

Vehicle HUB Platform Detailed Operation Instruction

Version: V.1.0

Statement

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Update Record

No	Version	Update	Revise
1	Ver.1.0	Initial	2022.01.05
2	Ver.2.0	Second	2024.06.03
3	Ver3.0	Third	2025.1.3

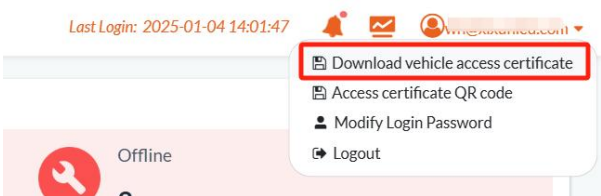
Note: The content of the document is subject to modification without notice.

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Bind vehicle screen to Vehicle HUB platform

Hardware Prepares	Software Prepares
Windows laptop/Mac book	LEDOK Express Download link for Windows: https://drive.google.com/file/d/1TOiJ_-raeULoJmh1D4fqEjmZ7tB6JI0T/view?usp=sharing Download link for Mac: https://drive.google.com/file/d/1C1_cdUHtVZoelLjih108qK2aXtFlbrSB/view?usp=sharing
4G SIM card (original size)	Register Vehicle hub platform (www.vehhub.top) Login and then download “access certificate” file  The screenshot shows the user interface of the Vehicle HUB platform. At the top, it displays 'Last Login: 2025-01-04 14:01:47' and a user profile icon. Below this, there is a red box highlighting the 'Download vehicle access certificate' option in the user menu. Other options visible in the menu include 'Access certificate QR code', 'Modify Login Password', and 'Logout'. The background of the interface is light blue and white.

Please get a 4G SIM card (**original size**) from your local place, such as : AT&T , Mint or T-mobile from USA;

Preparations	4G SIM card ---Original size	Check
1.	Get the 4G SIM card from the local place	AT&T; Mint; T-mobile (USA) Telstra; Vodafone (Australia) Aircel (India) STC (Saudi Arabia)
2.	put the SIM card into the cellphone and activate the SIM data service	
3.	Ask operator if needs to register device IMEI number with the SIM card	
4.	Get the correct APN	Very important. If can not get the APN, then can search on Google.

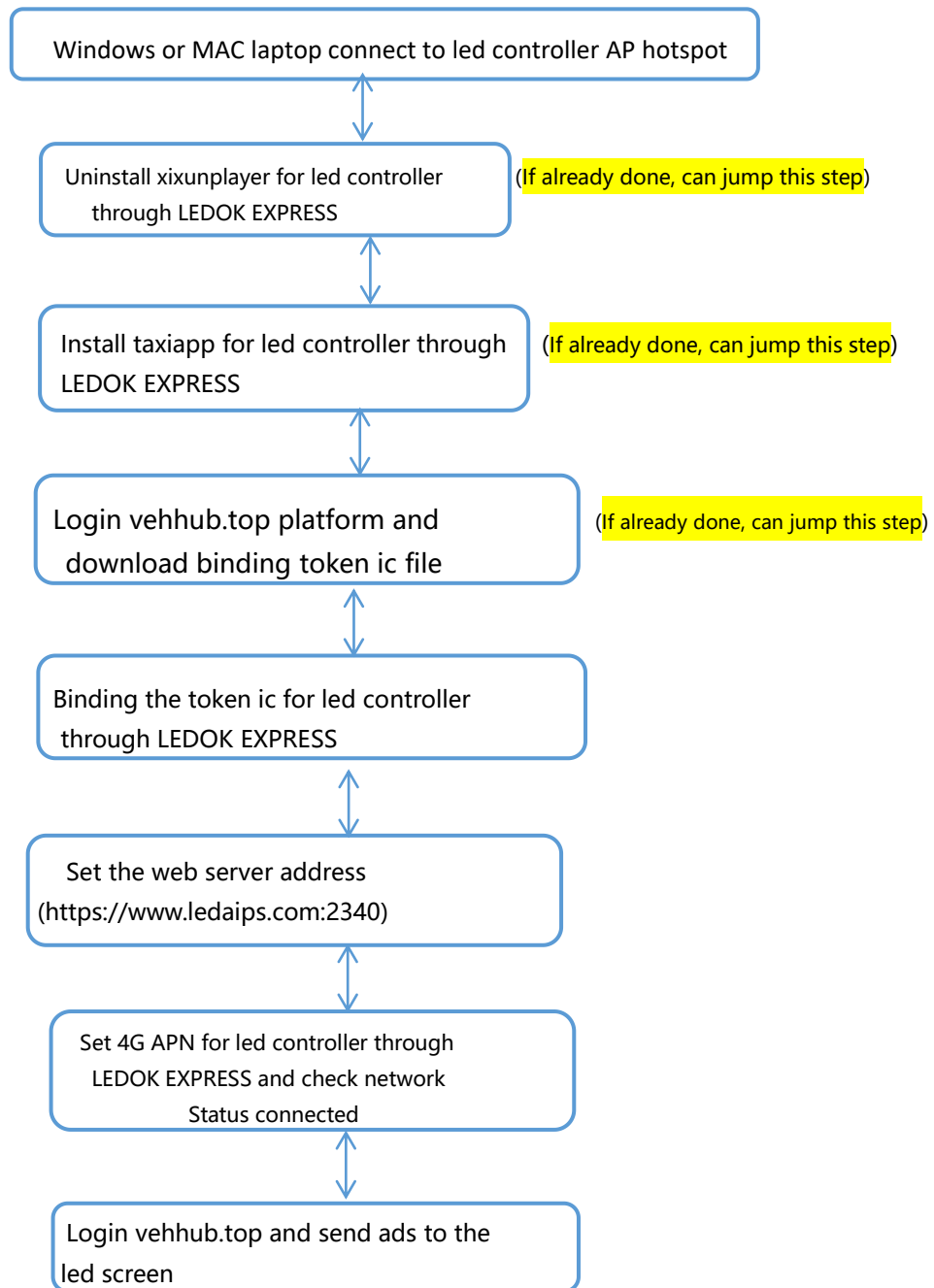
Please read the notifications of 4G IoT SIM card before using it.

All the IOTSIM on the market now need to join the directional address, whitelist (recommended the use of chip QFN5 * 6-8 package IOT chip, commercial ordinary SIM card will lead to low online rate), please provide the following platform address required to the operator before application to avoid unnecessary trouble such as can not send ads be online.

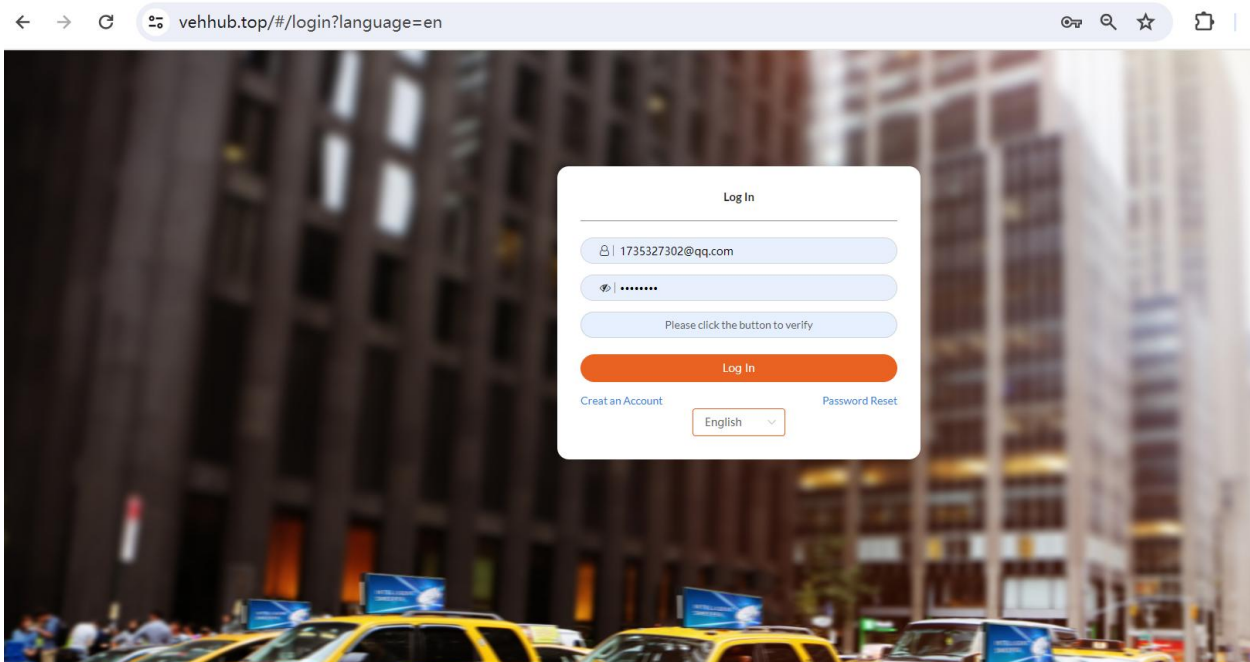
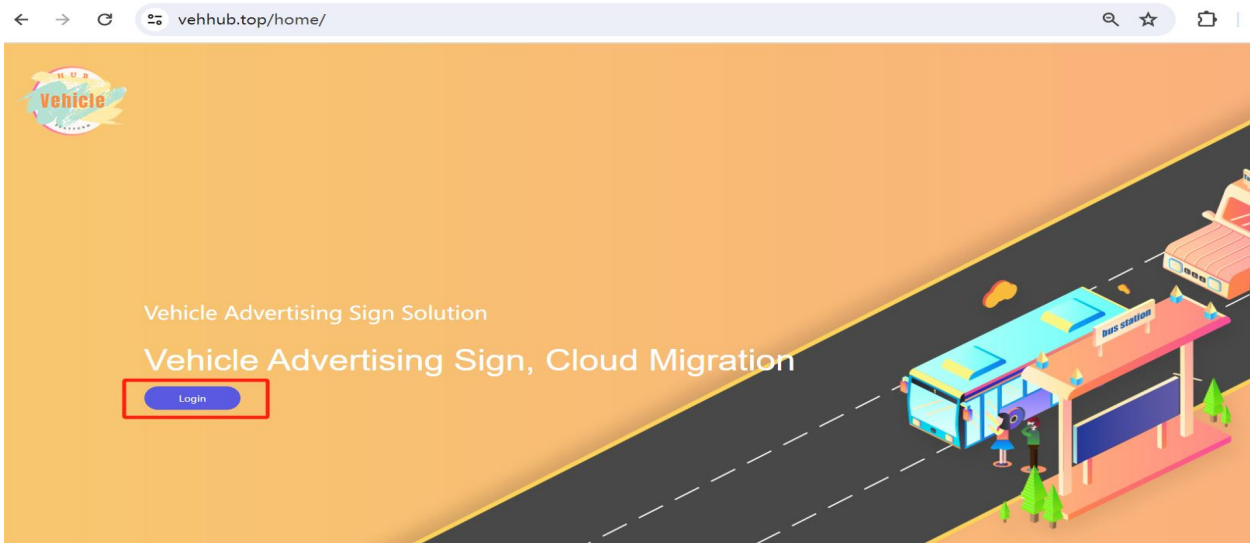
The operator is required to add Yellow color platform address into the White name list for SIM card:

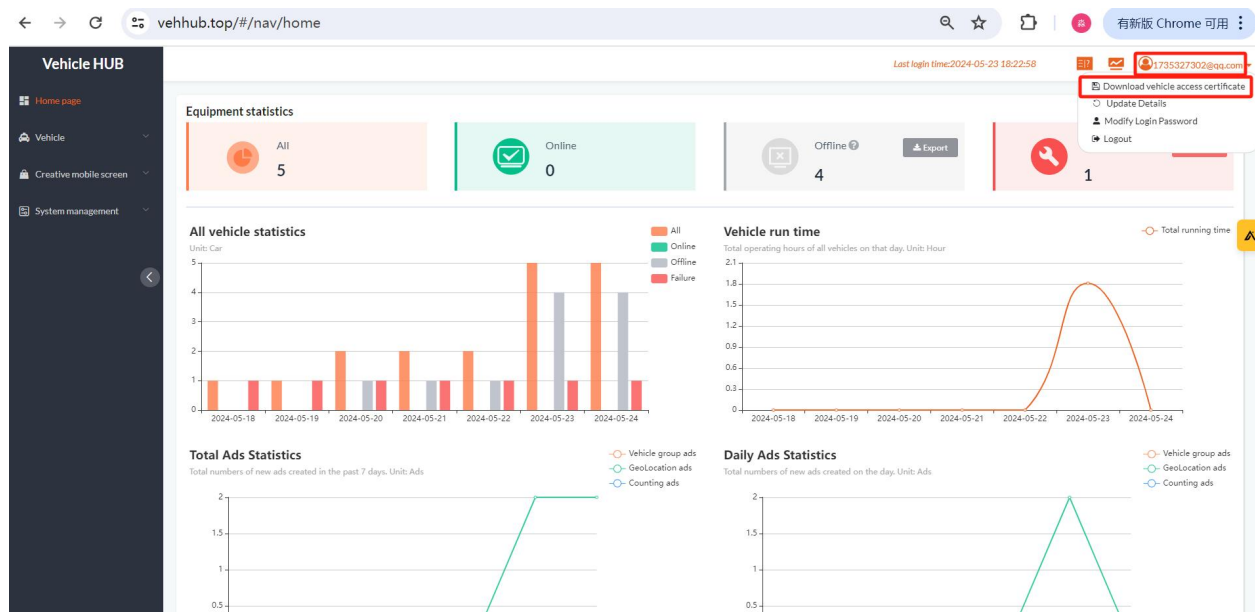
https://vehub.top	119.28.100.245
china-taxi.oss-cn-hangzhou.aliyuncs.com	ntp1.aliyun.com
www.yahamcartop.com	
www.taxihub.cn	47.96.237.243
www.m2mled.net	121.201.9.127
www.ledaips.com	https://www.hs.8848led.com
https://www.tlzxled.com	https://www.hs.8848led.com
All relevant domain names or addresses of user-built platforms	Address or domain name of the second development self-built platform
www.ledokcloud.com	101.37.118.93

Diagram of Bind a new screen to the Vehicle hub platform



1. Keep led screen power off, insert the 4G SIM card, then turn on power for the whole device.
2. Visit website: <https://vehhub.top> and login, then Go to the account Icon and Download Vehicle access certificate.





In the download center, will find the .ic file.

名称	修改日期	类型
今天		
ledaips.com--1735327302@qq.com (2).ic	2024/5/24 9:00	IC 文件

- Open LEDOK express, detect led controller IP address, Go to Terminal Control--->Advanced, see screenshot in the below: The Web server address must be <https://www.ledaips.com:2340>

The screenshot shows the LEDOK Advanced configuration interface with the following settings:

- Current screen:** none
- Advanced Settings:**
 - Screen Width(pixel): 256, Height: 256, Alias: 123
 - Web Server Address: <https://www.ledaips.com:2340> (highlighted with a red box and labeled 1)
 - Company ID: (highlighted with a red box and labeled 3)
 - Realtime Address: 192.168.1.102:10010 (labeled 2)
- Advanced Settings (continued):**
 - Firmware Management: (APK / FPGA update or uninstall)
 - Check Apk: com.xixun.xy.conn, Uninstall, Running check
 - Restart, Clear Program, Get Player State, Check Log
 - View Prog JSON, List Prog Files, Get Player Info, Get Player Log
 - Timing Reboot: Set, Get
 - M50S / M60S / M70S / M5H / ST50 / Y1G / Y1C / Y4A / Y5A Resolution Config: 1024x1280 (60hz), Set
 - Display Mode: Full screen, Set, Get
 - Screen Position: 0, Offset: 0, Set, Get
 - Start LedSet4.0 (Apk Display2.0 and higher)
 - Get Receive Card Num
 - Binding *.ic account identity voucher
- Advanced Settings (continued):**
 - password: 888

4. Check APK and choose Xixunplayer and uninstall it

Current screen: y70-c21-00208

Brightness Adj.

Power Control

Network Co

Screen Width(pixel) 384 Height 128

Web Server Address: taxihub.cn:2340

Realtime Address: 192.168.1.102:10010

Firmware Management (APK / FPGA update or un

Check Apk com.xixun.xy.conn

Restart Clear Program Get Player State

View Prog JSON List Prog Files Get Player Info

Timing Reboot Set Get

Display Mode Full screen Set Get

Start LedSet4.0 (Apk Display2.0 and higher)

Get Receive Card Num

Binding *.ic account identity voucher

List Card Infos

Software Version Info

Apk	Version	Package
1 CardSystem	5.2.7.3-2	com.xixun.joey.cardsystem
2 Conn	11.0.7.7	com.xixun.xy.conn
3 Display	2.0_v_3.3	com.xixun.display
4 SoftRecovery	2.1.8	com.xixun.joey.softrecovery
5 Starter	starter191	net.sysolution.starter
6 SystemCore	5.2.5.9-6	com.xixun.joey.systemcore
7 Update	7.2	com.xixun.xy.update
8 xixunplayer	v1.6.3.5	com.xixun.xixunplayer

Refresh

TEST

Test

Brightness Adj.

Power Control

Network Config

Time Sync

Password

Video Source

Volume

Advanced

TEST

Advanced

Screen Width(pixel) 384 Height 128 Set Alias 666 Set

Web Server Address: taxihub.cn:2340 Company ID CS05 Set

Realtime Address: 192.168.1.102:10010 Set Clear

Firmware Management (APK / FPGA update or uninstall)

Check Apk com.xixun.xixunplayer Uninstall Running check

Restart Clear Program Get Player State

View Prog JSON List Prog Files Get Player Info

Timing Reboot com.xixun.xixunplayer

Display Mode Full screen Set Get Screen Position 0 Offset 0 Set Get

Start LedSet4.0 (Apk Display2.0 and higher)

Get Receive Card Num

Binding *.ic account identity voucher

List Card Infos

5. Click “Firmware Management” and select the taxiapp file

Current screen: y70-c21-00208 Refresh

Brightness Adj.

Power Control

Network Config

Time Sync

Password

Video Source

Volume

Advanced

TEST

Advanced

Screen Width(pixel) 384 Height 128 Set Alias 666 Set

Web Server Address: taxihub.cn:2340 ▼ Company ID CS05 Set

Realtime Address: 192.168.1.102:10010 ▼ Set Clear

Firmware Management (APK / FPGA update or uninstall)

Check Apk com.xixun.xixunplayer ▼ Uninstall Running check

Restart Clear Program Get Player State Check Log

View Prog JSON List Prog Files Get Player Info Get Player Log

Timing Reboot Set Get

Display Mode Full screen ▼ Set Get Screen Position 0 ▼ Offset 0 ▼ Set Get

Start LedSet4.0 (Apk Display2.0 and higher)

Get Receive Card Num

Binding *.ic account identity voucher

List Card Infos

Select Online APK Select apk Select Fpga Upgrade APK: com.xixun.xixunplayer Uninstall check running state

ALL: 3 Refresh Q

	ID	Online	IP	Alias	cryptic	Progress	State	XixunPlayer	cardsvsystem	starter	taxiapp	displayer	FPGA	conn
1	y08-623-01219	●	192.168.1.108	Select Online APK							4-release	2.0_v_3.9		11.0.4
2	y6m-b22-40959	●	192.168.1.108	1 TaxiApp_v3.3.3-beta26.4.1.2-release(253).zip								2.0_v_2.5	B1CE.1.2...	11.0.6
3	y70-c21-00208	●	192.168.1.108	2 XixunPlayer-2.0.6-release.zip								2.0_v_3.3	D208.-1.-1	11.0.7
				3 TaxiApp_v3.3.3-beta26.3.9.98-release(242).zip										
				4 display2.0_v_3.3-release-(Y4A,Y5A,M50B,M60D,ST5).zip										
				5 CardSystem_v5.2.7.6-5(Y4A,Y5A,M50B,M60D,ST5).zip										
				6 SystemCore_v5.2.7.1-9-PX30[515]-release-all.zip										
				7 Conn_v11.0.9.9[249]-AIPS-release-A9_Sip.zip										
				8 xixunplayer_e1.6.0.6(Y4A,Y5A,M50B,M60D,ST5).zip										
				9 XiXunLEDPlayer_score_v1.1.1-release.zip										
				10 Conn_v11.0.8.2[232]-taxi01.zip										

Select Online APK Select apk Select Fpga axiApp_v3.3.3-beta26.4.1.2-release(253).zip Upgrade

ALL: 3 4

	ID	Online	IP	Alias	cryptic	Progress	State	XixunPlayer
1	y08-623-01219	●	192.168.1.108					

Select Online APK Select apk Select Fpga axiApp_v3.3.3-beta26.4.1.2-release(253).zip Upgrade

ALL: 3

	ID	Online	IP	Alias	cryptic	Progress	State	XixunPlayer
1	y08-623-01219	●	192.168.1.108			41%	Uploading ...	

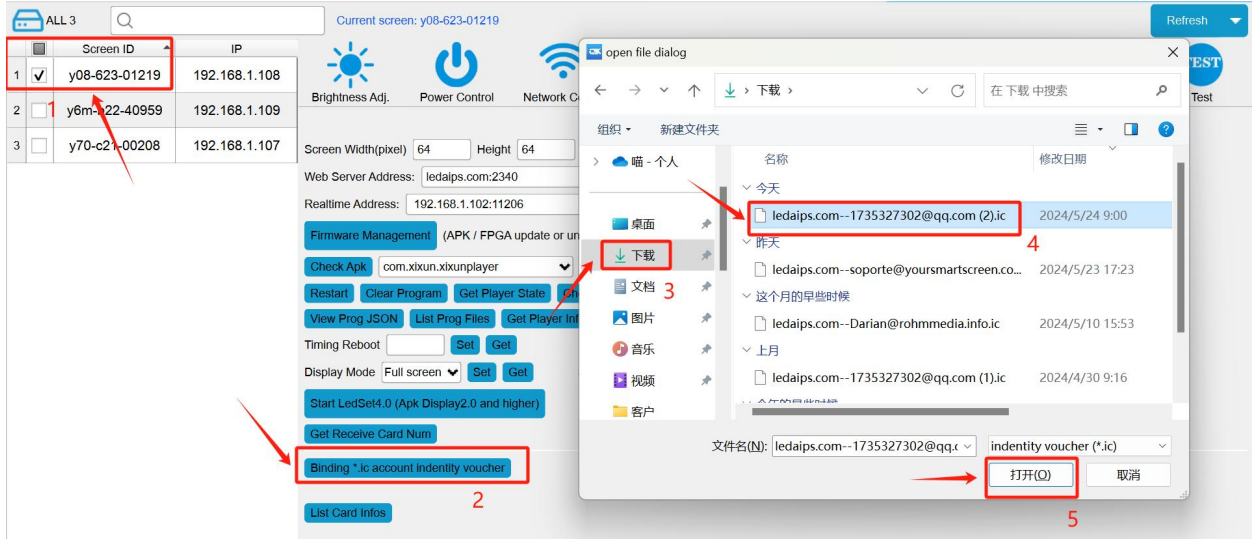
Select Online APK	Select apk	Select Fpga	axiApp_v3.3.3-beta26.4.1.2-release[253].zip	Upgrade
-------------------	------------	-------------	---	---------

ALL: 3

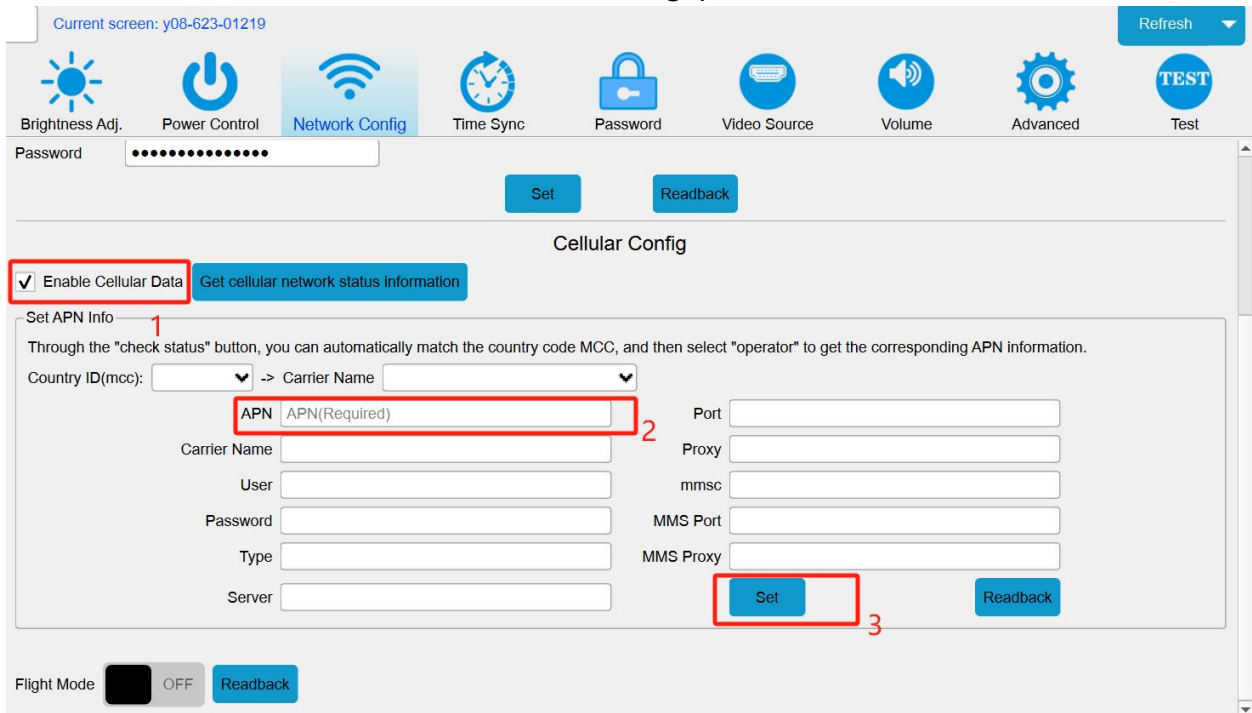
	ID	Online	IP	Alias	cryptic	Progress	State	XixunPlayer
1	☒ y08-623-01219	●	192.168.1.108			100%	APK Install Success	

6. Go to "Bind *IC account identity voucher" and select the account token ic file and success.

select the controller ID, click Bind ic account button and select the correct .ic file and click OK.

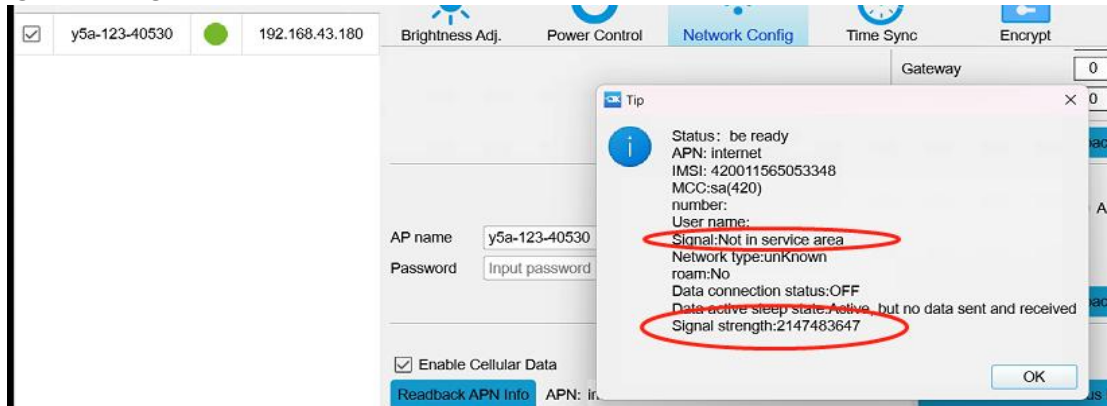


7. Go to the Terminal Control--> Network Config, please follow the screenshot in below:

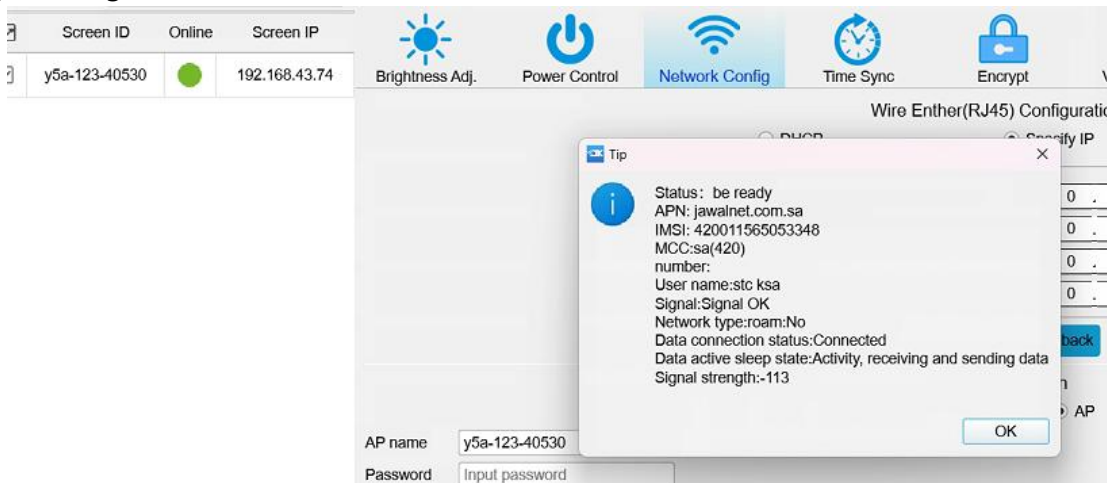


After put the correct APN (3rd option) then can check the Cellular Network Status information, Take Y50 controller + STC in Saudi Arabia for example:

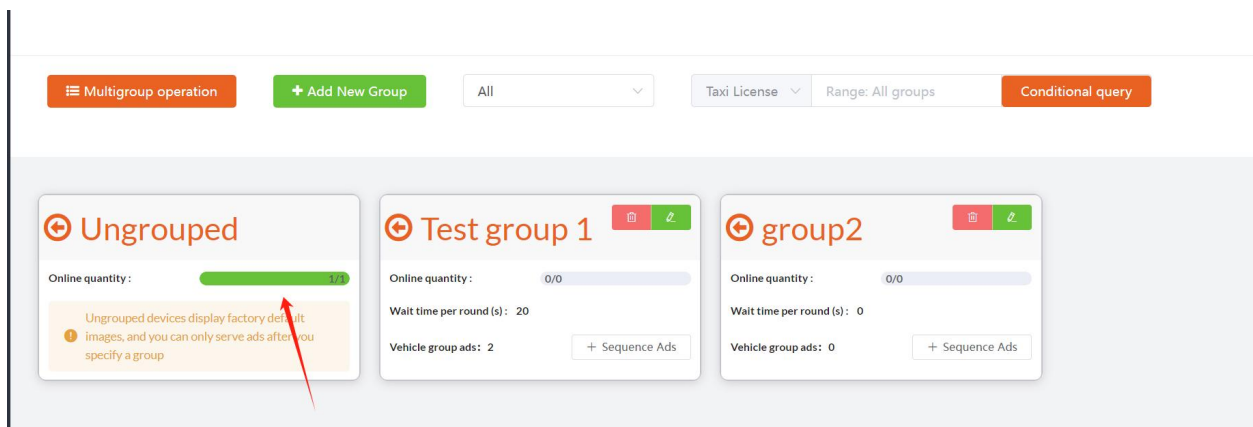
8. When you saw the Signal : Not in service area -----this is error, because of too weak signal strength.



9. Then need move the led sign outside or put it nearby the window, when signal improved, you will get correct status, see screenshot in the below:



10. Then back to platform--->Vehicle Control, and will see the led controller get online in Ungrouped.



Enter Ungrouped and tick the vehicle and change group to the specific group, see screenshot in below:

Back

Taxi License

Range: Current group

Conditional query

Querying Vehicle Information

Ungrouped

No	License	Online	Driver Name	Cellphone	Alias	Vehicle Group	Network Type	Width x Height
1	xx123		wang	02151875808	test	Ungrouped	WIFI	64x32

Taxi Information

Change Group

Vehicle Running Log

Customized LOGO

SIM Information

Realtime Screenshot

Screen Switch

Screen Brightness

Log Switch

Query Ads

More

Change the selected vehicle to specified group

Test group 1

group2

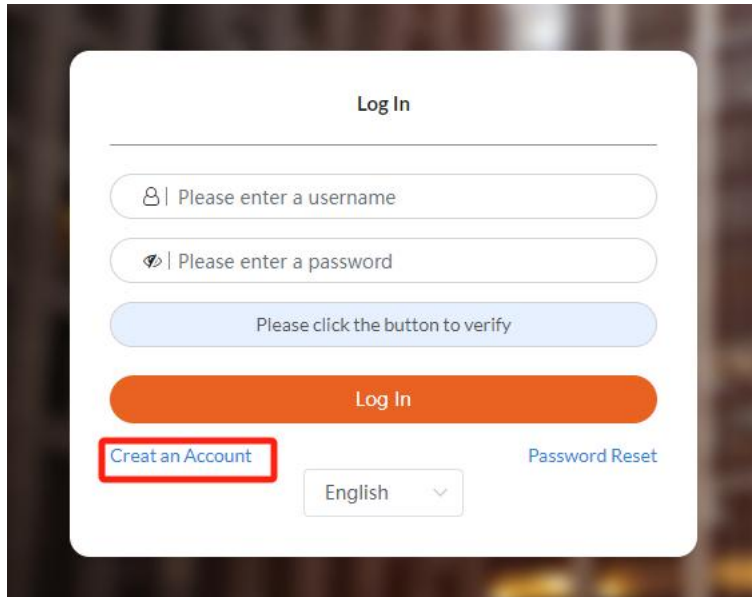
Change Group

Operation result

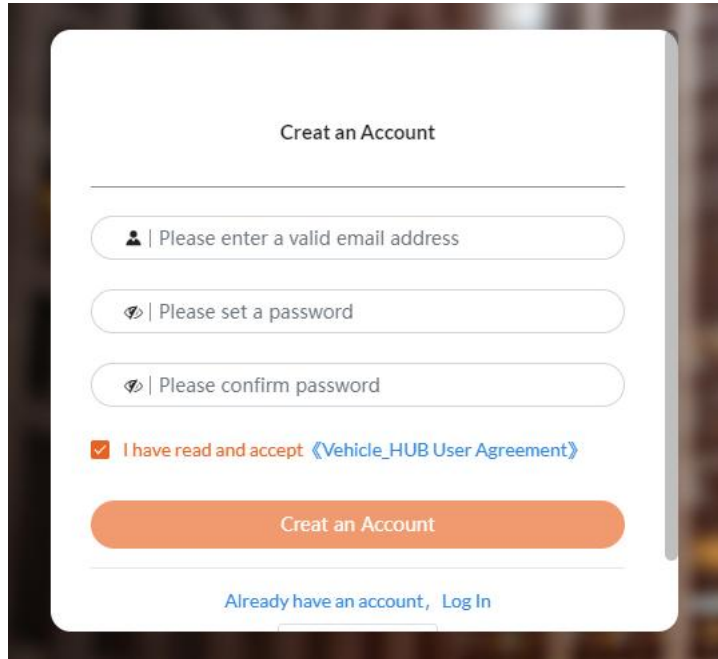
2.Create an Account

Vehicle HUB Platform Address: www.vehhub.top

Open the Vehicle HUB platform login interface(Google browse is recommended), and click "Create an Account" .

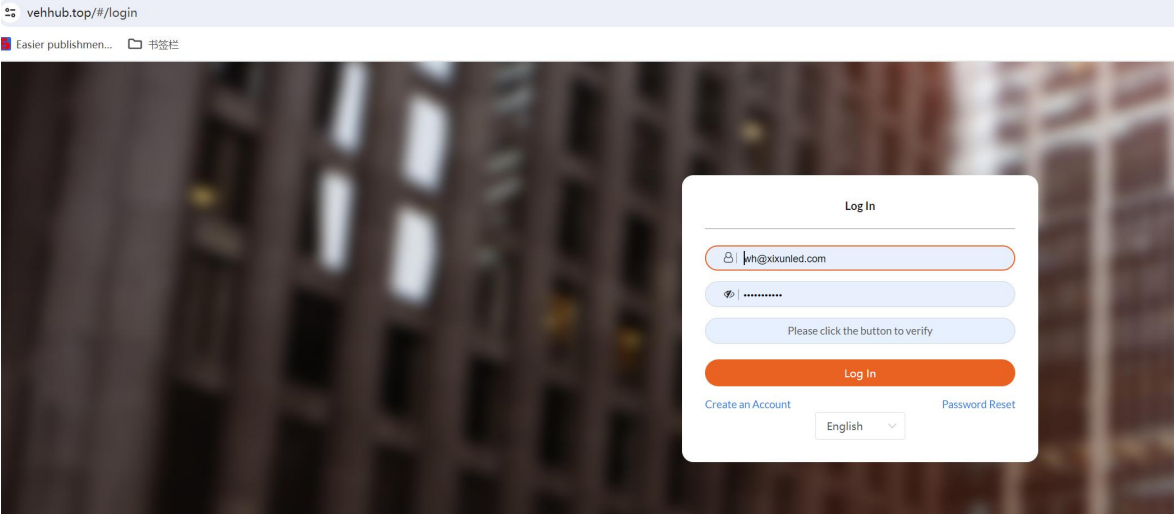


Write down a valid email address and set the password,and click "Create an Account" .

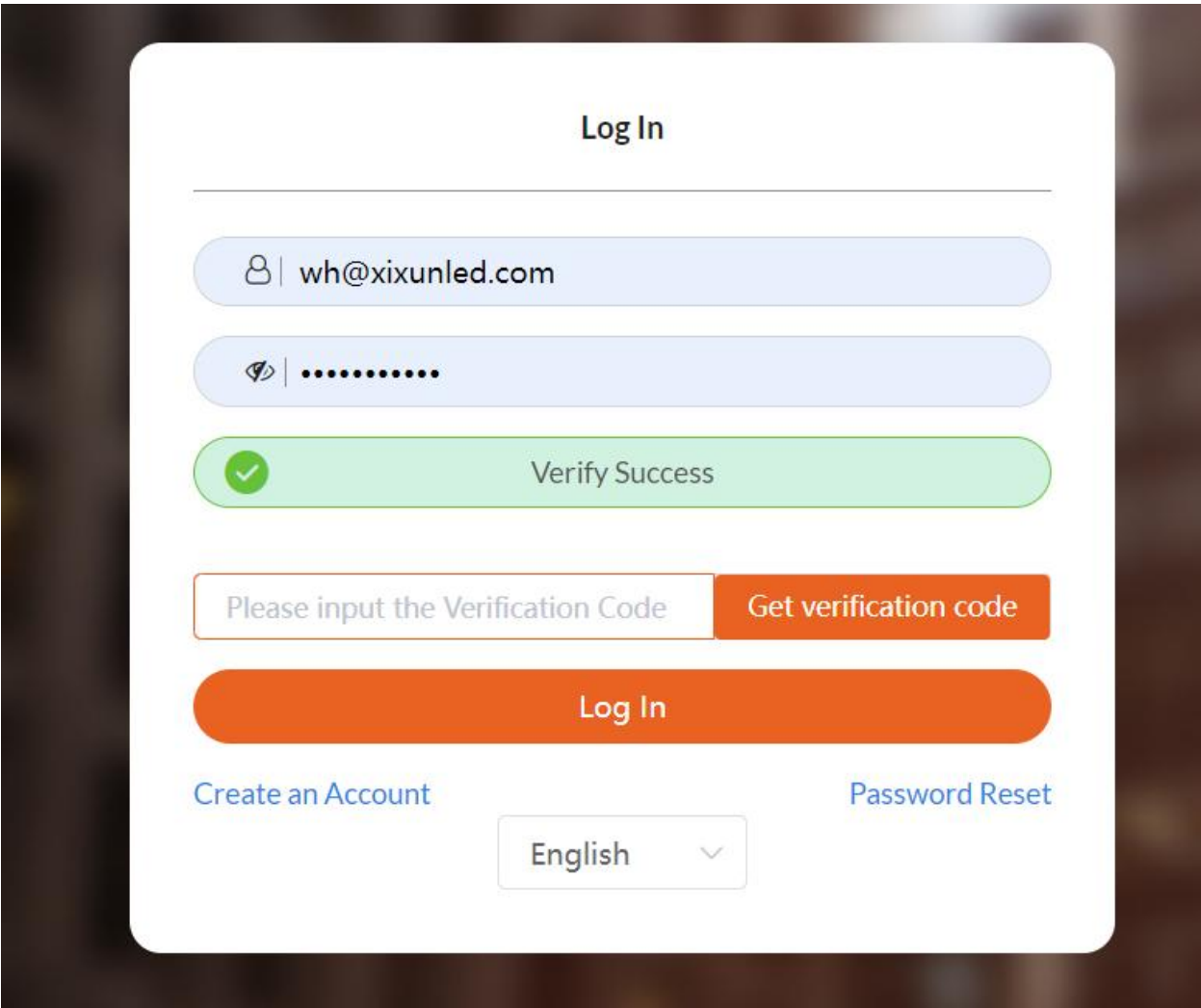


2.1 Log In

If already have an account then please Log In, Click "Please click the button to verify"



will show Verify Success

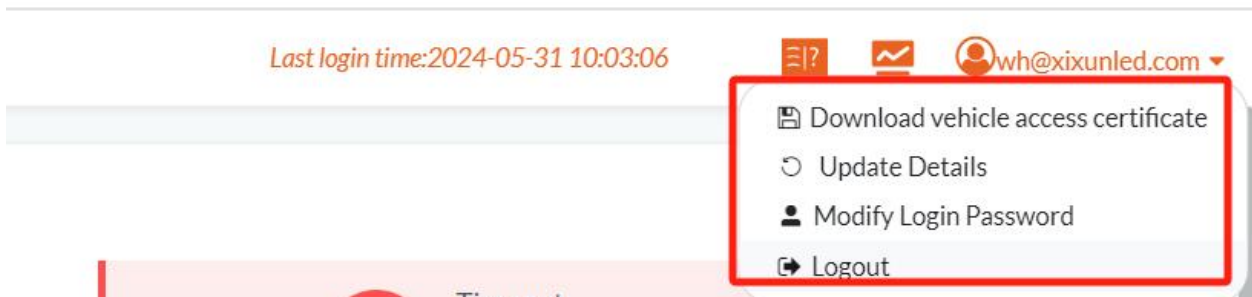


Click Get verification code button and go to email to check the code, input the code and click Log In button.

2.2 Home Page

2.2.1 Account Information

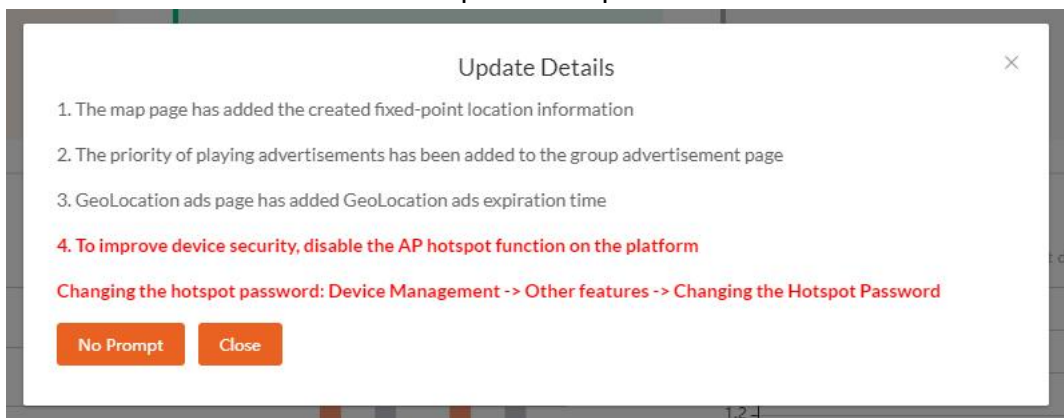
Click the right top account button after login then will see the functions in the below:



Download vehicle access certificate: click it and will download the .ic file, which used for binding the led controller to your account through LEDOK express software.

 ledaips.com--1735327302@qq.com.ic

Update Details: click it and will see the platform update functions in details.



Modify Login Password: click it and can reset the login password.

Modify Login Password

Reset password

Please Enter Your Old Password

Please enter a new password

Enter The New Password Again(Be consisten)

[Change Email address to receiving verification code](#)

Cancel Confirm

Logout: click it and log out.

2.2.2 Status bar



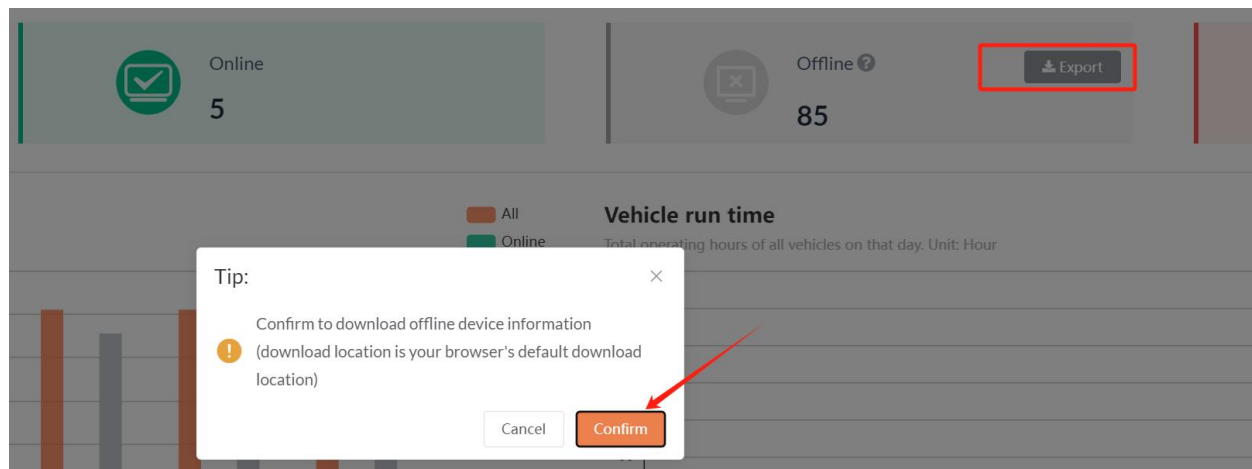
Status Bar includes following items:

All: Vehicle numbers in total

Online: Vehicle Online numbers

Offline: Vehicle Offline for 48 hours and click Export to check offline terminal serial ID and relative information.

Timeout: Vehicle that offline for more than 120 consecutive hours, click Export to check serial ID.

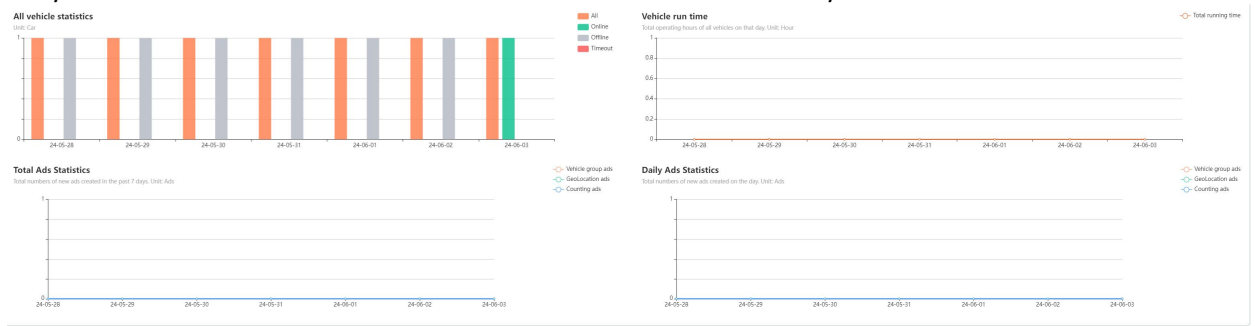


Quick navigation [Map](#) | [Vehicle Control](#) | [Vehicle group ads](#) | [GeoLocation ads](#) | [Counting ads](#) | [Environmental Monitor](#)

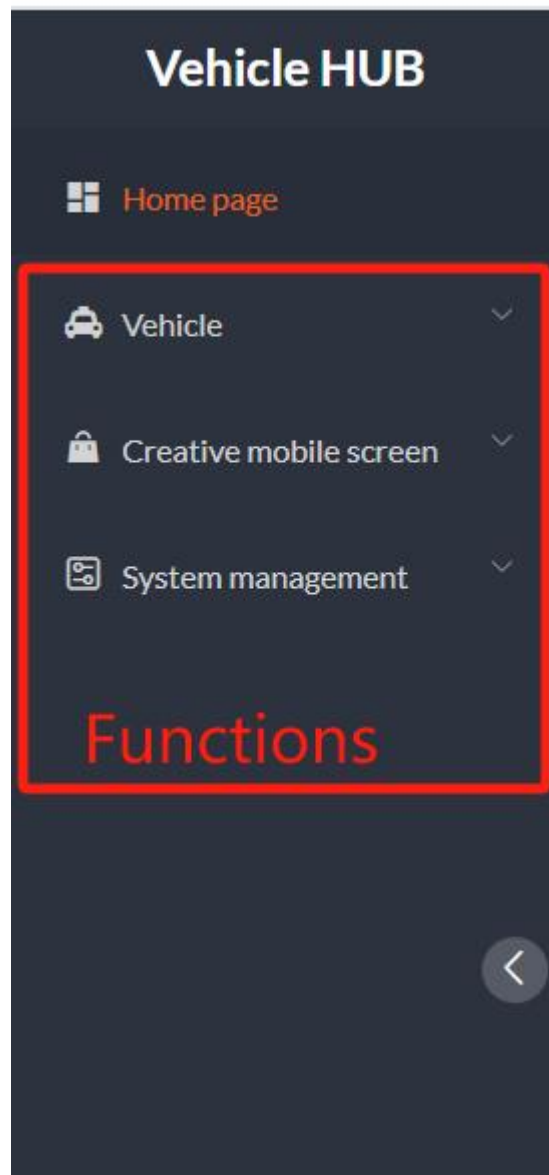
2.2.4 Charts

Vehicle run time: to show the total running time for the vehicles per day

Daily Ads Statistics: to show total numbers of new ads created on the day

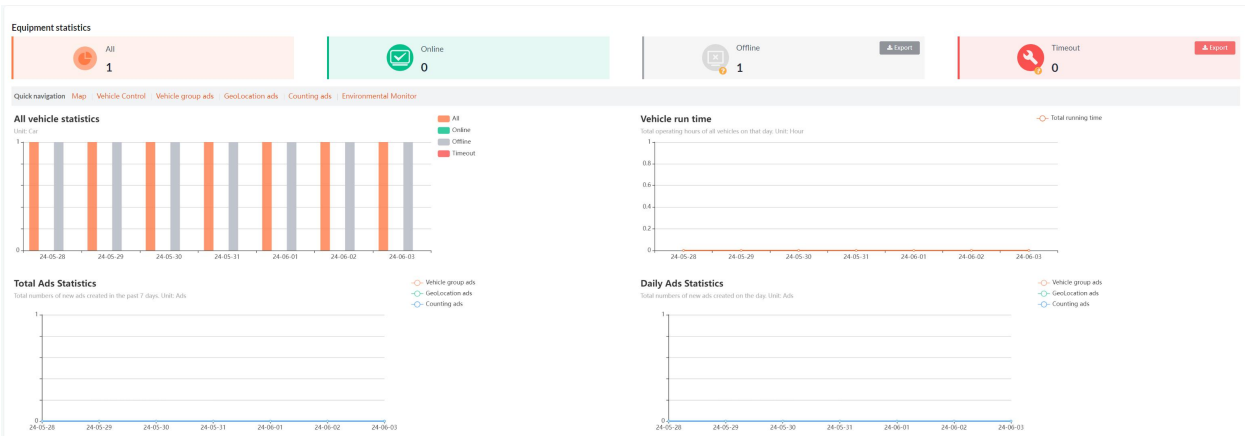


3.Functions



Function Bar includes following items:

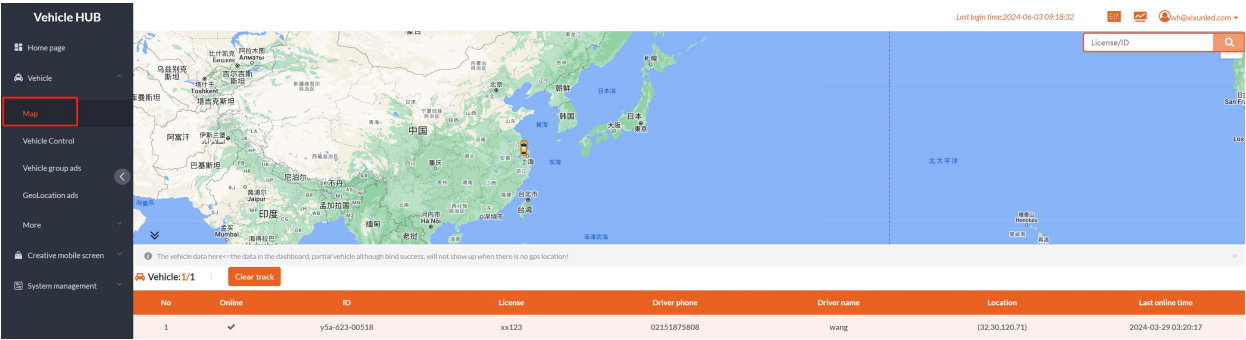
- 3.1 Vehicle
- 3.2 Creative mobile screen
- 3.3 System management



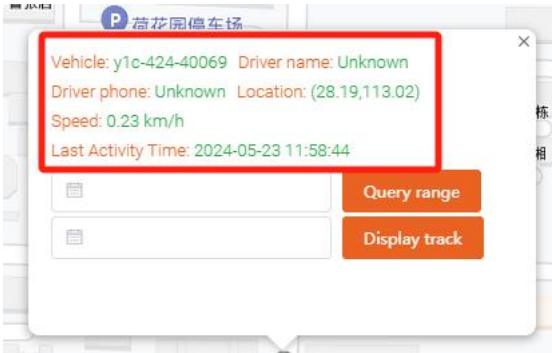
3.1 Vehicle

3.1.1Map

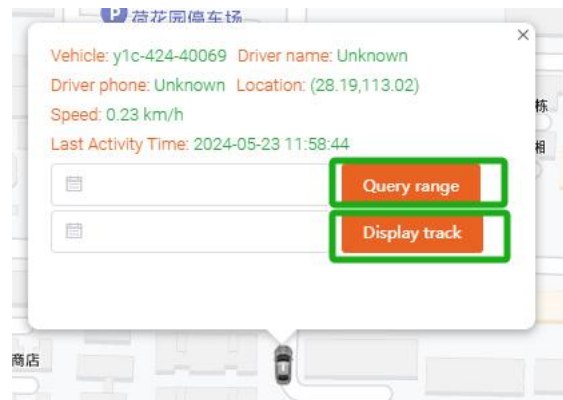
Click Map and will see complete Google Map, if vehicle GPS get signal normally, will see the Yellow color vehicle icon on the map, if the vehicle GPS lost, will see the gray color vehicle icon.



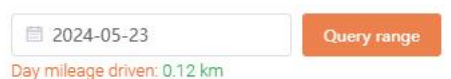
Click the vehicle icon and will see more tracking information in details.



There are two query functions:

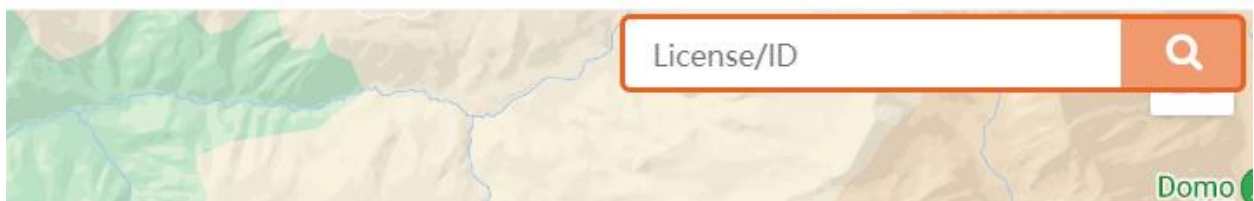


Query Range: Select the date and then click Query button, then will see the result in green words. (support to query millage data for lpast7 days)



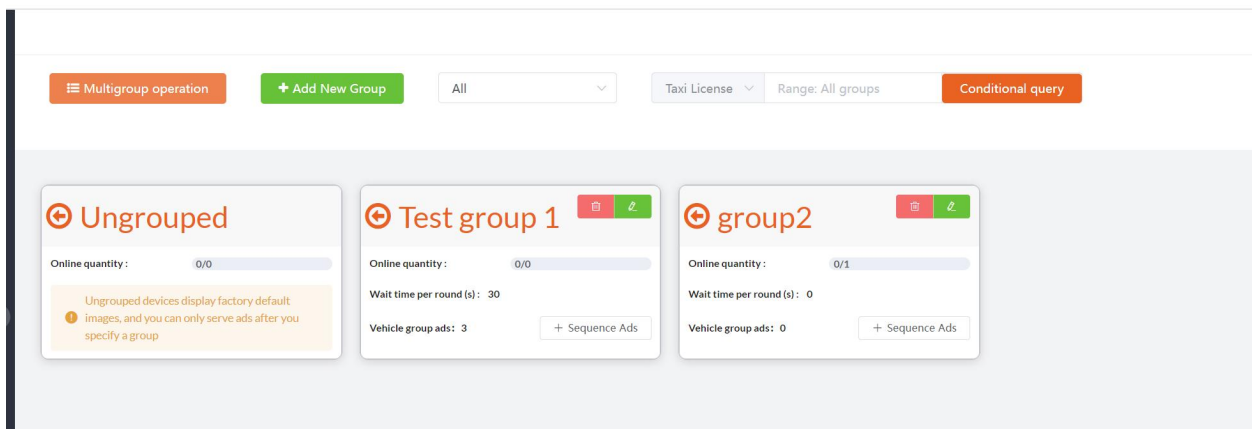
Query track: Select the date and then click Query button, then will see the track routines on the map. (support to query tracking data for lpast7 days)

If want to check specific vehicle information, please input the ID or License , click Query button, see screenshot in below:

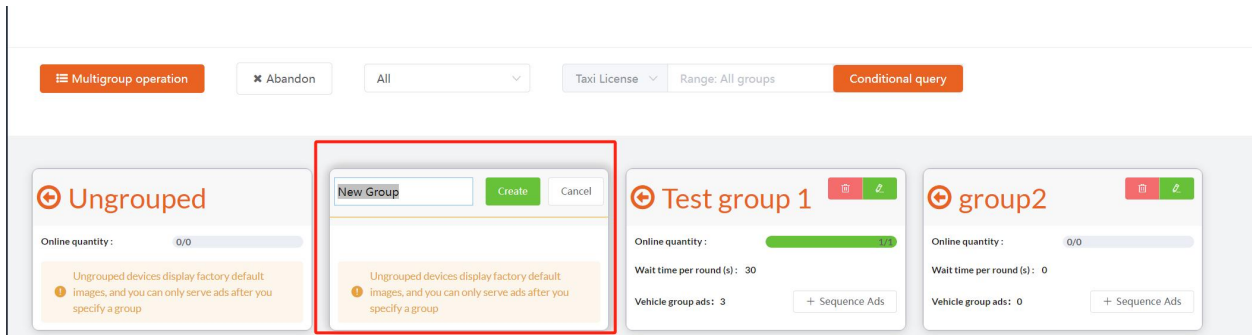


3.1.2 Vehicle Control

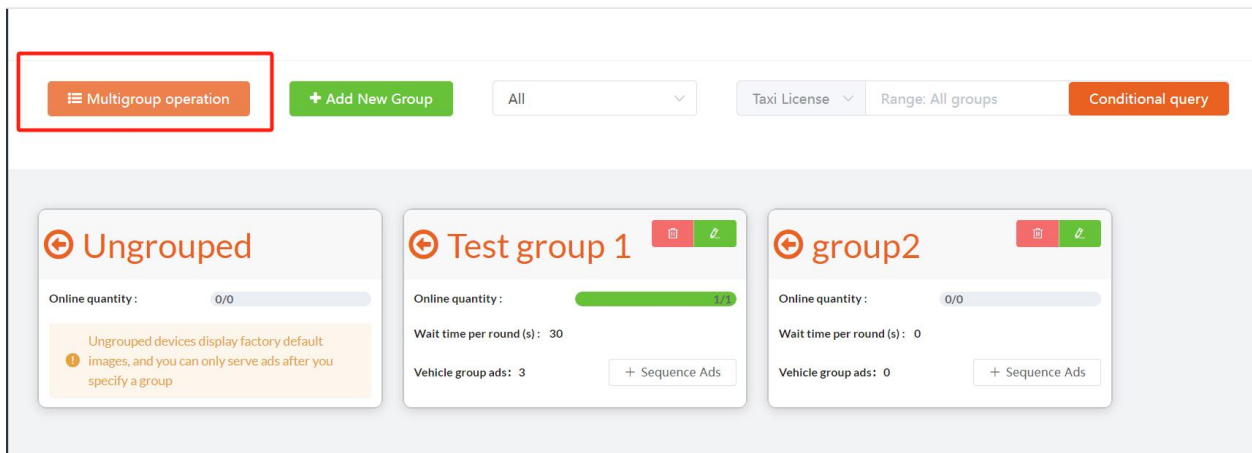
Click Vehicle control and will enter the vehicle management interface,
For all vehicles in ungrouped will show the default LOGO, please change vehicles to specific group as you want.



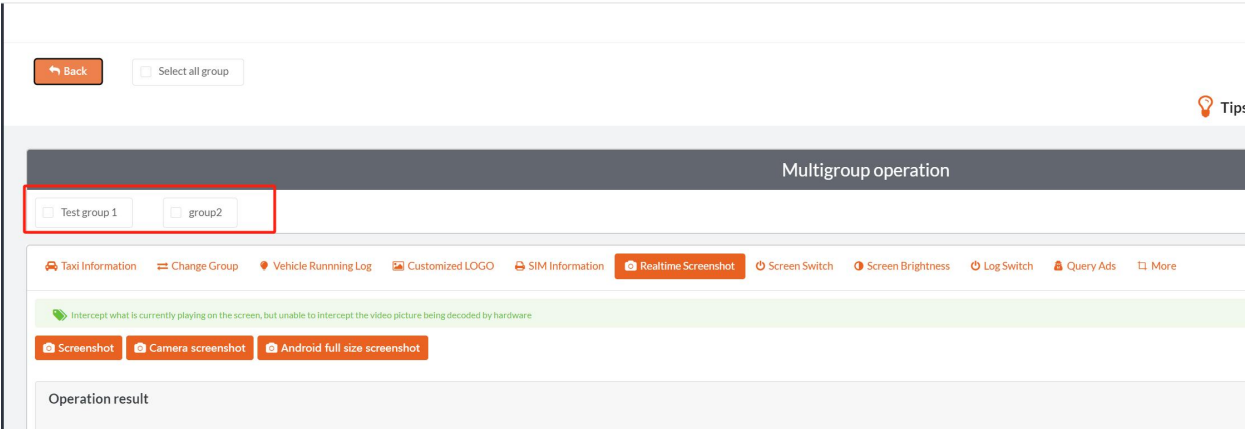
Click green icon to add new vehicle group, input group name and click Create, see screenshot in below,



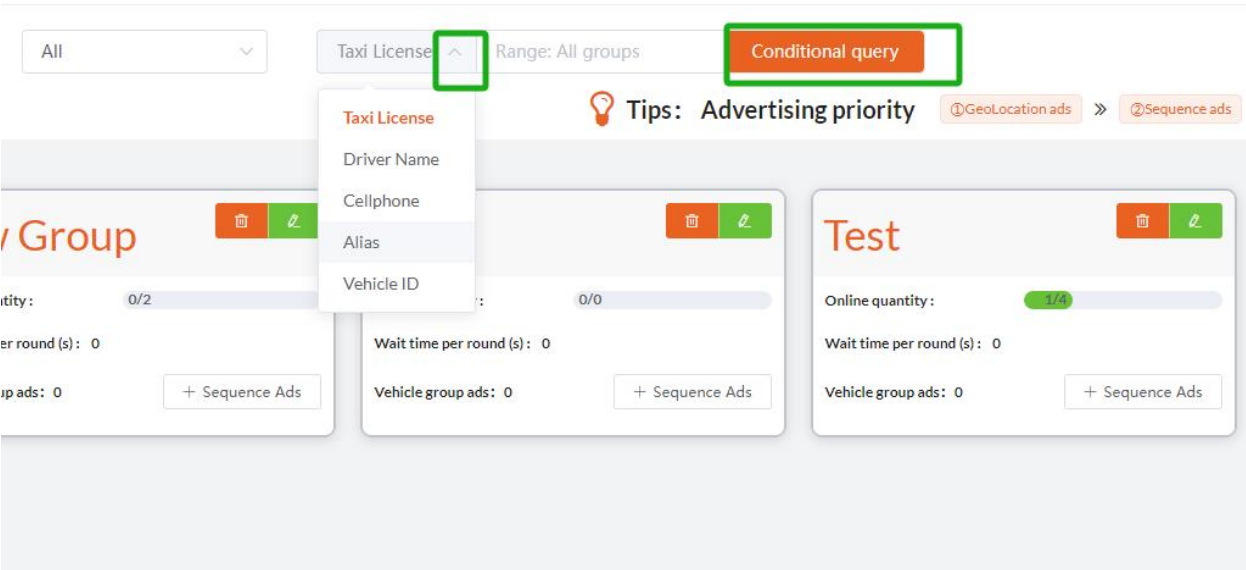
Click orange button to operate multi-group, see screenshot in below:



Can select more than one groups and operate for all vehicles in group.

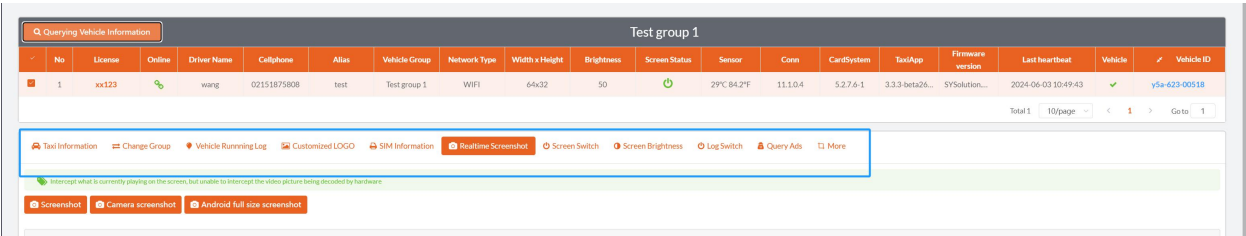


support Conditional Query, input Taxi License/ driver name/Cellphone/Alias/Vehicle ID to query the vehicle quickly, see screenshot in below:



Select the control card ID you want to view, click "Screenshot", you can view the program currently playing on the screen in the operation result.

3.1.3 Operations for Vehicle



Taxi Information

Input the detailed information for each vehicle, support upload the template document to realize editing in bulk, see screenshot in below:

	No	License	Online	Driver Name	Cellphone	Alias
☒	1	xx123		wang	02151875808	test

Taxi Information
 Change Group
 Vehicle Running Log
 Customized LOGO

Download and edit vehicle information in bulk: Download Template

Upload: Upload

Taxi License:

Driver Name:

Cellphone:

Alias:

Set

Change Group

Tick the vehicle and choose the specific group name and click Change Group button.

	No	License	Online	Driver Name	Cellphone	Alias	Vehicle Group	Network Type	Monitor Height	Brightness	Screen Status	Current	Temp	Current position	App version
☒	1	xx123		wang	02151875808	test	Test group 1	WIFI	64x32	50		29°C 84.2°F	11.1.0.4	5.2.7.6-1	3.3.3-beta26...

Taxi Information
 Change Group
 Vehicle Running Log
 Customized LOGO
 SIM Information
 Realtime Screenshot
 Screen Switch
 Screen Brightness
 Log Switch
 Query Ads
 More

Change the selected vehicle to specified group

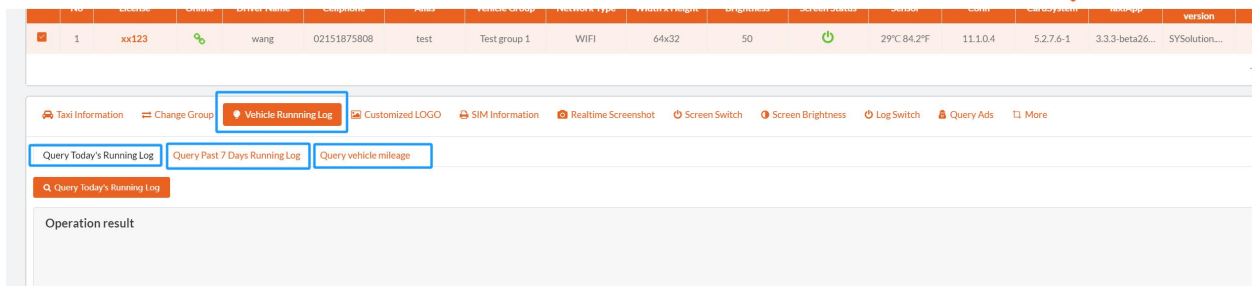
☐ Ungrouped
 ☐ group2

Change Group

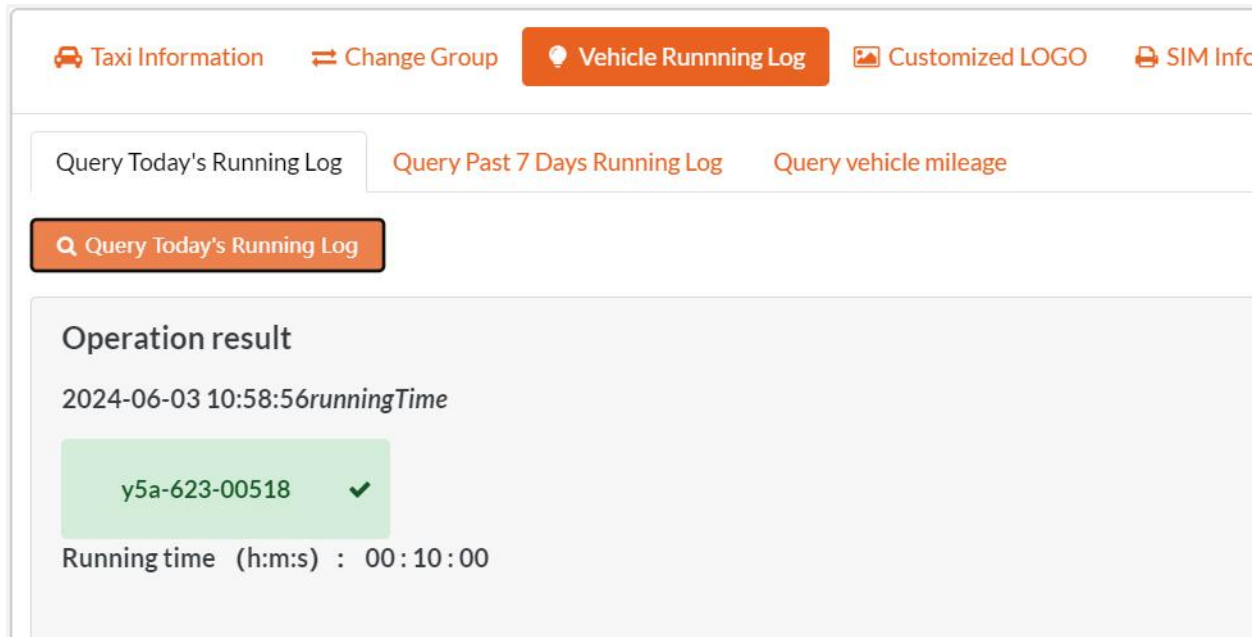
Operation result

Vehicle Running Log

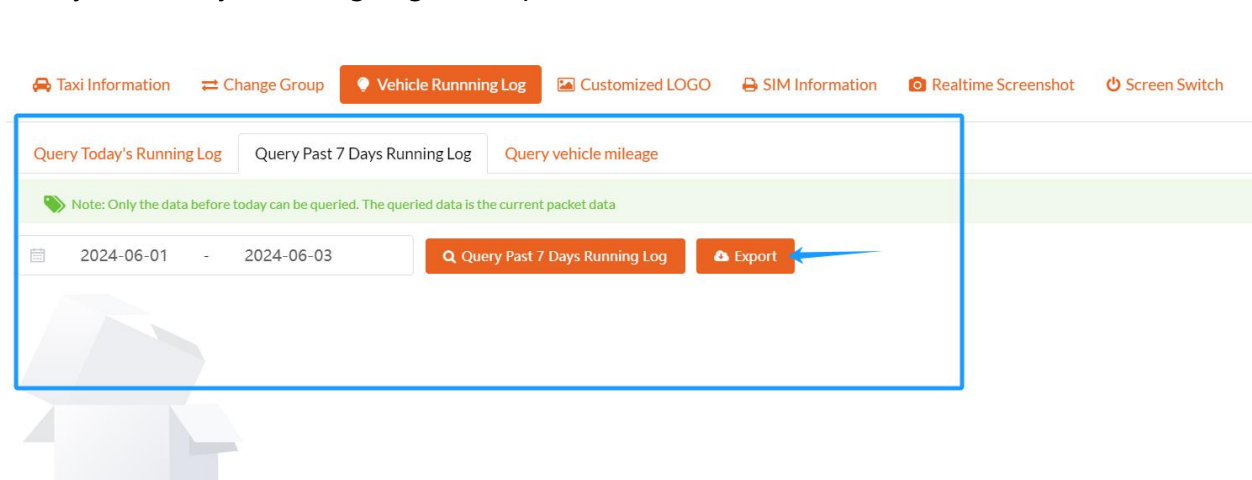
Support "Query Today's Running Log", "Query Past 7 days Running Log" and "Query vehicle mileage", see screenshots in below:



Query Today's Running Log:



Query Past 7 days Running Log and Export:



y5a-623-61813		
Device Id	Running Time(h:m:s)	Date
y5a-623-61813	14:25:30	2024-04-24
y5a-623-61813	15:48:00	2024-04-25
y5a-623-61813	15:06:00	2024-04-26
y5a-623-61813	11:32:00	2024-04-27
Total Running Time(h:m:s) 56:51:30		
y5a-623-61817		
Device Id	Running Time(h:m:s)	Date
y5a-623-61817	10:30:00	2024-04-24
y5a-623-61817	08:50:30	2024-04-25
y5a-623-61817	08:38:30	2024-04-26
y5a-623-61817	10:19:30	2024-04-27
Total Running Time(h:m:s) 38:18:30		
y5a-623-61797		
Device Id	Running Time(h:m:s)	Date
y5a-623-61797	15:57:00	2024-04-24
y5a-623-61797	16:07:00	2024-04-25
y5a-623-61797	12:53:00	2024-04-26
y5a-623-61797	14:26:30	2024-04-27
Total Running Time(h:m:s) 59:23:30		

Query vehicle mileage per day and Export:

Taxi InformationChange GroupVehicle Running LogCustomized LOGOSIM InformationRealtime ScreenshotScreen SwitchScreen BrightnessLog SwitchQuery AdsMore

Query Today's Running LogQuery Past 7 Days Running LogQuery vehicle mileage

2024-06-03

Query vehicle mileageExport

No	Id	Day mileage driven
1	y5a-623-00518	0.00 KM

	A	B
1	Device Id	Mileage (KM)
2	y5a-623-00518	0.00
3		
4		
5		

Customized LOGO

Support to upload own customized logo to the led screen, so when no ads, will show own LOGO.

Taxi Information
Change Group
Vehicle Running Log
Customized LOGO
SIM Information
Realtime Screenshot

1 When there is no ads will show default LOGO.

2

Media Library Set Clear

Please select an Image from Media

Operation result

SIM Information

Support to download SIM information in group, see example in below:

Q Querying Vehicle Information

✓	No	License	Online	Driver Name	Cellphone
☒	1	xx123		wang	02151875808

Taxi Information

Change Group

Vehicle Running Log

Customized LOGO

SIM Information

Ungrouped

Test group 1

group2

Download SIM information in group

Operation result

ID	Alias	Licence	Driver	Telephone	SimSerialNumber	SubscriberId	IMEI
y5a-123-	94	LBBV89	test	391 4554	89560300100010000000	730	865326063491610

Real-time Screenshot

Support Screenshot to get the current ads image on LED screen,
if plug in a camera, then support to get real time image for led screen status

Q Querying Vehicle Information

✓	No	License	Online	Driver Name	Cellphone	Alias
☒	1	xx123		wang	02151875808	test

Taxi Information

Change Group

Vehicle Running Log

Customized LOGO

SIM Information

Realtime Screenshot

Intercept what is currently playing on the screen, but unable to intercept the video picture being decoded by hardware

Screenshot

Camera screenshot

Android full size screenshot

Operation result

Screen Switch

✓	No	License	Online	Driver Name	Cellphone	Alias	Vehicle Group	Network Type	Width x Height
❏	1	xx123	🟢	wang	02151875808	test	Test group 1	WIFI	64x32

Taxi InformationChange GroupVehicle Running LogCustomized LOGOSIM InformationRealtime ScreenshotScreen SwitchScreen BrightnessLog SwitchQuery AdsMore

QueryManualSchedule

Q Query

Operation result

Query: click query button to get the vehicle schedule or no schedule.

QueryManualSchedule

Q Query

Operation result

2024-06-03 11:16:57GetTaskToKeepScreenOn

y5a-623-00518 ✓

Task name 123

	Date range	Valid Range	Specified Week
On	Permanent	09:00 ~ 13:59	Permanent

Manual: Turn on or turn off LED screen manually

QueryManualSchedule

👁 On👁 Off

Operation result

Schedule: add new schedule and set the specific time for LED screen on, then led screen will keep off for the balance time.

QueryManualSchedule

Tip: Screen will keep ON during valid time range, keep OFF for balance time range

+ Add Schedule Task

1

Querying Vehicle Information

	No	License	Online
☒	1	xx123	☒

Taxi InformationChange GroupVehicle Running Log

QueryManualSchedule

Tip: Screen will keep ON during valid time range, keep OFF for balance time range

Create Task

Task name:task 12

+ Add Time Schedule3

Abandon

Create

The task name and timing list cannot be empty

Add time schedule 4

PermanentSpecified Date

PermanentSpecified time

PermanentSpecified Week

5

QueryManualSchedule

Tip: Screen will keep ON during valid time range, keep OFF for balance time range

+ Add Schedule Task

5

123

2024-05-16 10:30:17

Operation result

Screen Brightness

Taxi InformationChange GroupVehicle Running LogCustomized LOGOSIM InformationRealtime ScreenshotScreen SwitchScreen BrightnessLog SwitchQuery AdsMore

QueryManualAuto BrightnessSchedule

Query

Operation result

Query: tick the vehicle and click query button to check if has schedule or not.

www.vehhub.top

29

✓	No	License	Online	Driver Name	Cellphone	Alias	Vehicle Group
☒	1	xx123		wang	02151875808	test	Test group 1

Taxi Information Change Group Vehicle Running Log Customized LOGO SIM Information Realtime Screenshot Screen Switch Screen Brightness

Query Manual Auto Brightness Schedule

Operation result
2024-06-03 11:25:02GetTaskToSetBrightness

In the end!

Manual: tick the vehicle, set the brightness value, click Set.

✓	No	License	Online	Driver Name	Cellphone	Alias	Vehicle Group
☒	1	xx123		wang	02151875808	test	Test group 1

Taxi Information Change Group Vehicle Running Log Customized LOGO SIM Information Realtime Screenshot Screen Switch Screen Brightness

Query Manual Auto Brightness Schedule

1 (Dimmer) ~255 (Brighter)

The Manual Command will overwrite the scheduled control command which is being executed until the next scheduled control command takes effect.

1

Operation result

Auto Brightness: Normally just need set sensitivity number and Minimum brightness value and click Set.

support click Query button to get the existed settings.

✓	No	License	Online	Driver Name	Cellphone	Alias	Vehicle Group
☒	1	xx123		wang	02151875808	test	Test group 1

Taxi Information Change Group Vehicle Running Log Customized LOGO SIM Information Realtime Screenshot Screen Switch Screen Brightness

Query Manual Auto Brightness Schedule

Sensitivity range from 1 to 100, Minimum brightness at least at 80 to make sure ads being visible at night.

Sensitivity:

50

 Minimum Brightness:

80

Please enter a password

Operation result

If require to upload brightness file, enter password 888 and select the correct brightness file according to the sensor type.

 Systemcore-v5.1.3.10 and above version supports this function. Use steps: first set the sensor sensitivity value, and then modify it through the default BrightnessTable.xlsx file upload in EasyBoard, the value inside can be changed, but the file format does not change, otherwise the operation will fail!

Sensor type ☒ RL1/RL2 ☐ R60/R67/RL3

Upload File

Query

Schedule

QueryManualAuto BrightnessSchedule

Tip: Screen will keep at schedule brightness during the valid time range, Default Brightness for balance time range.

+ Add Schedule Task

1

Operation result

Querying Vehicle Information

No	License	Online
1	xx123	

Taxi InformationChange GroupVehicle

QueryManualAuto BrightnessSchedule

Add time schedule 7

PermanentSpecified Date

PermanentSpecified time

08:00-18:59

PermanentSpecified Week

8

Create Task

Task name: task12Default Brightness: 803

+ Add Schedule brightness4

Brightness

Valid Date

2505

+ Add Time Schedule6

Date Limit

Time Limit

Task name: task1Default Brightness: 80

+ Add Schedule brightness

Brightness

Valid Date

250

+ Add Time Schedule

Date Limit

Time Limit

Specified Week

Permanent08:00-18:59Permanent

9

AbandonCreate

Tip: Screen will keep at schedule brightness during the valid time range, Default Brightness for balance time range.

+ Add Schedule Task

Sent

Name

Create time

10

task1

2024-06-03 11:36:27

Operation result

Log Switch

Open GPS log, please check the taxiapp version description before enable the GPS log.

Taxi InformationChange GroupVehicle Running LogCustomized LOGOSIM InformationRealtime ScreenshotScreen SwitchScreen BrightnessLog Switch

Log Switch is OFF when ex-factory. It will cost SIM data after turn on. If turn off switch then Log data will be deleted

GPSPlay Log

TaxiApp version	Upload GPS coordinate log frequency
3.3.3-beta26.4.0.7-release below	Transmit GPS coordinates every 10 seconds
3.3.3-beta26.4.0.7-release ~ 3.3.3-beta26.4.1.3-release	If a GPS log is generated, a maximum of 250 gps logs are collected and reported. If the number of GPS logs is less than 250, the system monitors the logs every eight minutes. If the system fails to report or no GPS logs are generated, the system monitors the logs every three minutes
3.3.3-beta26.4.1.4-release	If there are GPS logs, the system reports less than 100 logs each time. If the system succeeds in reporting the remaining logs, the system reports the remaining logs until the transmission is complete. If the system fails to report or no gps logs are reported, the system monitors the logs again every 2 minutes and reports the logs again

OnOff

Example Query GPS log status

Operation result

2024-06-03 11:42:47getGPSstate

y5a-623-00518

Status: Turn Off

Play Log: first please check taxiapp version and then decide to turn on or turn off play log. also can set upload play log interval time, unit is minute.

Notes: please check green tips.

GPSPlay Log

TaxiApp version	Frequency of uploading and playing logs
3.3.3-beta26.4.0.7-release below	Uploads every 30 seconds
3.3.3-beta26.4.0.7-release ~ 3.3.3-beta26.4.1.4-release	If more than ten logs are reported, a maximum of 100 logs are reported each time until the transmission is complete. If the logs fail to be reported or the number is less than 10, monitor the logs and report them again every minute

OnOff

Query

The Unit of Interval time is minute. Default interval time is 0 means upload play log per daily.
The following versions support this function, and the playback information reported by the following versions does not contain the GPS location

TaxiApp version
3.3.3-beta26.3.9.99-release
3.3.3-beta26.4.0.7-release
3.3.3-beta26.4.1.2-release
3.3.3-beta26.4.1.3-release

0

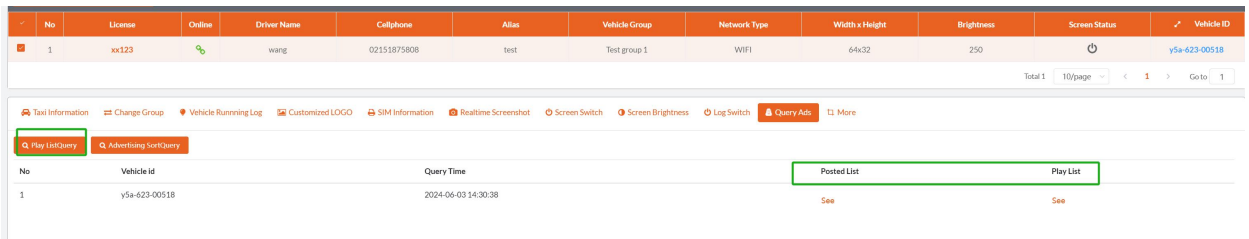
Set

Query

Query Ads:

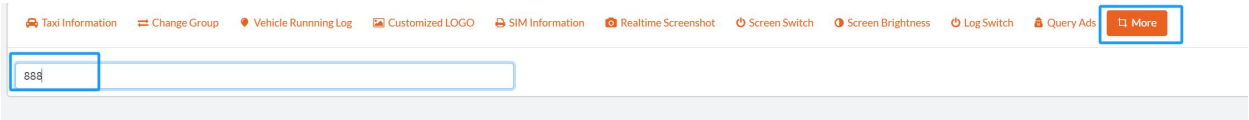
Play List Query means to check Posted List and Play list, this function mainly for double check the ads play status. click "See" icon to check details.

Advertising sort query means to check the sequence ads for the vehicle, click "see" icon to get details.



More

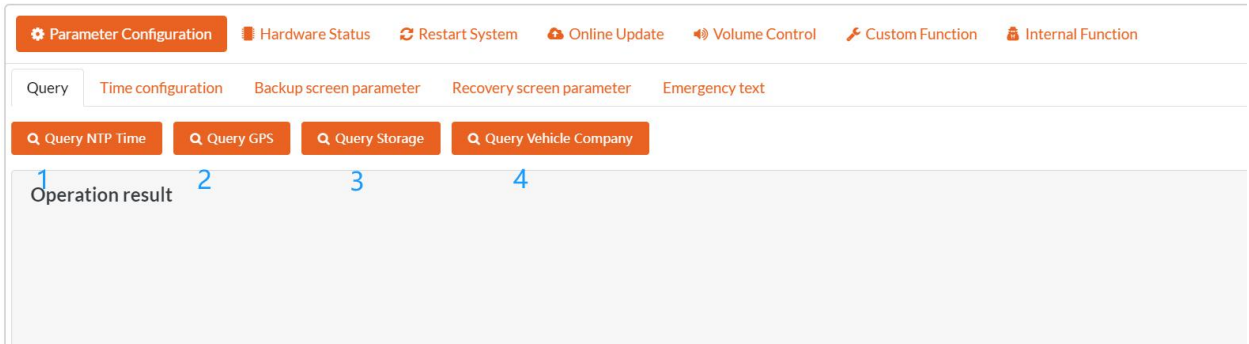
Password is 888



Parameter Configuration:

Query:

1. Query NTP time: click this button to check vehicle timezone , date, clock
2. Query GPS: click this button to check vehicle GPS lantitude and longitude information, if no GPS signal, then will no data
3. Query Storage: click this button to check vehicle controller storage balance
4. Query vehicle company: this button no use for now.



Time configuration

- 1. please input correct NTP server address and click set to configure the timezone for vehicle controller, another method is select Time zone for it, support customized.
- 2. If want to realize all vehicle screens display images in the same frame, please set Time Limit, choose NTP and set Synchronization interval time, click Set. GPS synchronization needs to be connected to a GPS antenna, and the time can adjusted through GPS to achieve synchronization.

QueryTime configurationBackup screen parameterRecovery screen parameterEmergency text

Time Limit

NTP

GPS

Synchronization interval (minutes / time)

0

Set

Query

NTP server address:

Please Enter Content

Time zone:

Please Select

☐ Customized

Set

Operation result

2

1

The factory default is NTP synchronization mode, the control card needs to be kept online, and the system automatically adjust the time through the network.

Hardware Status

Click Query button and will get the vehicle controller hardware information in details:

Parameter ConfigurationHardware StatusRestart SystemOnline UpdateVolume ControlCustom FunctionInternal Function

Query

Query Receiver Cards Quantities

Operation result

2024-06-03 14:57:32GetFpgalInfo

y5a-623-00518 GetFpgalInfo

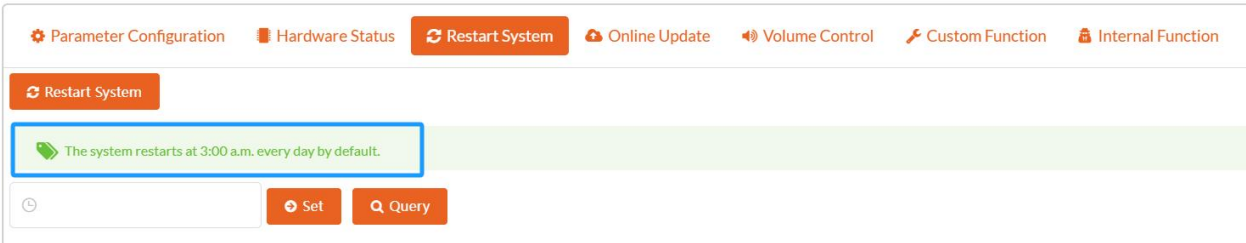
No	Edition	Humidity	Temperature	Card Voltage	External voltage 1	External Voltage 2	The door was opened	Smog
1	b408.1.401	0.0%	30.0°C	0.0V	0.0V	0.0V	Close	Normal

Query the number of cards: not support yet.

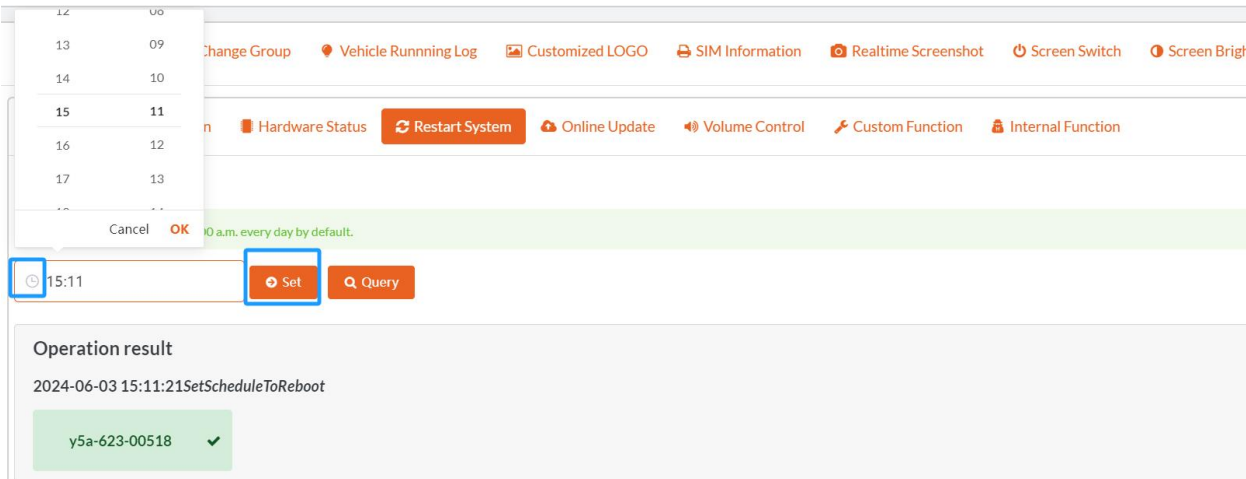
Restart System

support to restart the vehicle controller from cloud platform by manual.

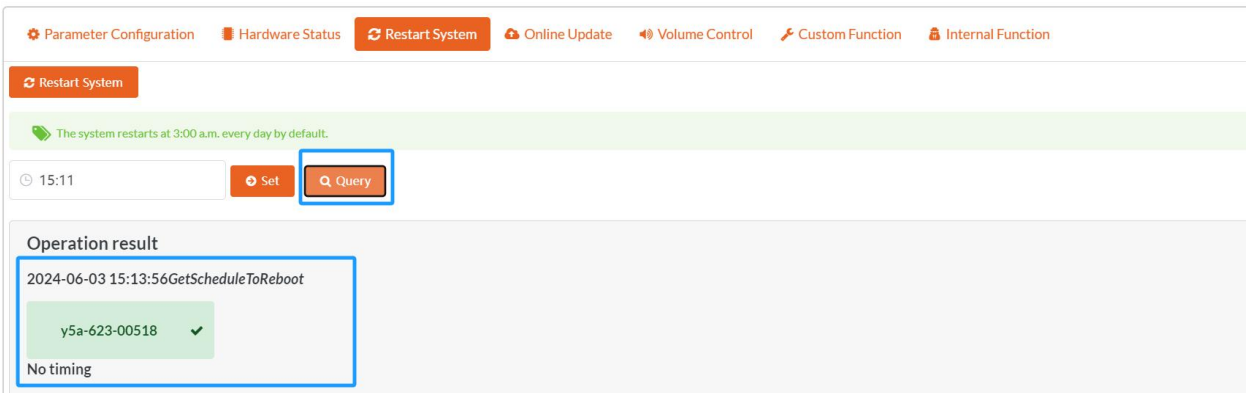
Please check the green tips: the default is automatically restarted at 3 am.



Can set restart schedule, see screenshot in below:

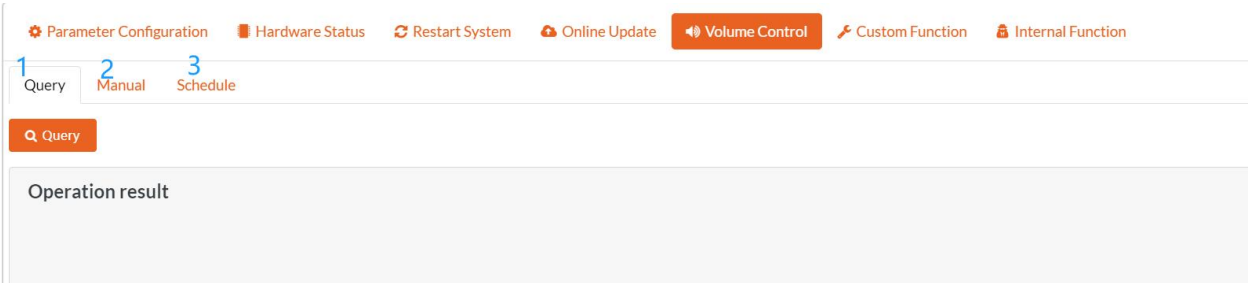


click the "Query" button to query if the control card is set to restart the task.



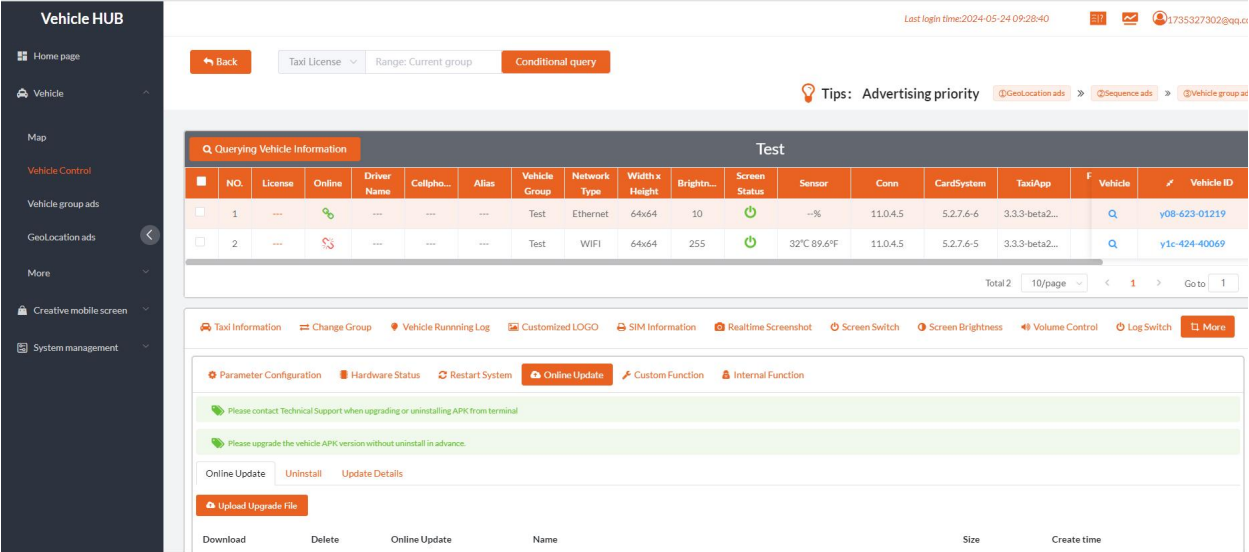
Volume Control

- 1.click Query button to check current volume value
- 2.click Manual to set volume value
- 3.click Schedule to set volume schedule task



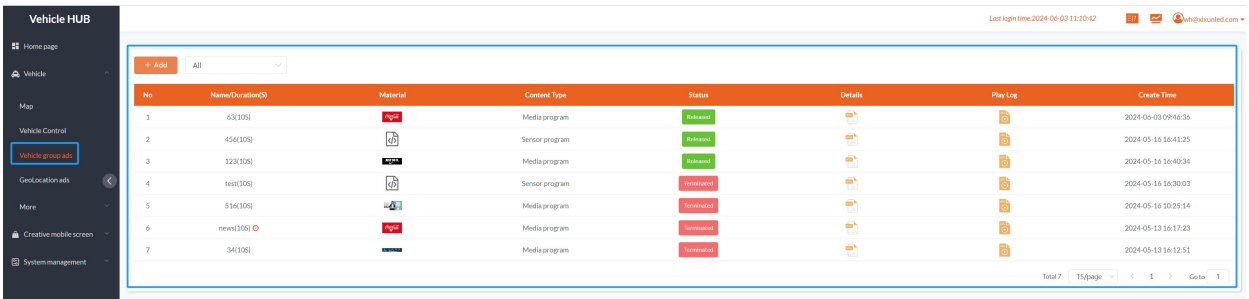
Online Update

Sysolution engineer will release new upgrade packages based on demand, update and optimize existing functions, customers can remotely update firmware package, firmware package file format type is .zip file.---please contact Sysolution engineer before do this operation.



3.1.4 Vehicle group ads

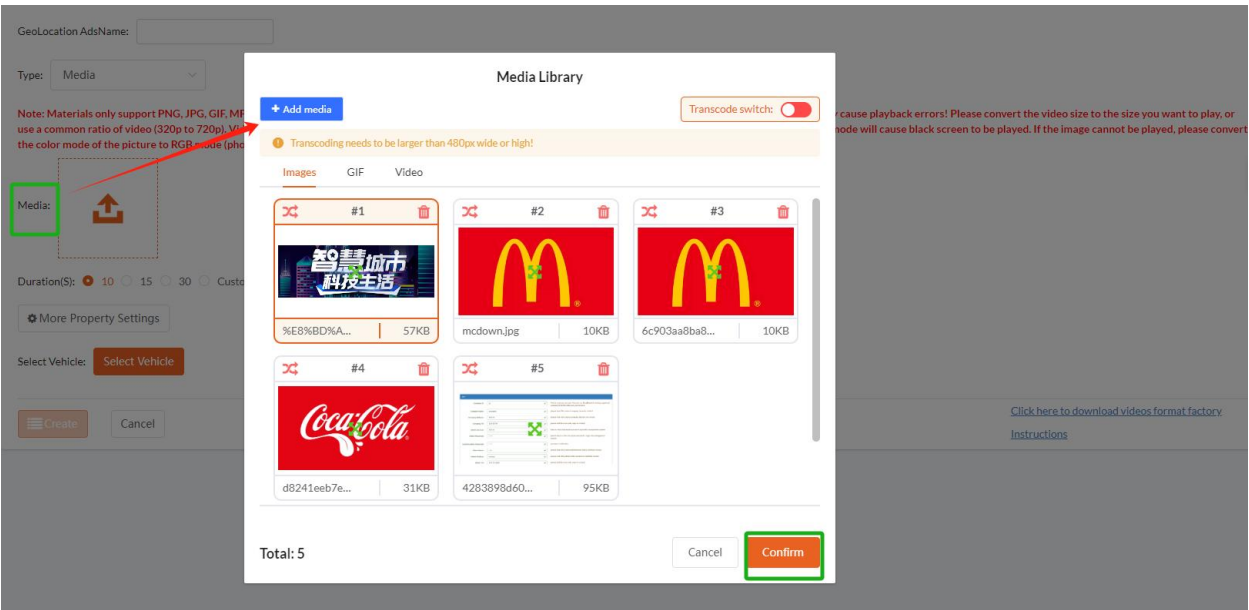
Click vehicle group ads and enter interface in the right side, click "+Add" button to edit new ads



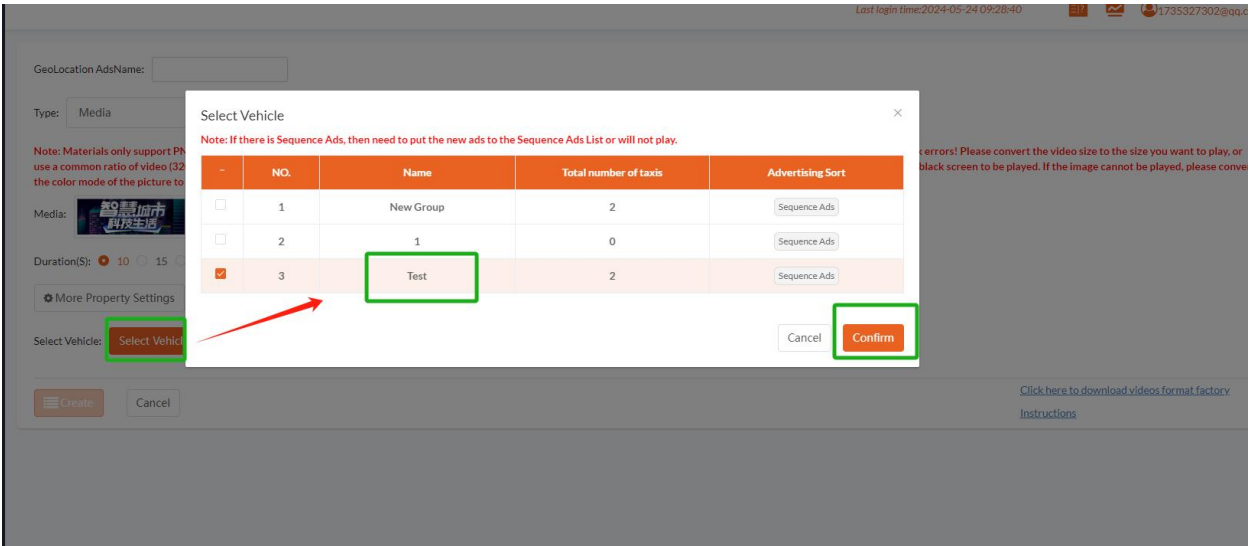
Set up ads name and click Media Library to select a material



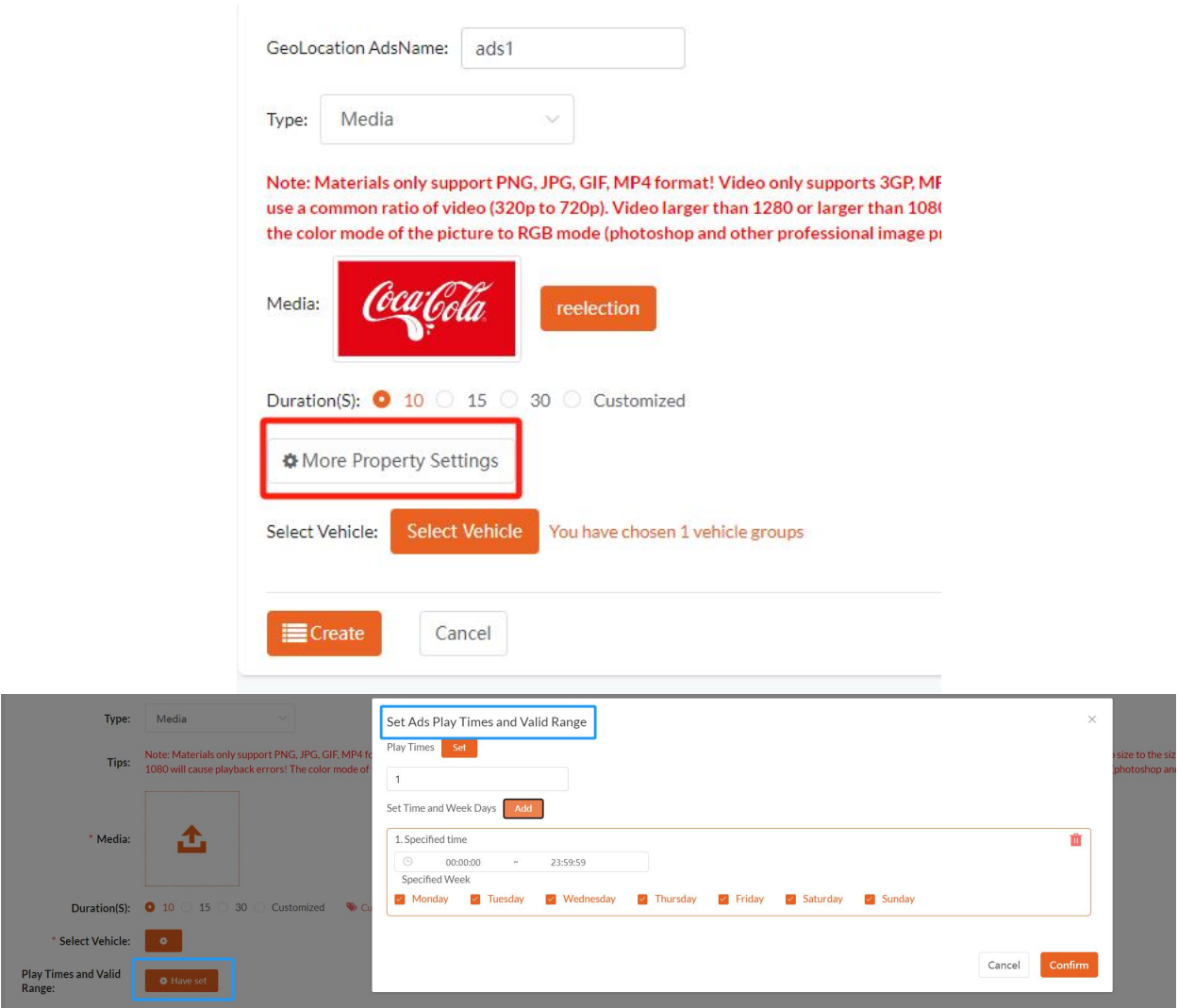
If there is no ads content, please upload new material files. Please click Confirm button after selecting an image or video.



Click "select vehicle" button and then select the group name, then click OK.



Can set the play times and schedule time for the ads, click “More Property Setting” button



After all setup, click “Create” button

GeoLocation AdsName:

Type:

Media

Note: Materials only support PNG, JPG, GIF, MP4 format! Video only supports 3GP, MP4. MP4 encoding use a common ratio of video (320p to 720p). Video larger than 1280 or larger than 1080 will cause play the color mode of the picture to RGB mode (photoshop and other professional image processing software)

Media:

 reelection

Duration(S):

☒

 10

☐

 15

☐

 30

☐

 Customized

⚙ More Property Settings

Select Vehicle:

Select Vehicle

 You have chosen 1 vehicle groups

Create

Cancel

Click this button to examine the ads under the “Unreleased” page.

+ Add

Unreleased

NO.	Name/Duration(S)	Material	Content type	Status	Details	Create Time	ReleaseExecute
1	ads1(10S)		Media program	Pending review		2024-05-24 11:51:22	   
2	1(10S)		Media program	Approved		2024-04-16 16:24:46	   
3	2(10S)		Media program	Approved		2024-03-07 15:33:21	   

Total 3

15/page

< 1 >

Go to 1

+ Add

Unreleased

No	Name/Duration(S)	Material	Content Type	Status	Details	Create Time	ReleaseExecute
1	ads 6(10S)		Media program	Approved		2024-06-03 15:27:37	   

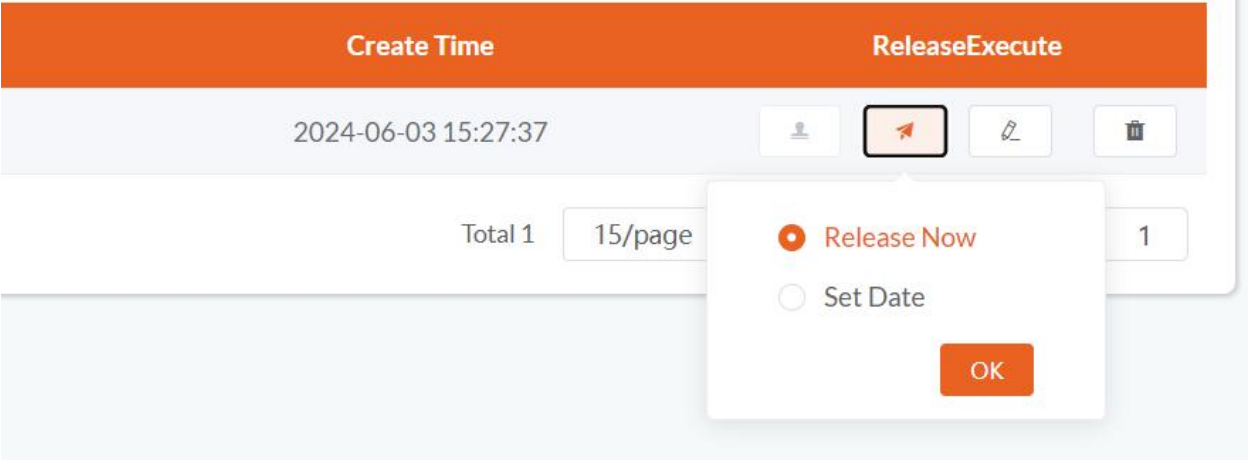
Total 1

15/page

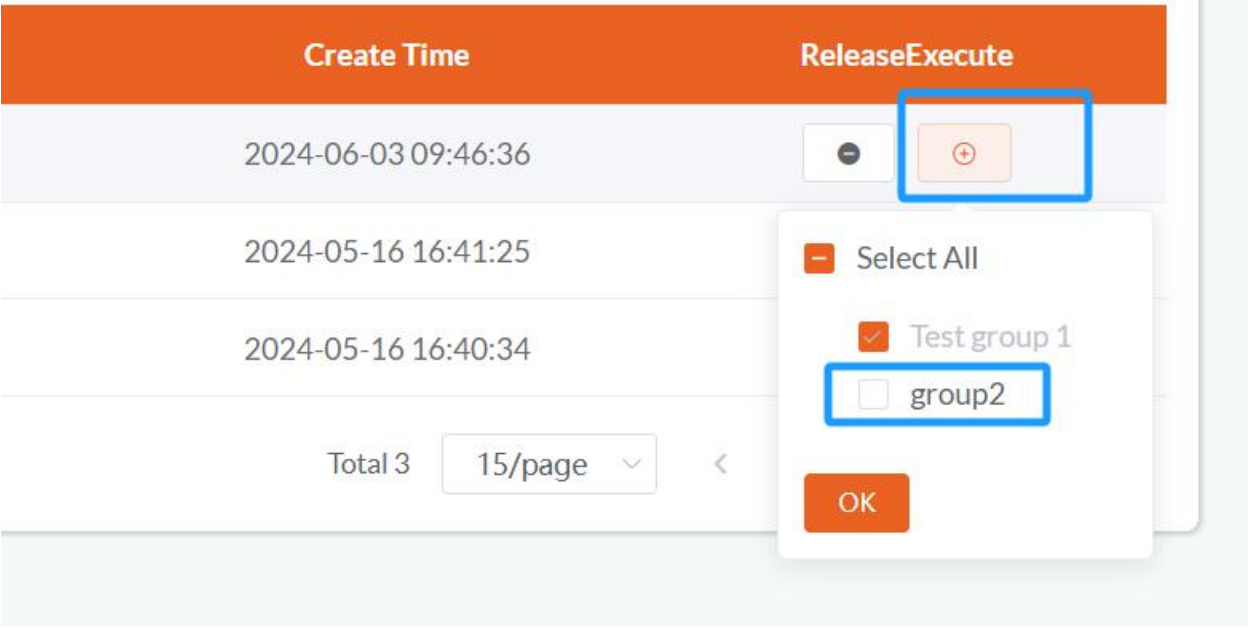
< 1 >

Go to 1

Click Publish button and release the ads, can release Now or set Date for future release. Click OK after setup.



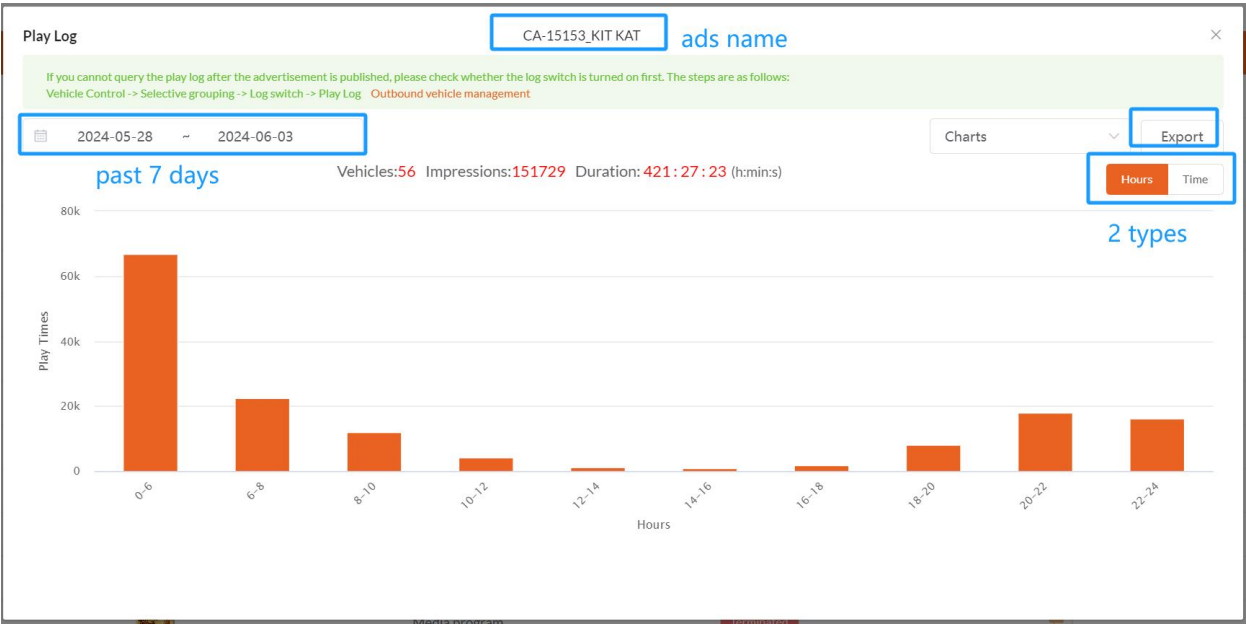
Click + button to add this ads to more vehicle groups.



Play Log

click the button to check play log.

Details	Play Log	Create Time	ReleaseExecute
		2024-06-03 09:46:36	
		2024-05-16 16:41:25	
		2024-05-16 16:40:34	
Total 3 15/page < 1 > Goto 1			



Play Log

CA-15153_KIT KAT

×

If you cannot query the play log after the advertisement is published, please check whether the log switch is turned on first. The steps are as follows:
Vehicle Control -> Selective grouping -> Log switch -> Play Log Outbound vehicle management

📅

2024-05-28

~

2024-06-03

Total Times 151729

List

Charts

List

Map

Export

No	Start Time	Card Number	Alias	Name	Duration	Start Playing Longitude	Start Playing Latitude
1	2024-06-03 14:53:04	y5a-123-90473	16	CA-15153_KIT KAT	10	-33.45863833333334	-70.67355666666668
2	2024-06-03 14:53:43	y5a-123-90473	16	CA-15153_KIT KAT	10	-33.45852166666667	-70.67499500000001
3	2024-06-03 14:54:22	y5a-123-90473	16	CA-15153_KIT KAT	10	-33.45896666666667	-70.68373833333334
4	2024-06-03 14:51:07	y5a-123-90473	16	CA-15153_KIT KAT	10	-33.471003333333336	-70.66727
5	2024-06-03 14:51:46	y5a-123-90473	16	CA-15153_KIT KAT	10	-33.46534666666667	-70.67208333333333
6	2024-06-03 14:52:25	y5a-123-90473	16	CA-15153_KIT KAT	10	-33.459916666666665	-70.67330666666668
7	2024-06-03 14:49:10	y5a-123-90473	16	CA-15153_KIT KAT	10	-33.47693	-70.65383000000001
8	2024-06-03 14:49:49	y5a-123-90473	16	CA-15153_KIT KAT	10	-33.477381666666666	-70.65817666666668
9	2024-06-03 14:50:28	y5a-123-90473	16	CA-15153_KIT KAT	10	-33.47556666666667	-70.66479666666667
10	2024-06-03 14:47:13	y5a-123-90473	16	CA-15153_KIT KAT	10	-33.477695000000004	-70.64166833333334

< 1 2 3 4 5 6 ... 15173 >

📅

2024-05-18

~

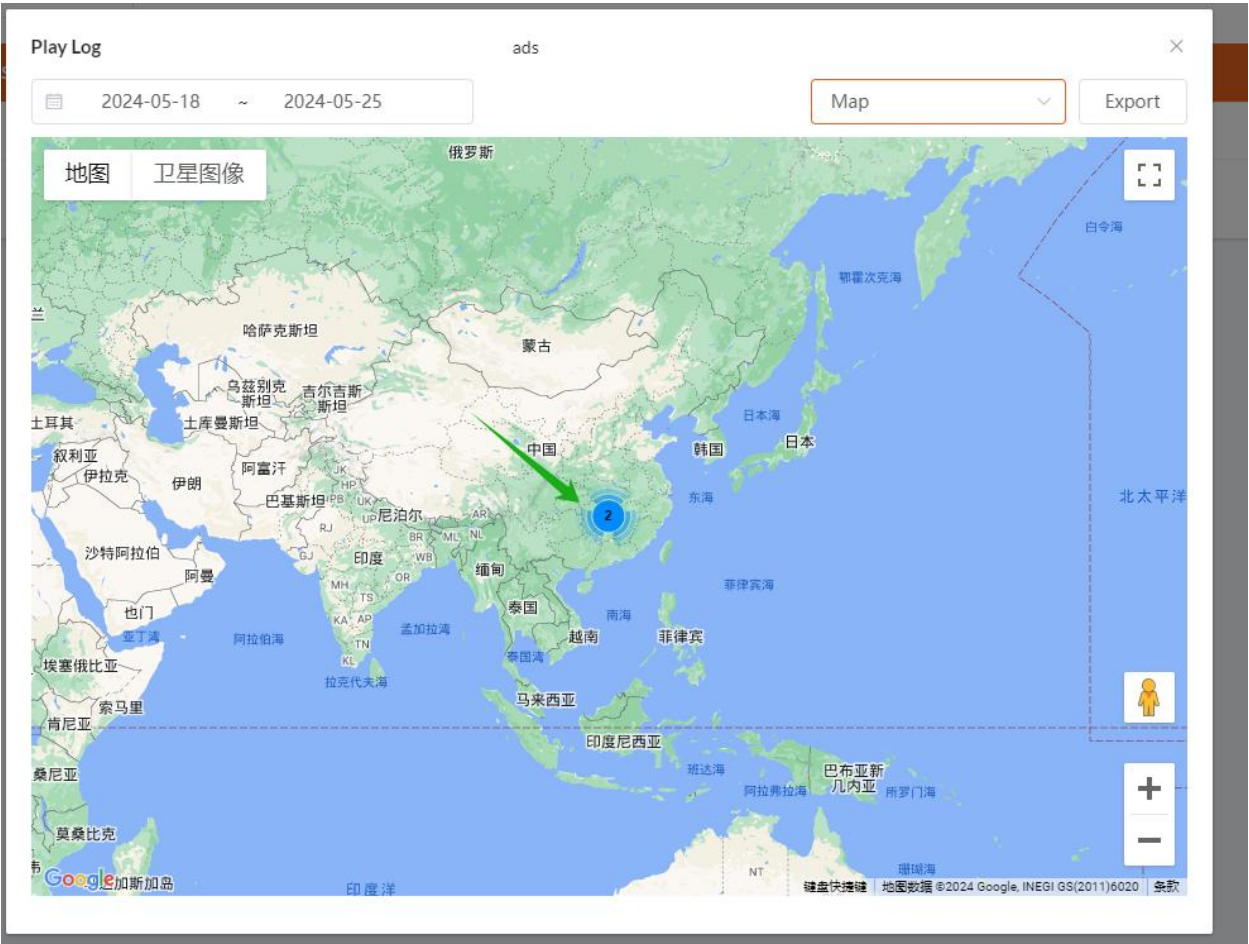
2024-05-25

List

Export

Total Times 27

4	A	B	C	D	E	F	G	
1	Device Id	Alias	Duration(s)	Begin Play Time	AD Name	Latitude	Longitude	
2	y1c-424-40069		10	2024-05-24 13:54:20 +0800 CST	ads	28.188630333333336	113.02386499999999	
3	y1c-424-40069		10	2024-05-24 13:54:30 +0800 CST	ads	28.188632	113.02386333333334	
4	y1c-424-40069		10	2024-05-24 13:54:40 +0800 CST	ads	28.188638666666666	113.02386283333333	
5	y1c-424-40069		10	2024-05-24 13:54:50 +0800 CST	ads	28.188631166666666	113.02386183333334	
6	y1c-424-40069		10	2024-05-24 13:55:00 +0800 CST	ads	28.1886355	113.02386083333334	
7	y1c-424-40069		10	2024-05-24 13:55:10 +0800 CST	ads	28.188626	113.02386466666667	
8	y1c-424-40069		10	2024-05-24 13:55:20 +0800 CST	ads	28.188637166666663	113.023861	
9	y1c-424-40069		10	2024-05-24 13:55:30 +0800 CST	ads	28.188644833333333	113.02386366666666	
10	y1c-424-40069		10	2024-05-24 13:55:40 +0800 CST	ads	28.188655833333333	113.02385983333333	
11	y1c-424-40069		10	2024-05-24 13:55:50 +0800 CST	ads	28.188652333333334	113.02386016666667	
12	y1c-424-40069		10	2024-05-24 13:56:00 +0800 CST	ads	28.188663	113.02385583333334	
13	y1c-424-40069		10	2024-05-24 13:56:10 +0800 CST	ads	28.188663333333336	113.0238515	
14	y1c-424-40069		10	2024-05-24 13:56:20 +0800 CST	ads	28.188655999999998	113.02384816666667	
15	y1c-424-40069		10	2024-05-24 13:56:30 +0800 CST	ads	28.188641666666666	113.02384983333334	
16	y1c-424-40069		10	2024-05-24 13:56:40 +0800 CST	ads	28.188668666666663	113.02384183333334	
17	y1c-424-40069		10	2024-05-24 13:56:50 +0800 CST	ads	28.188666333333333	113.02384283333335	
18	y1c-424-40069		10	2024-05-24 13:57:00 +0800 CST	ads	28.188661000000003	113.02384099999999	
19	y1c-424-40069		10	2024-05-24 13:57:10 +0800 CST	ads	28.188662333333333	113.02383366666666	
20	y1c-424-40069		10	2024-05-24 13:57:20 +0800 CST	ads	28.1886635	113.02382766666666	
21	y1c-424-40069		10	2024-05-24 13:57:30 +0800 CST	ads	28.1886635	113.02382766666666	



Click Details button to check more information

+ Add

Released

NO.	Name/Duration(S)	Material	Content type	Delivery result(Execute Success Result/Total)	Details	Play Log	Create Time	ReleaseExecute
1	ads(10S)		Media program	1/2			2024-05-24 13:42:49	 

Total 115/page<1>Go to1

Click Export button to get the ads release information in Excel document,

Details

Group

Vehicle ID

Execute Success Result

Execute Failed Result

Balance 1

y1c-424-40069

Export

Refresh

A1	Vehicle ID
Vehicle ID	Alias
y1c-424-40069	License
	Driver Name
	Driver Tel
	Execute Time
	2024-05-24 13:42:49

Click this button to terminate the ads

+ Add

Released

NO.	Name/Duration(S)	Material	Content type	Delivery result(Execute Success Result/Total)	Details	Play Log	Create Time	ReleaseExecute
1	ads(10S)		Media program	1/2			2024-05-24 13:42:49	 

Total 115/page<1>Go to1

Under Terminated interface, will see all terminate ads in the list

+ Add

Terminated

Delete

	NO.	Name/Duration(S)	Material	Details	Play Log	Content type	Create Time	Execute
☐	1	ads1(10S)				Media program	2024-05-24 11:51:22	 
☐	2	1(10S)				Media program	2024-04-16 16:24:46	 
☐	3	314(10S)				Media program	2024-03-14 10:17:19	 
☐	4	1(10S)				Media program	2024-03-07 15:26:28	 

Total 4

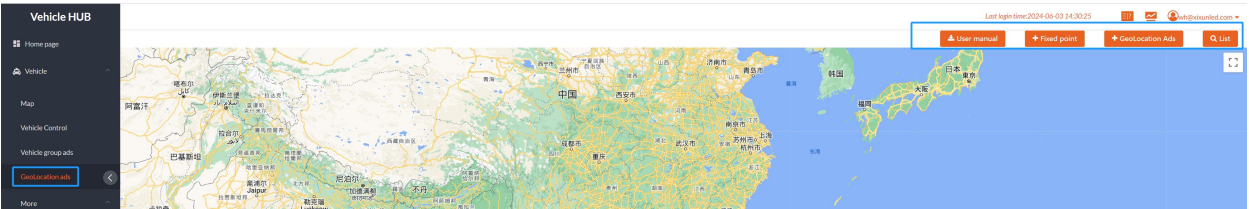
15/page

<1>Go to1

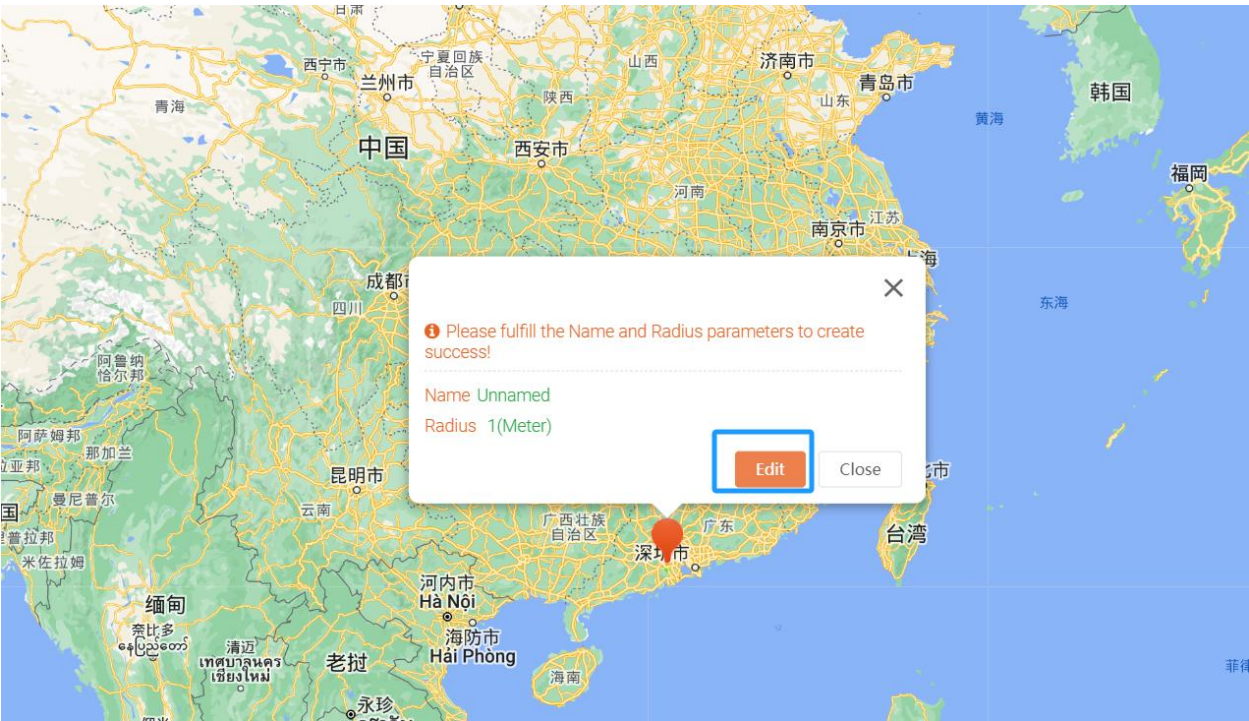
Click the return back then the ads will back to Unreleased list, so no need to make the same ads again.

3.1.5Geolocation ads

click Geolocation ads and will see the google map on the right, click the "user manual" to get help.

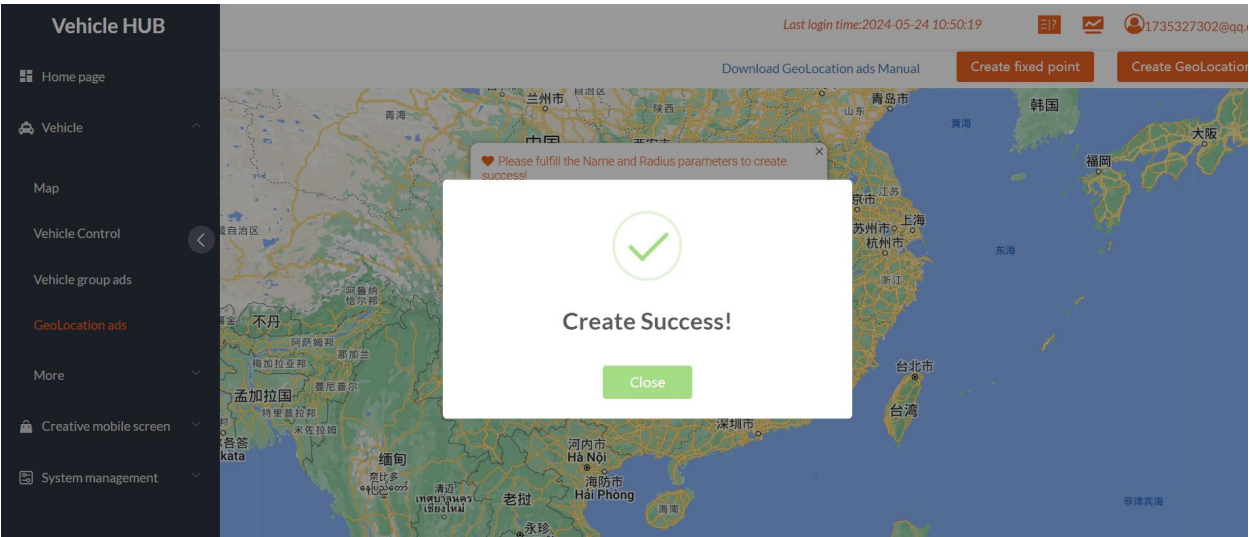


click "+ fixed point" to add red icon on the map to generate a fixed-point,

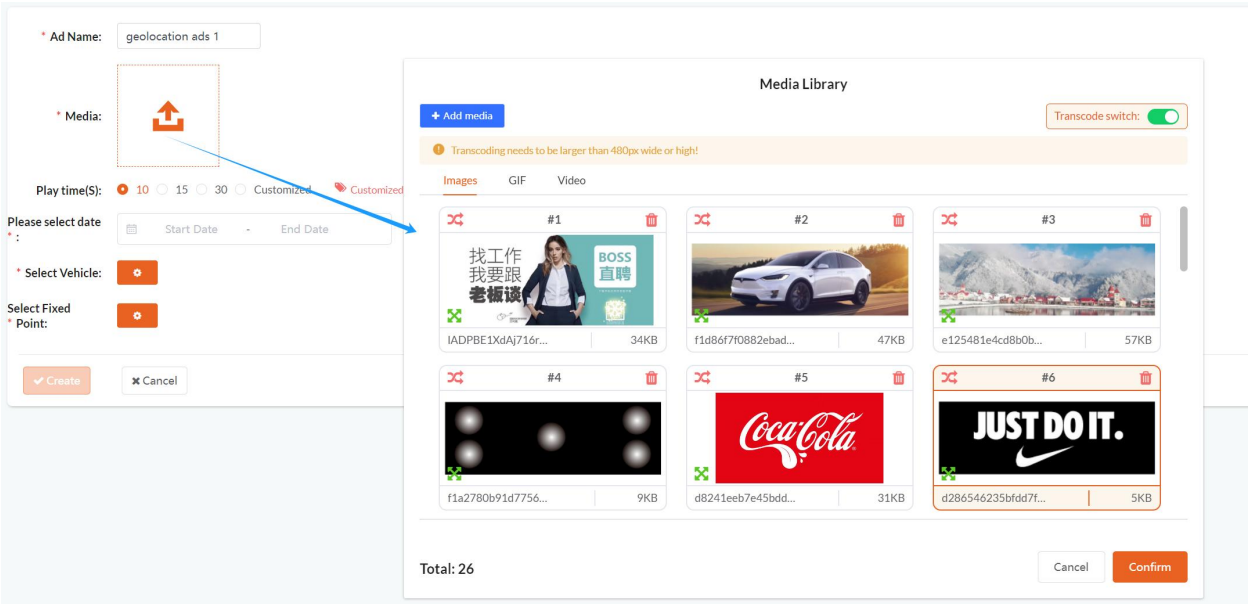


Click Edit button and input the name and radius of the fixed point, and click Confirm.





click "+ Geo location ads" button and enter the editing interface:



Ad Name

fixed ads1

Media



reelection

Play time(S)

☒ 10

☐ 15

☐ 30

☐ Customized

Customized duration can not exceed the video default duration!

Please select

Start Date

End Date

The valid date range time start at 00:00:00 and end at 23:59:59.

date

Select Fixed



Point

Select Vehicle



Create

Cancel

Set the start date and end date, and click “Next” .

Ad Name

fixed ads1

Media



reelection

Play time(S)

☒ 10

☐ 15

☐ 30

☐ Customized

Customized duration can not exceed the video default duration!

Please select

2024-05-24

2024-05-31

The valid date range time start at 00:00:00 and end at 23:59:59.

date

Select fixed point and click Next.

Ad Name

fixed ads1

Media



Play time(S)

☒ 10

☐ 15

Please select

2024-05-24

date

Select Fixed



Point

Select Vehicle



Create

Cancel

Select Fixed Point

	NO.	Name	Radius(Meter)	Create time
☒	1	point1	1000	2024-05-24 14:04:42
☐	2	test2	1000	2024-05-23 10:14:04
☐	3	test	1000	2024-05-23 09:58:51
☐	4	#	500	2024-03-14 10:39:33

Cancel

Confirm

Select the terminal group and click Create.

Ad Name

fixed ads1

Media



Play time(S)

10

15

Please select date

2024-05-24

Select Fixed Point

You have chosen 1 fixed points

Select Vehicle

Select Vehicle

Create

Cancel

Select Vehicle

Confirm

Cancel

Click Execute button,

Vehicle HUB

Home page

Vehicle

Map

Vehicle Control

Vehicle group ads

GeoLocation ads

More

Creative mobile screen

System management

Last login time:2024-05-24 10:50:19

1735327302@qq.com

Create GeoLocation ads success, waiting for approval and release!

Name: fixed ads1

Date: 2024-05-24--2024-05-25

Fixed Point: You have chosen 1 fixed points.

Vehicle: You have chosen 1 vehicle groups

Execute

Back

Create GeoLocation ads success, waiting for approval and release!

Name: fixed ads1

Date: 2024-05-24--2024-05-25

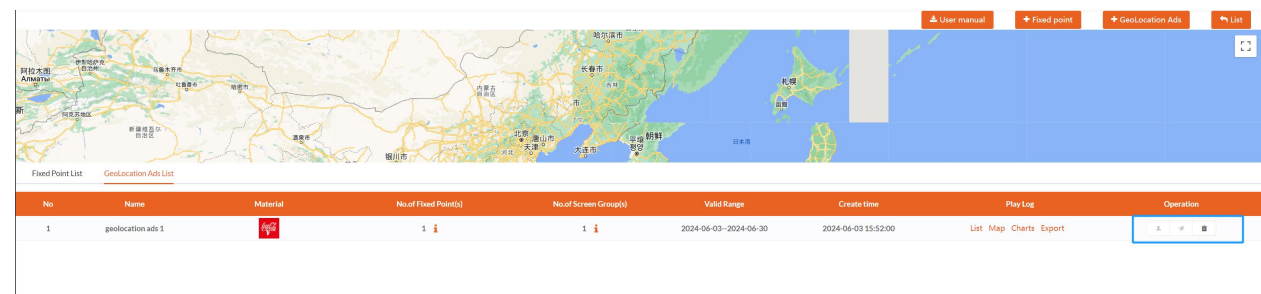
Fixed Point: You have chosen 1 fixed points.

Vehicle: You have chosen 1 vehicle groups

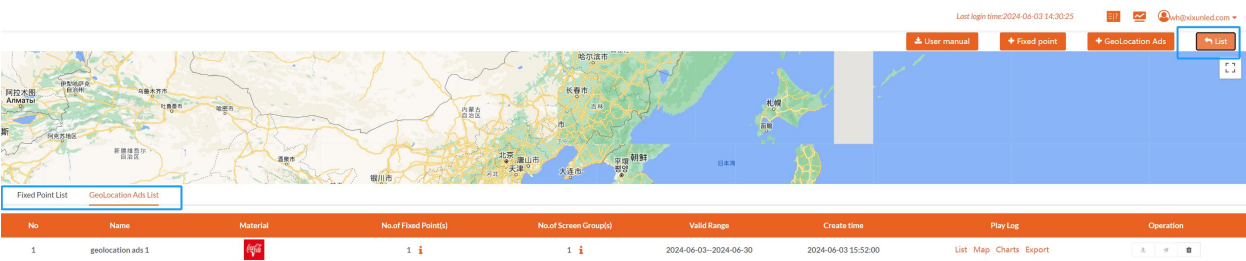
Execute

Back

Click button to examine and then publish



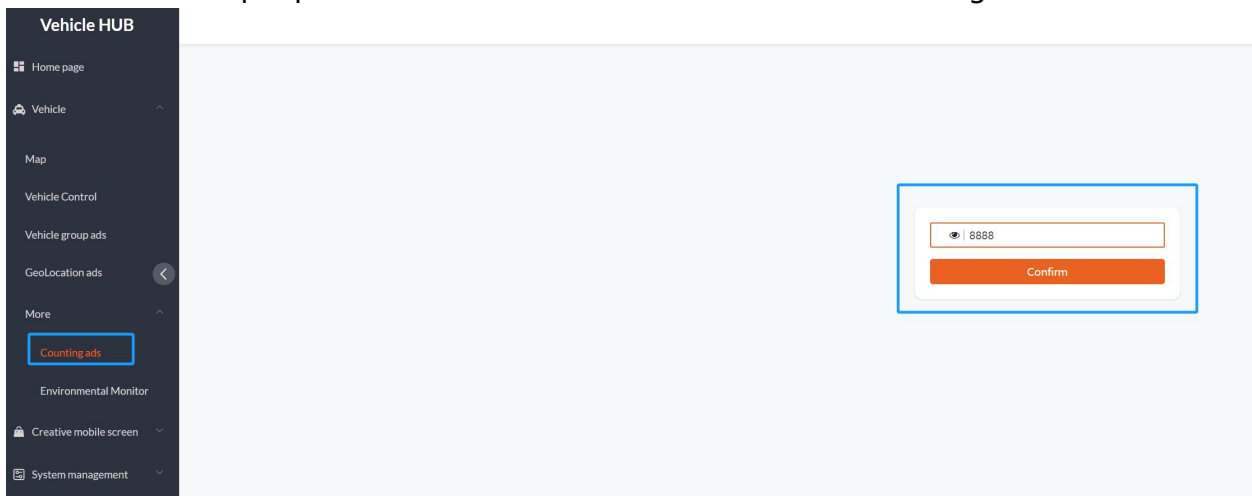
List: click List button to check the fixed point on the map and switch back to list information.



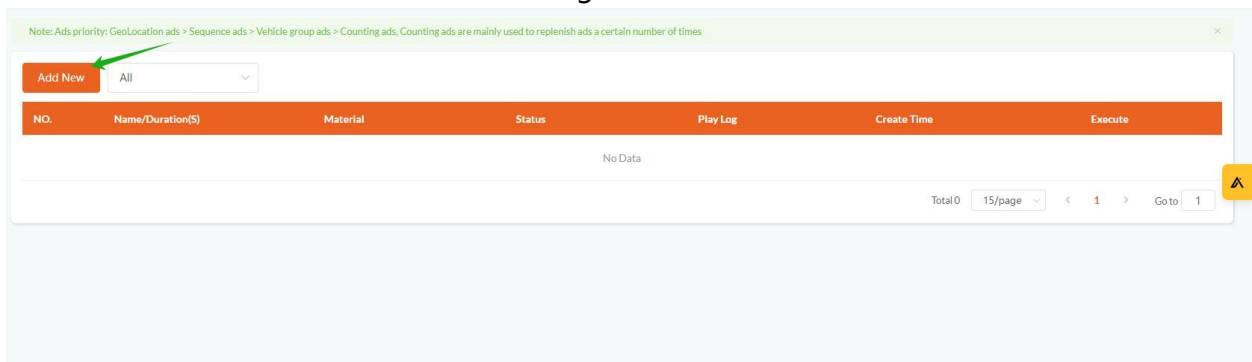
If want to delete a fixed point, need to delete the geolocation ads first, then can remove the fixed point success.

3.1.6 Counting ads

Click More and input password 8888 and Confirm, then Choose Counting ads



Click "Add New" button to enter the editing interface.



set Ad Name

Vehicle number: suppose totally 100 vehicles, but only want display this ads on 50 vehicles, then set 50

Media: select from media center

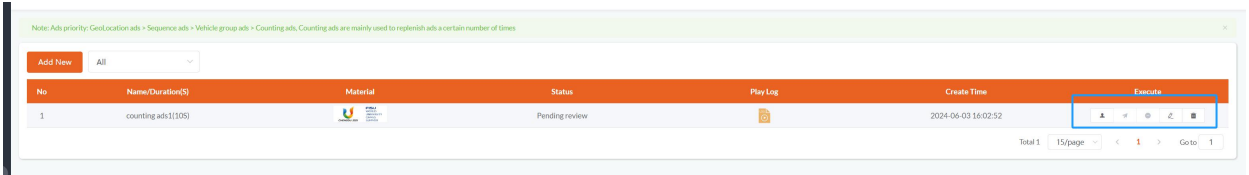
Duration: each media play duration

then click Create button to finish.

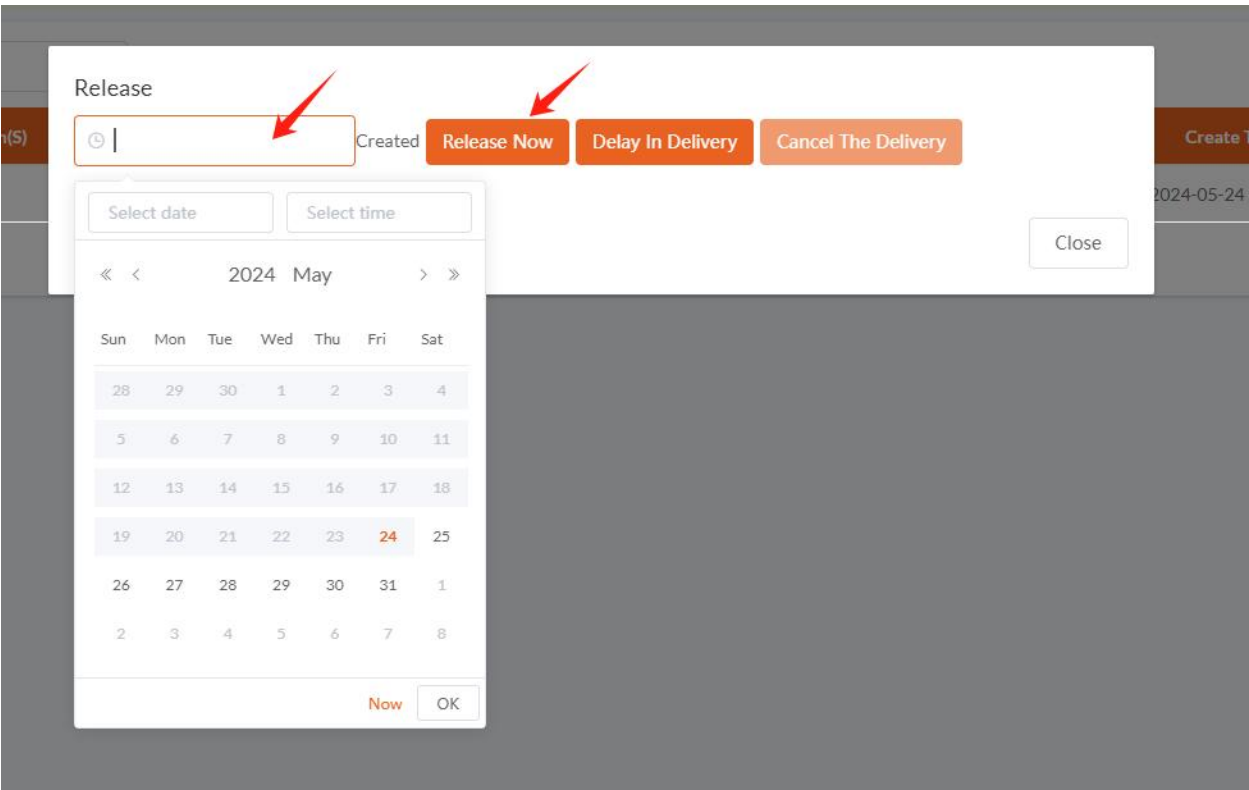
The image shows the 'Add New' form for creating a counting ad. The form includes the following fields and controls:

- * Ad Name: A text input field containing 'counting ads1'.
- * Vehicle No: A text input field containing '50', highlighted with a blue box.
- * Media: A dropdown menu showing 'reelection' as the selected option. The dropdown is open, showing a list of media items including 'CHENGDU 2021' and 'FISU WORLD UNIVERSITY GAMES SUMMER'.
- Duration(S): A text input field containing '10'.
- Online Priority: A checkbox labeled '(Normal Order Post If NotSelect)' which is checked.
- * Create: A button with a checkmark icon, highlighted with a blue box.
- * Cancel: A button with an 'x' icon.

Click the button to examine and then click publish button.

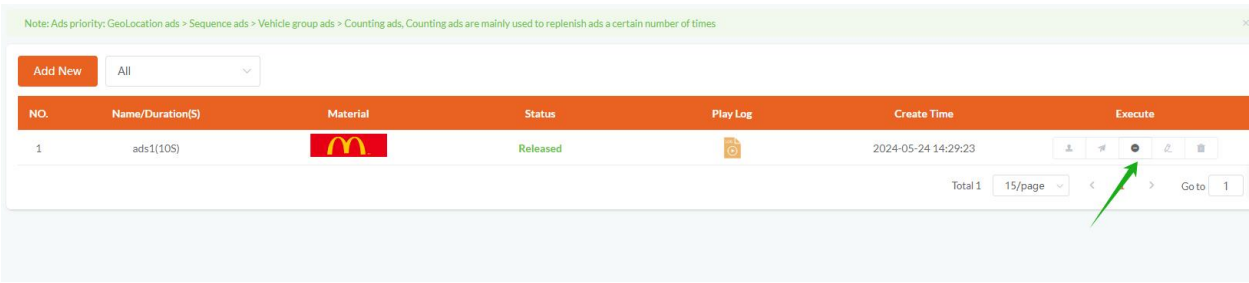


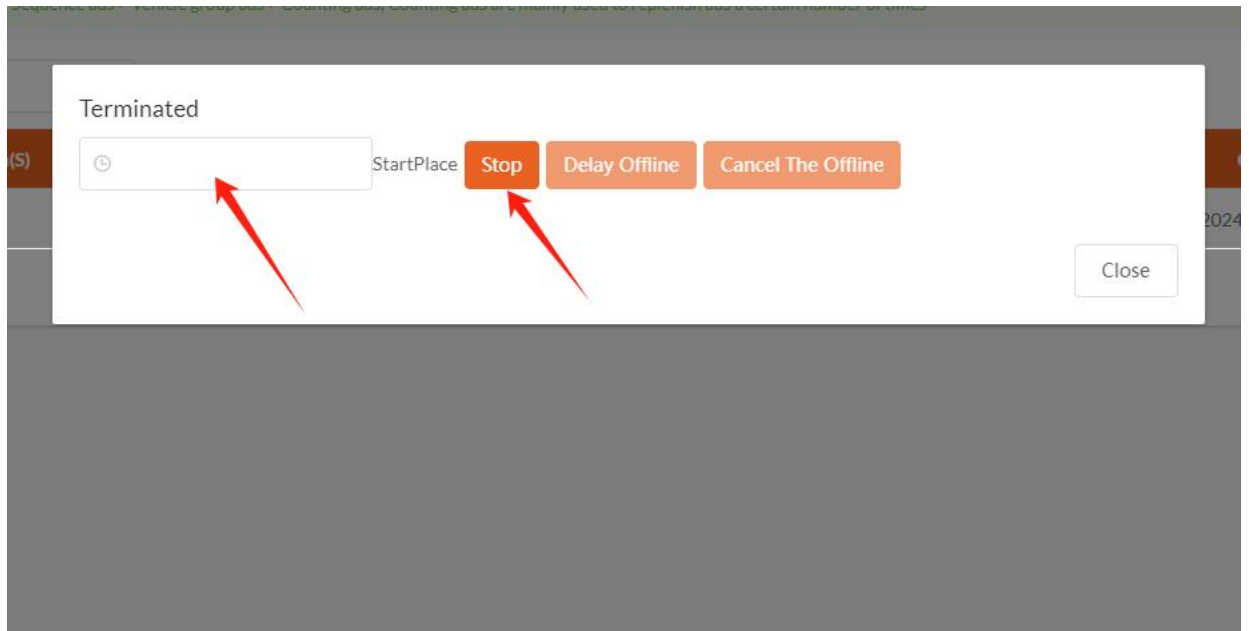
Click Release Now or set the Release date and time.



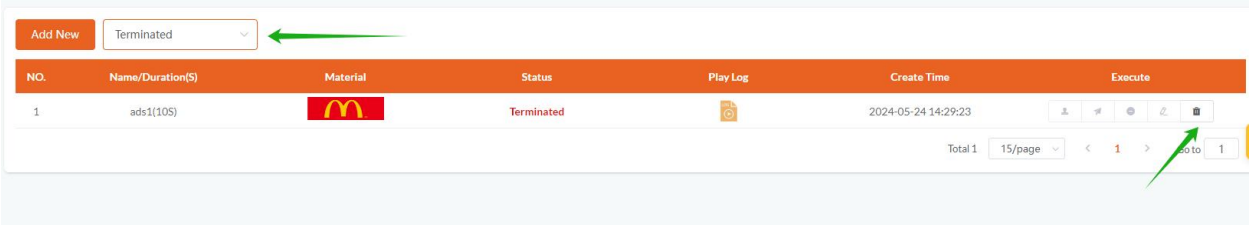
Choose Released then will see the ads in the list.

Click this button to terminate ads



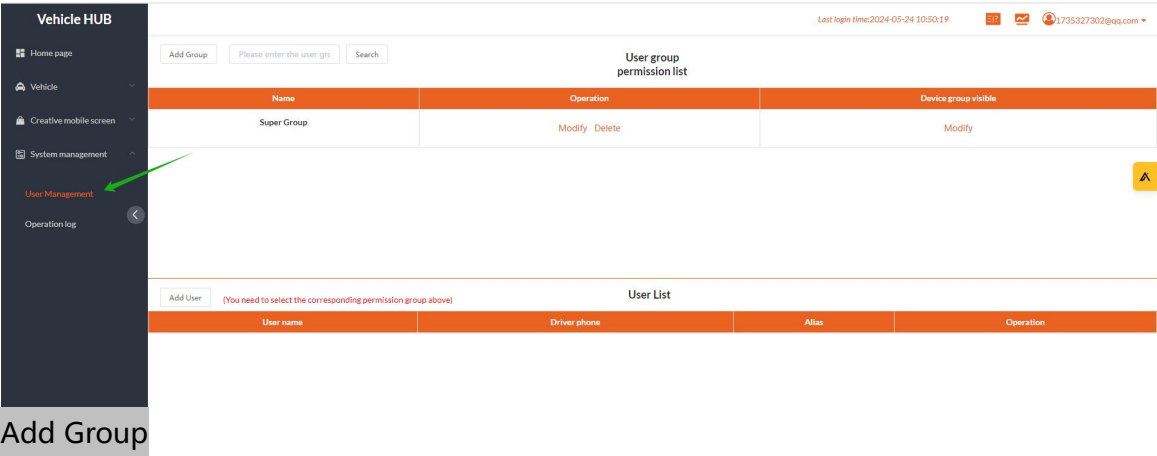


Then enter Terminate page will see the ads, can delete the ads.

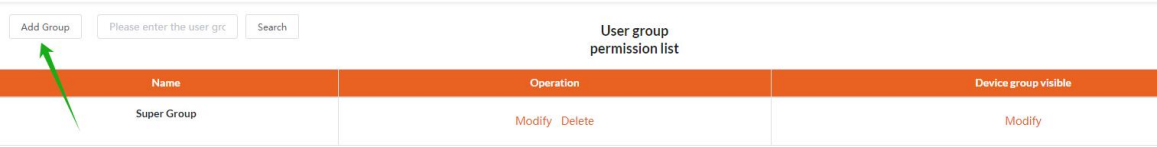


3.2 System management

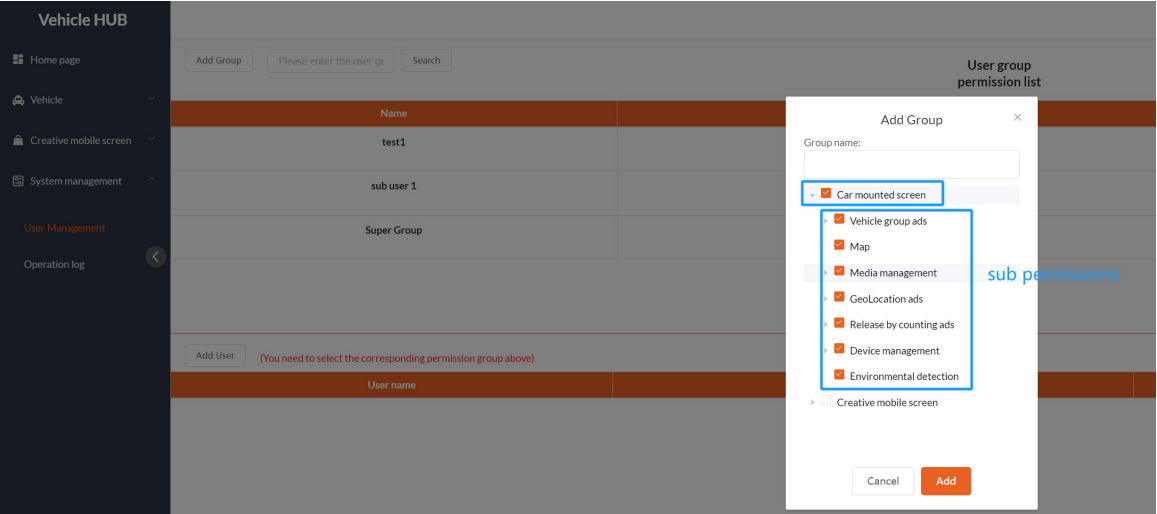
3.2.1 User Management



Click “Add Group” button to add a new user group



Set name for the new user group and select the permission rights.
For example: Under Car mounted screen, there are multiple permissions to choose.
Please select the permissions according to your own needs.



For Media Management, also has two permissions, please choose according to your own needs.

In total, there are many multiple permission items to select, please setup according to your own requirements.

After add new user group, click Modify button to set the vehicle group

Add Group Please enter the user grc Search		
User group permission list		
Name	Operation	Device group visible
sub user 1	Modify Delete	Modify
Super Group	Modify Delete	Modify

Add User

Select a specific user group then click “Add User” in the bottom part

Add Group
Please enter the user grc
Search

User group permission list

Name	Operation	Device group visible
sub user 1	Modify Delete	Modify
Super Group	Modify Delete	Modify

Add User
(You need to select the corresponding permission group above)

User List

User name	Driver phone	Alias	Operation
-----------	--------------	-------	-----------

edit the user name and password, click "add".

Add Group
Please enter the user grc
Search

User group permission list

Name	Operation	Device group visible
sub user 1	Modify Delete	Modify
Super Group	Modify Delete	Modify

Add User
(You need to select the corresponding permission group above)

Add User

Please enter a username:
Login account (minimum 8 characters)

Please enter password:
No less than 8

Please input mobile phone number:
Can be empty

Alias:
Can be empty

Cancel
Add

For example:

Add Group
Please enter the user grc
Search

permission list

Name	Operation	Device group visible
sub user 1	Modify Delete	Modify
Super Group	Modify Delete	Modify

Add User
(You need to select the corresponding permission group above)

Add User

Please enter a username:
test account 1

Please enter password:
123456789

Please input mobile phone number:
Can be empty

Alias:
Can be empty

Cancel
Add

Can also Modify the existed user group and user account

Successfully Added

Last login time:2024-05-24 10:50:19

1735327302@qq.com

Add Group

Please enter the user grps

Search

User group permission list

Name	Operation	Device group visible
sub user 1	Modify Delete	Modify
Super Group	Modify Delete	Modify

Add User

[You need to select the corresponding permission group above]

User List

User name	Driver phone	Alias	Operation
test account 1			Modify Delete

3.2.2 Operation Log

Taxiapp operation log and user log.

Vehicle HUB

Home page

Vehicle

Creative mobile screen

System management

User Management

Operation log

taxiappOperation log

connOperation log

Backpack monitorOperation log

User log

Last login time:2024-05-24 10:50:19

1735327302@qq.com

NO.	Event Type	Note Information	Ip	Operation Date
1	addUser		42.48.26.251	2024-05-24 15:22:55
2	addUserGroup		42.48.26.251	2024-05-24 15:18:35
3	offlineCountAd		42.48.26.251	2024-05-24 14:33:08
4	placeCountAd		42.48.26.251	2024-05-24 14:31:36
5	addCountAd		42.48.26.251	2024-05-24 14:29:23
6	placeRegionAd		42.48.26.251	2024-05-24 14:21:08
7	addRegionAd		42.48.26.251	2024-05-24 14:21:02
8	deleteRegionAd		42.48.26.251	2024-05-24 14:20:37
9	placeRegionAd		42.48.26.251	2024-05-24 14:20:29
10	addRegionAd		42.48.26.251	2024-05-24 14:20:19
11	deleteRegionAd		42.48.26.251	2024-05-24 14:19:49
12	placeRegionAd		42.48.26.251	2024-05-24 14:19:25
13	addRegionAd		42.48.26.251	2024-05-24 14:11:27
14	addRegion		42.48.26.251	2024-05-24 14:04:42
15	deleteRegionAd		42.48.26.251	2024-05-24 13:54:46

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