Number

Enter the vehicle number in the field.

2) Period

Click on the field and select the desired time period.

3) List

Click on the field and select the desired list.

4) Accepted

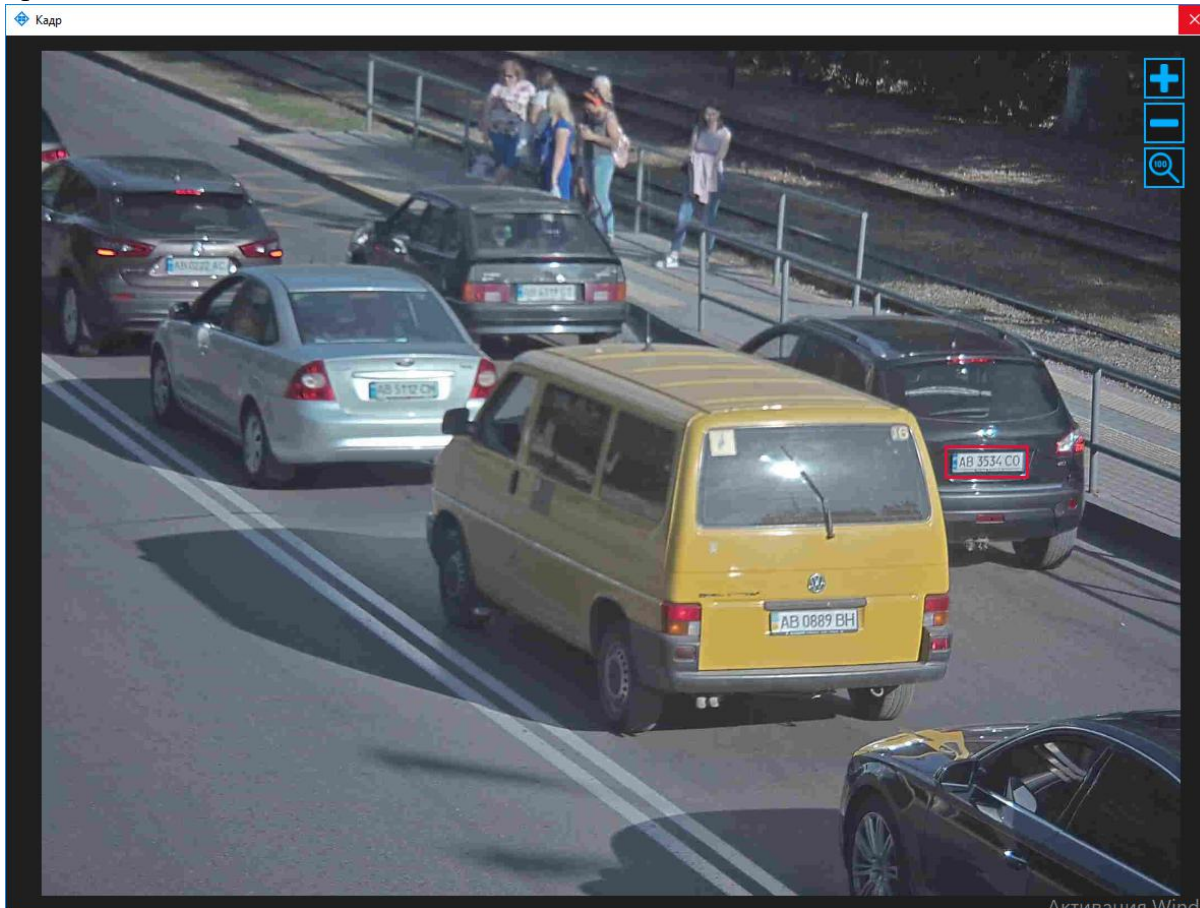
Click on the field and select the user who received the notifications.

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

7.2. Work with vehicle notification records

The list of notification entries consists of the following fields: name, message, list, number, object, video, frame, received.

When you click **Frame**, a window with a snapshot of the found vehicle will open.

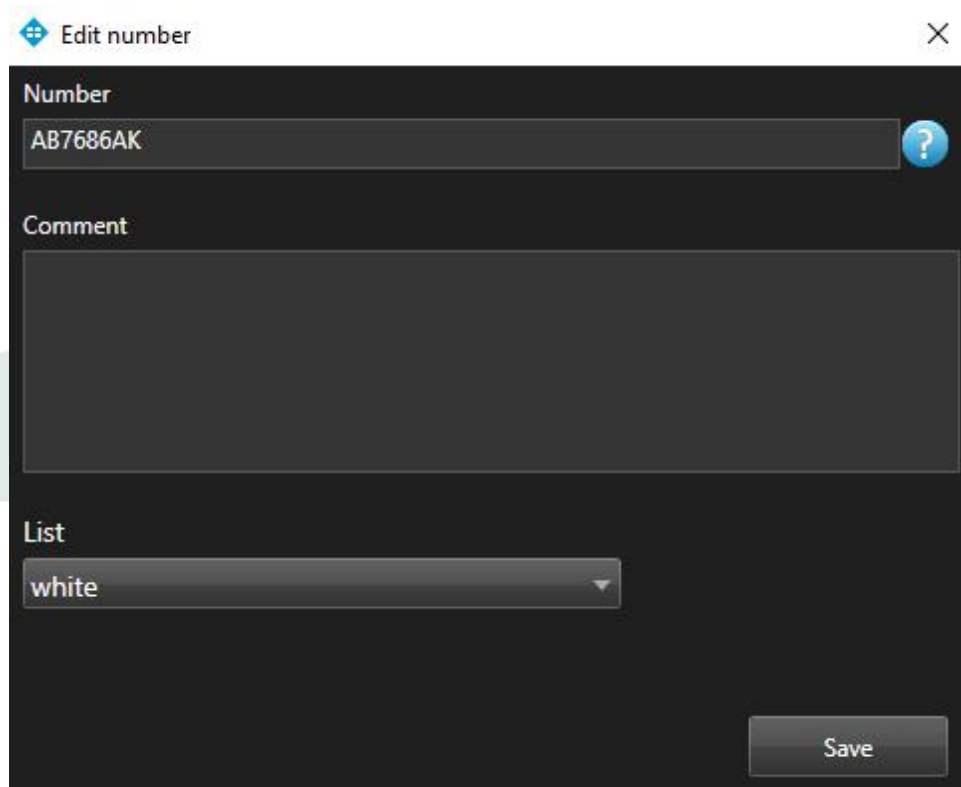


To accept the notification click **Accept**.

When you click on a number in the title of the notification record, you will be taken to a section to view information about this number.

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

In the window that opens, you can change the following fields:

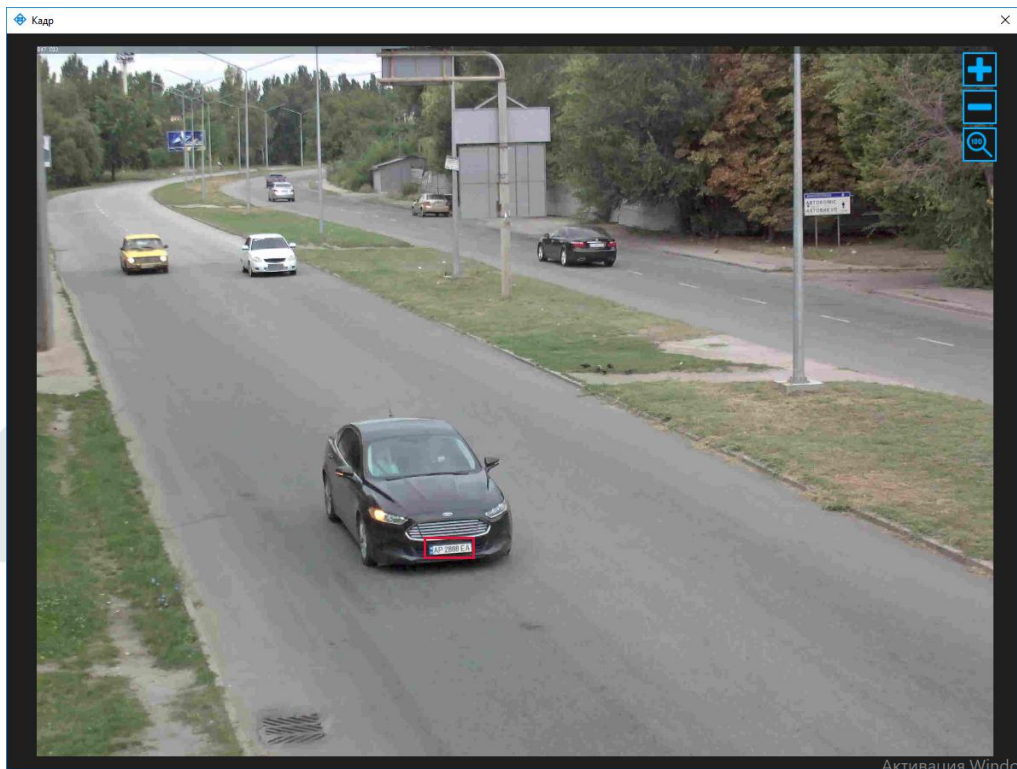


Field name	Recommended value
Number	Enter the number of the vehicle you want to find in the field. The search will take place on the cameras that were selected when creating the list.
Message	Enter the text of the notification that will be received when a vehicle is detected.
List	To change the list in which the number is located, select another list.

In order for the changes to be accepted, click **Save**.

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

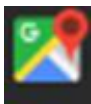
To view a frame from a recording, click on the Frame in the right part of the recording.



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



Click on the  you can view the recording of vehicle movement from the camera.

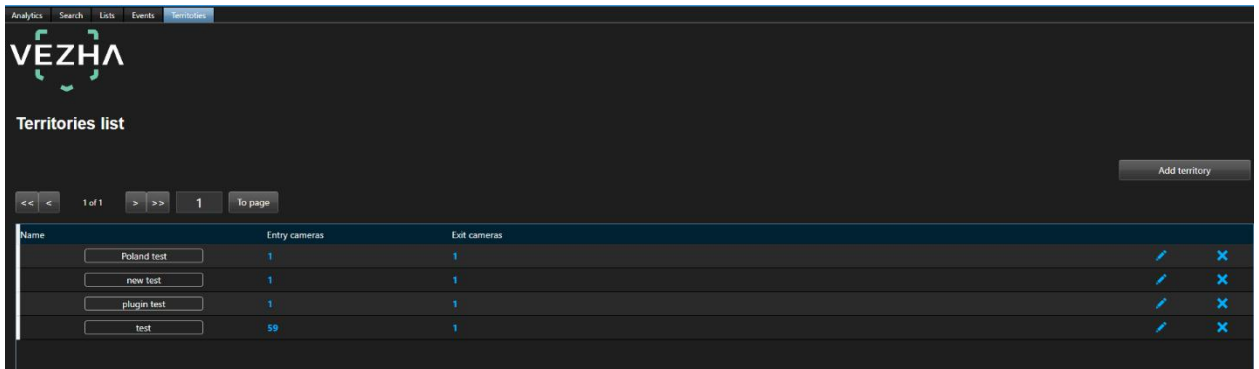


Click the  a window will appear showing the location of the camera.

Click on the enlargement icon to view a larger image.

8. Territories

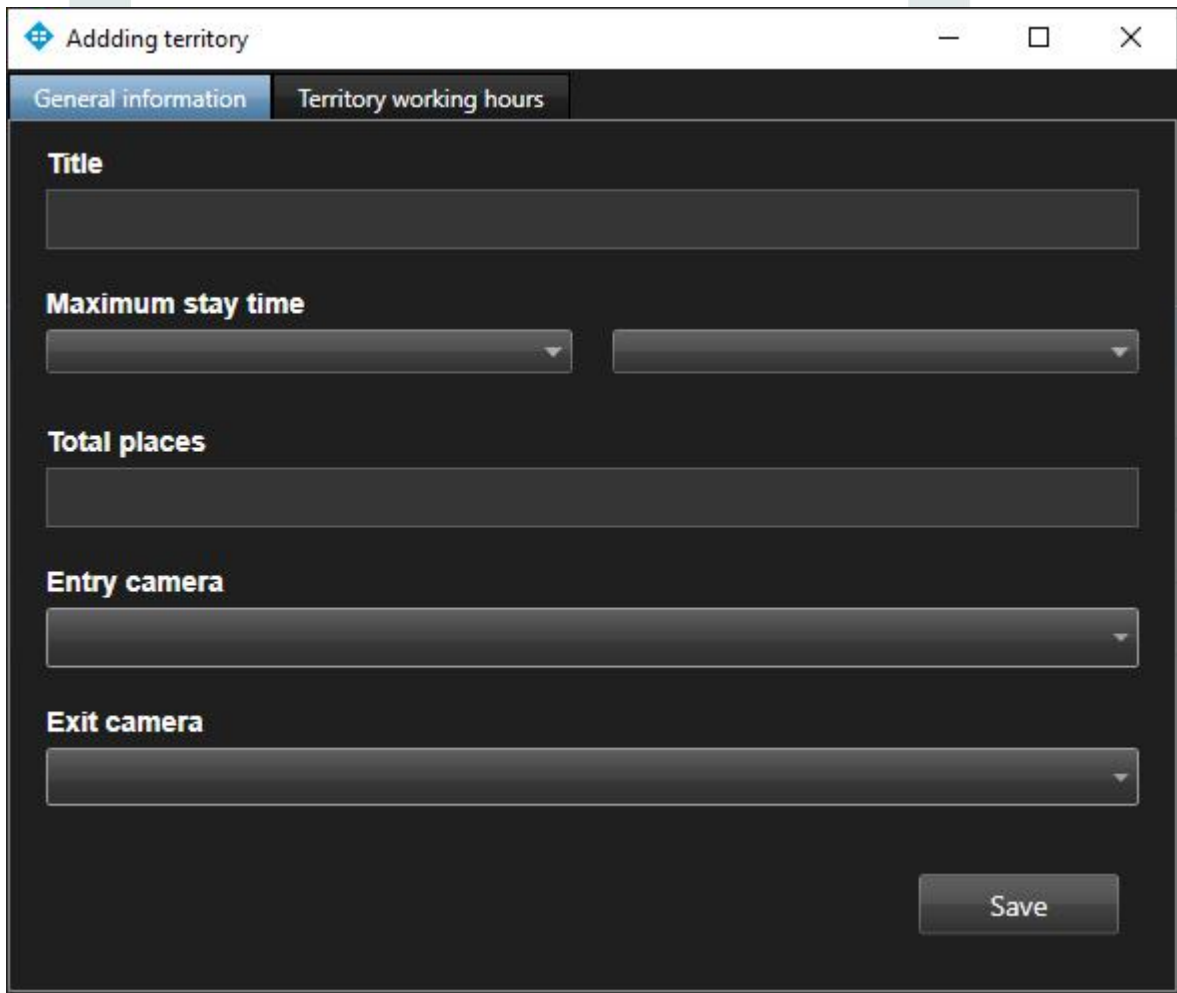
To control the entry and exit for any of the territories, select the **Territories** menu item.



Name	Entry cameras	Exit cameras		
Poland test	1	1		
new test	1	1		
plugin test	1	1		
test	59	1		

8.1 Adding of territory

To add a new territory, click the **Add Territory** button on the territories page.



Adding territory

General information | Territory working hours

Title

Maximum stay time

Total places

Entry camera

Exit camera

Save

Field name	Recommended Value
Title	Enter a name for the entry in the field. This field will be displayed in all components of the program that use this entry..
Maximum stay time	Indicate what time the vehicle has the right to stay in this territory.
Total places	Indicate the maximum number of vehicles that can simultaneously be in the territory
Entry camera	Click on the field and select the cameras from the drop-down list that will record the entry of vehicles into the territory.
Exit camera	Click on the field and select the cameras from the drop-down list that will record the exit of vehicles from the territory.

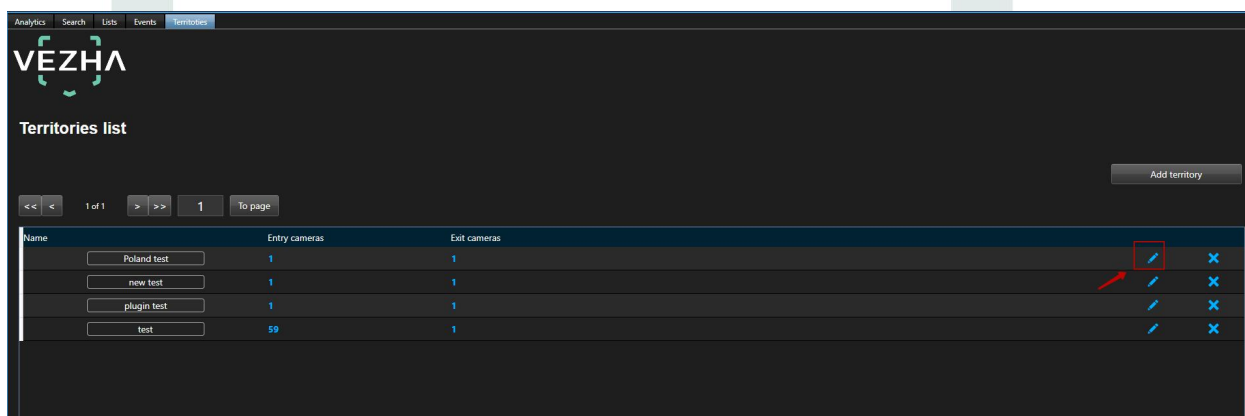
To set the working hours of the territory, click on the appropriate tab in the territory creation window.

Indicate the hours of operation of the territory for each day of the week in the format: hour of work start, minute of work start, hour of work end, minute of work end. To do this, select the values in the appropriate fields. In cases where the territory does not work for certain days, uncheck the box next to the corresponding day in the right part of the window.

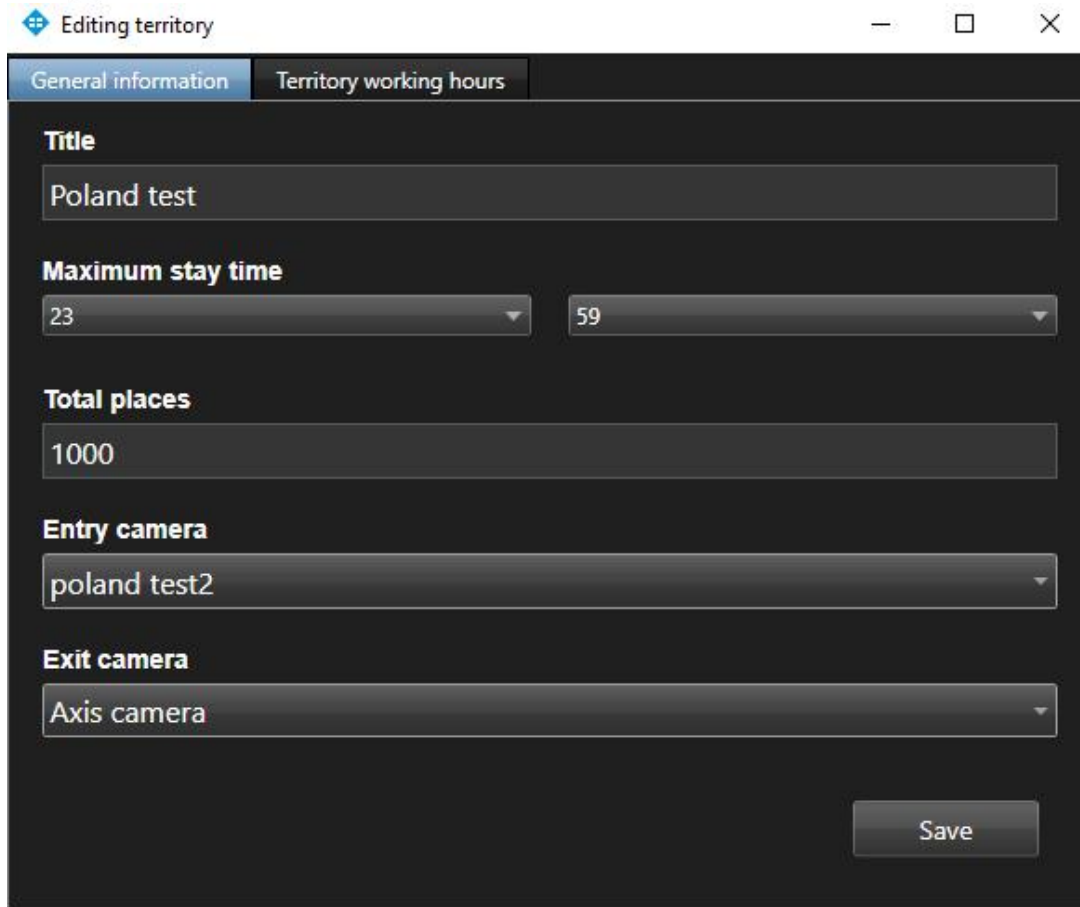
To create a territory, click the **Save** button.

8.2 Editing of territory

To edit the territory, click the edit icon.



In the window that opens, fill in the fields:



The screenshot shows a window titled "Editing territory" with two tabs: "General information" (selected) and "Territory working hours". The "General information" tab contains the following fields:

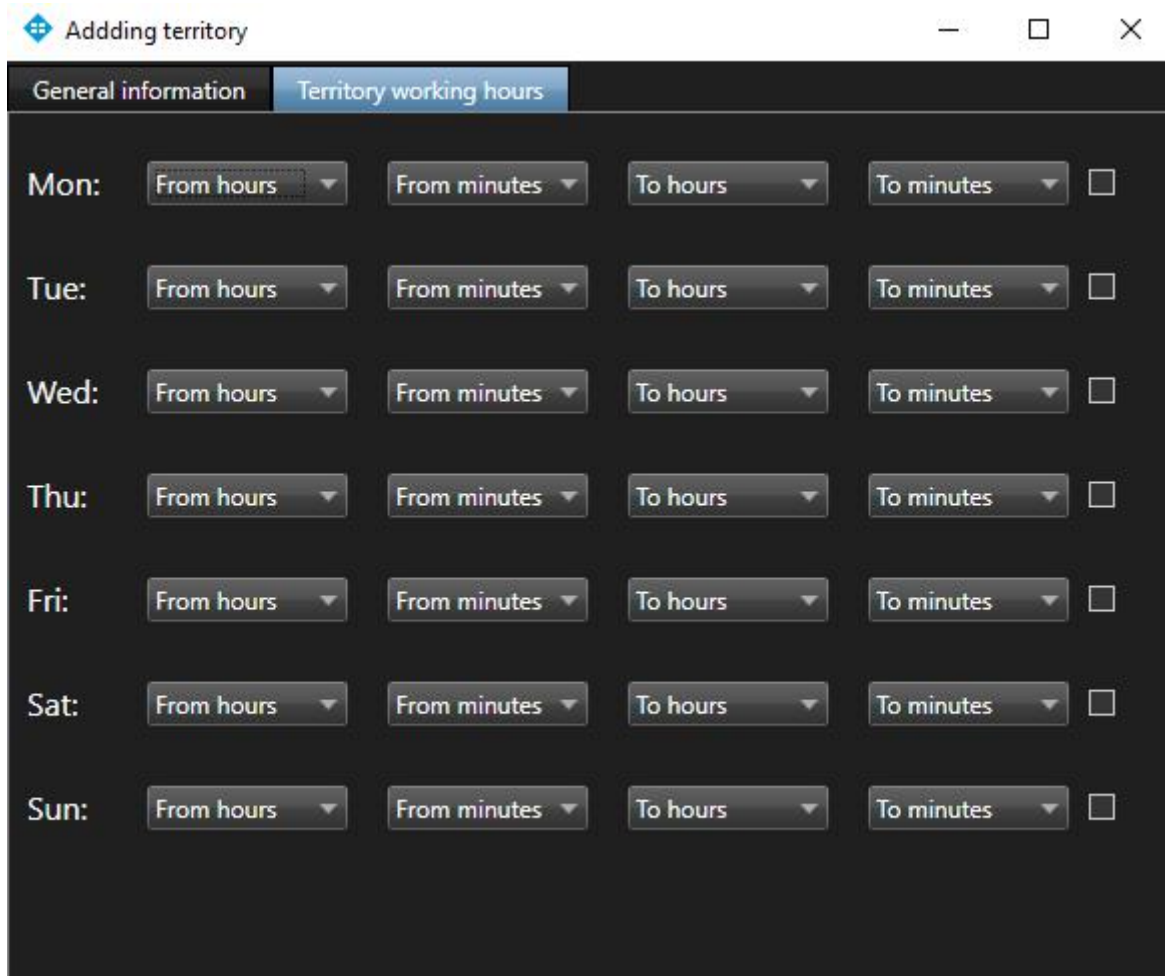
- Title:** A text input field containing "Poland test".
- Maximum stay time:** Two dropdown menus. The first is set to "23" and the second to "59".
- Total places:** A text input field containing "1000".
- Entry camera:** A dropdown menu containing "poland test2".
- Exit camera:** A dropdown menu containing "Axis camera".
- Save:** A button at the bottom right.

Field name	Recommended Value
Title	Enter a name for the entry in the field. This field will be displayed in all components of the program that use this entry..
Maximum stay time	Indicate what time the vehicle has the right to stay in this territory.
Total places	Indicate the maximum number of vehicles that can simultaneously be in the territory
Entry camera	Click on the field and select the cameras from the drop-down list that will record the entry of vehicles into the territory.
Exit camera	Click on the field and select the cameras from the drop-down list that will record the exit of vehicles from the territory.

Indicate the hours of operation of the territory for each day of the week in the format: hour of work start, minute of work start, hour of work end, minute of work end.

To do this, select the values in the appropriate fields. In cases where the territory does not work for certain days, uncheck the box next to the corresponding day in the right part of the window.

To change the territory, click the **Save** button..



Adding territory

General information | Territory working hours

Mon: From hours From minutes To hours To minutes

Tue: From hours From minutes To hours To minutes

Wed: From hours From minutes To hours To minutes

Thu: From hours From minutes To hours To minutes

Fri: From hours From minutes To hours To minutes

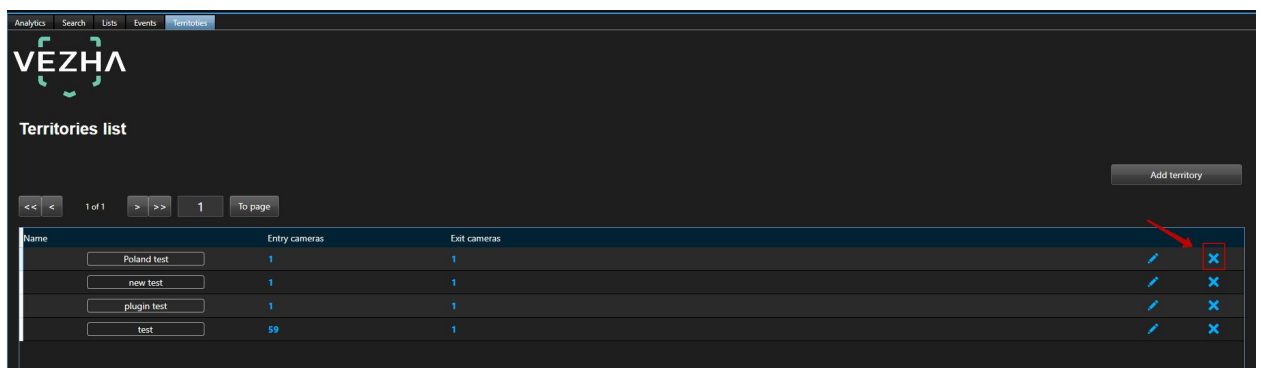
Sat: From hours From minutes To hours To minutes

Sun: From hours From minutes To hours To minutes

8.3. Working with records of territories

Records of lists of territories consist of the following fields: name, camera entry, camera exit.

To delete a territory, click the delete icon.











Analytics Search Lists Events Territories

VEZHA

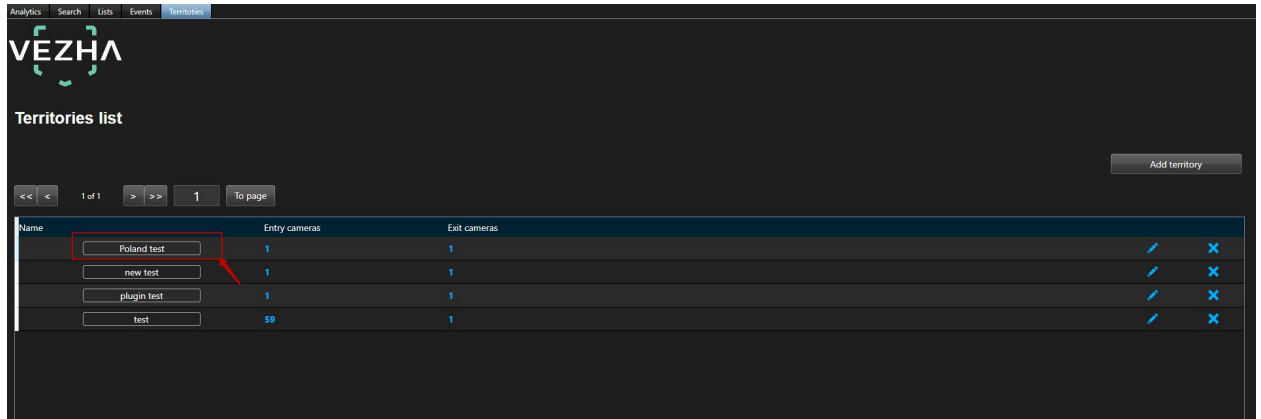
Territories list

Add territory

<< < 1 of 1 > >> 1 To page

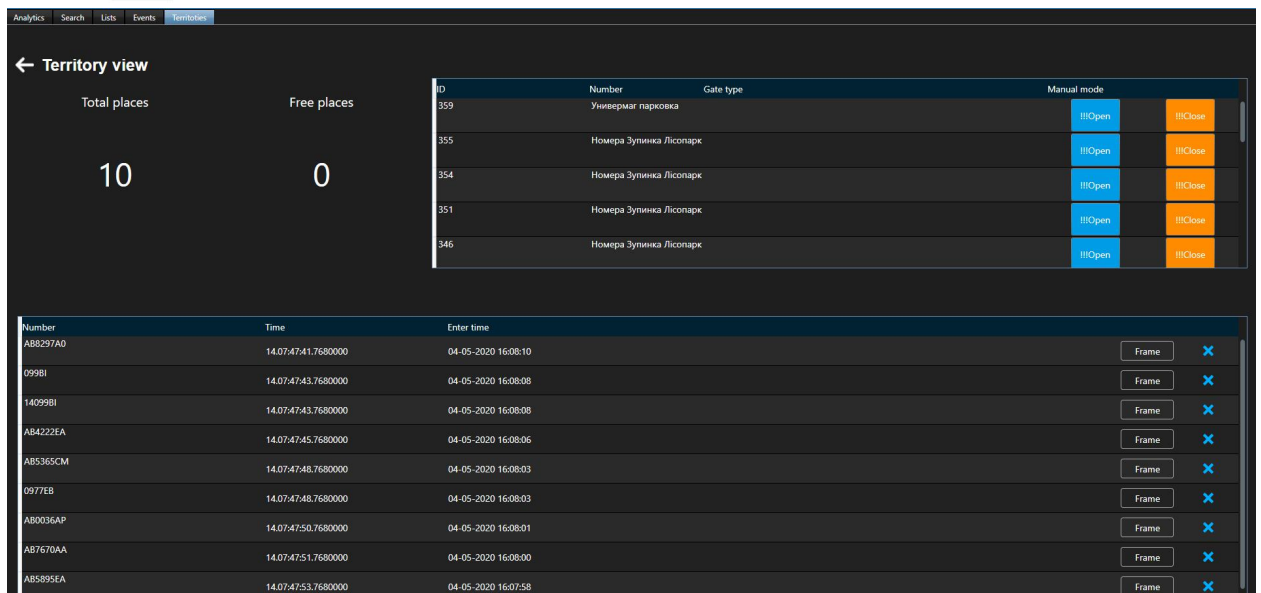
Name	Entry cameras	Exit cameras		
Poland test	1	1		
new test	1	1		
plugin test	1	1		
test	59	1		

To view the territory, click on the name of the territory.



Name	Entry cameras	Exit cameras
Poland test	1	1
new test	1	1
plugin test	1	1
test	59	1

Will open the page of viewing the territory:



ID	Number	Gate type	Manual mode
359	Універмаг парковка		!!!Open !!!Close
355	Номера Зупинка Лісопарк		!!!Open !!!Close
354	Номера Зупинка Лісопарк		!!!Open !!!Close
351	Номера Зупинка Лісопарк		!!!Open !!!Close
346	Номера Зупинка Лісопарк		!!!Open !!!Close

Number	Time	Enter time
AB8297AD	14.07.47:41.7680000	04-05-2020 16:08:10
0998I	14.07.47:43.7680000	04-05-2020 16:08:08
140998I	14.07.47:43.7680000	04-05-2020 16:08:08
AB4222EA	14.07.47:45.7680000	04-05-2020 16:08:06
AB5365CM	14.07.47:48.7680000	04-05-2020 16:08:03
0977EB	14.07.47:48.7680000	04-05-2020 16:08:03
AB0036AP	14.07.47:50.7680000	04-05-2020 16:08:01
AB7670AA	14.07.47:51.7680000	04-05-2020 16:08:00
AB5895EA	14.07.47:53.7680000	04-05-2020 16:07:58

For manual closing / opening of barriers, use the corresponding buttons.



ID	Number	Gate type	Manual mode
359	Універмаг парковка		!!!Open !!!Close
355	Номера Зупинка Лісопарк		!!!Open !!!Close
354	Номера Зупинка Лісопарк		!!!Open !!!Close
351	Номера Зупинка Лісопарк		!!!Open !!!Close
346	Номера Зупинка Лісопарк		!!!Open !!!Close

To view a frame with a vehicle, click on the **"Frame"** button. To remove a vehicle from the territory, click on the delete icon.

Number	Time	Enter time	
AB8297AD	14.07:47:41.7680000	04-05-2020 16:08:10	Frame X
099BI	14.07:47:43.7680000	04-05-2020 16:08:08	Frame X
14099BI	14.07:47:43.7680000	04-05-2020 16:08:08	Frame X

About VEZHA:

Our mission is to create a safe environment
for residents of cities of all sizes
and to help Ukrainian businesses optimize their security
and safety management processes.

For more information visit: <https://vezha.io/>



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