Parking Management System

User manual

(Server)

Context

1. System Overview 4

1.1 Login 4

1.2 Homepage 4

1.3 System Administration 5

1.3.1 User Management 5
1.3.2 Role setting 8

1.4 Car park management 9

1.4.1 Car park setting 10
1.4.2 Advanced setting 11
1.4.3 Region setting 12
1.4.4 Sentry Box Setting 13
1.4.5 Lane setting 13
1.4.6 Device Status 15
1.4.7 LED Screen setting 15
1.4.8 Voice setting 17
1.4.9 Ticket setting 18

1.5 Rate setting 18

1.6 Orders Management 20

1.6.1 On-site Vehicles 20
1.6.2 Departed Vehicles 22
1.6.3 Records of Vehicles 23
1.6.4 Transactions 24
1.6.5 Discount Records 24
1.6.6 Manual Switch 25

1.7 Report 25

1.7.1 Daily report 26
1.7.2 Monthly report 27
1.7.3 Annual report 27
1.7.4 Collector report 28

1.8 Monthly card 28

1.8.1 Product admin 28
1.8.2 Product OP record 31

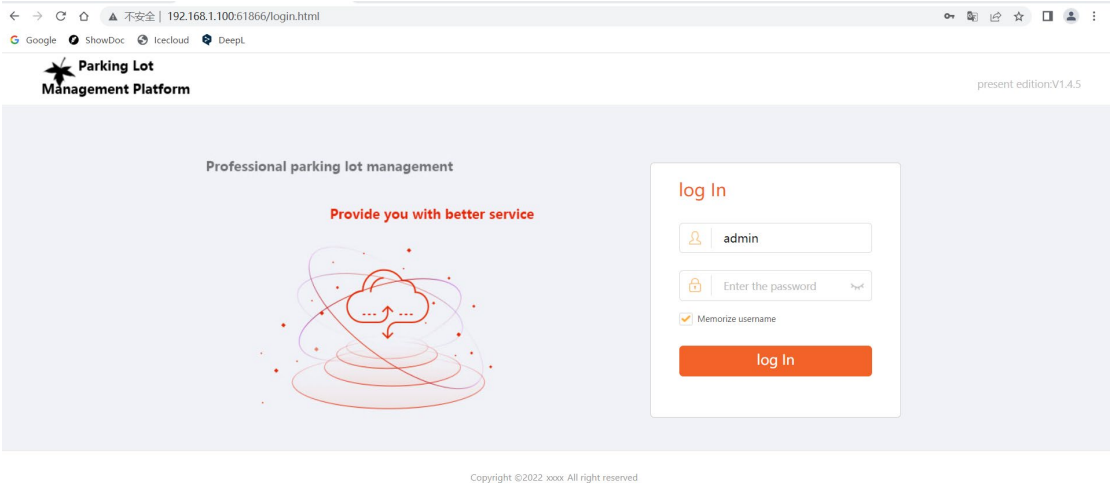
1.8.3 Card opening admin 31
1.8.4 Card OP record 35
1.9 Special car management 36
1.9.1 VIP vehicle type management 36
1.9.2 VIP vehicle management 37
1.9.3 VIP operation records 38

1. System Overview

1.1 Login

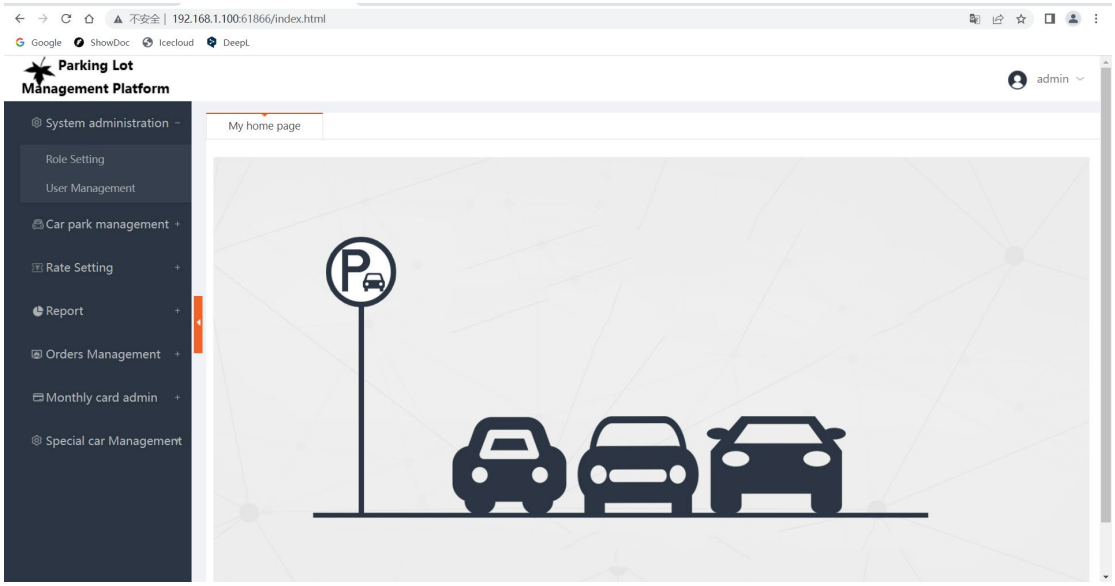
Get the parking management system software from Intellidata company ,install it , double click the following Icon to login the system.

Also you can enter the URL in the browser (default port: 61866, for example 192.168.1.100:61866) to login the platform.
the default user name: admin
password: 123456;
Supported browser: IE11, Google, Firefox



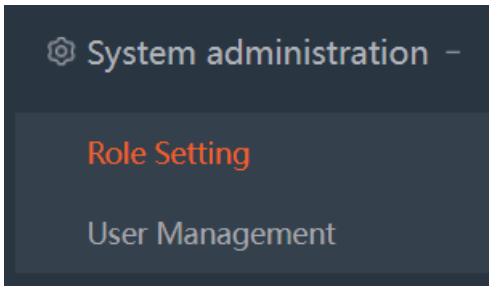
1.2 Homepage

The left is the menu bar, the right is the main window, the upper right shows the current user, click the triangle Icon to show the options about exit and password change.



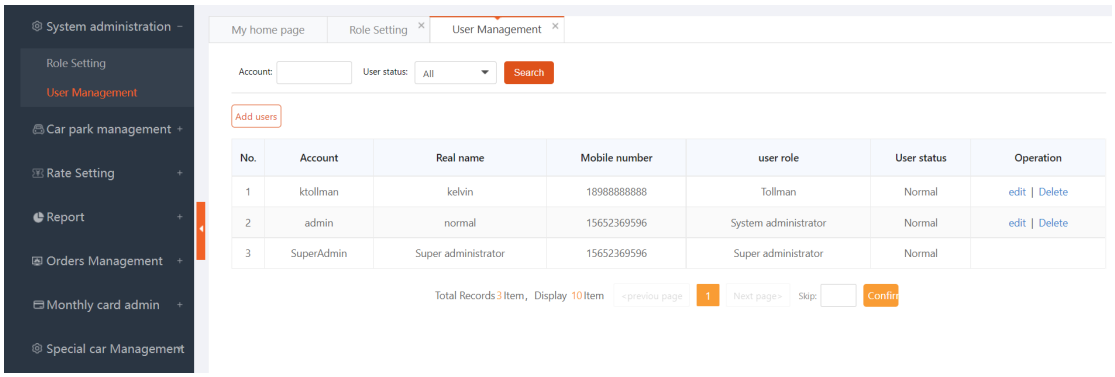
1.3System Administration

This module consists of 【User Management】and【Role setting】.



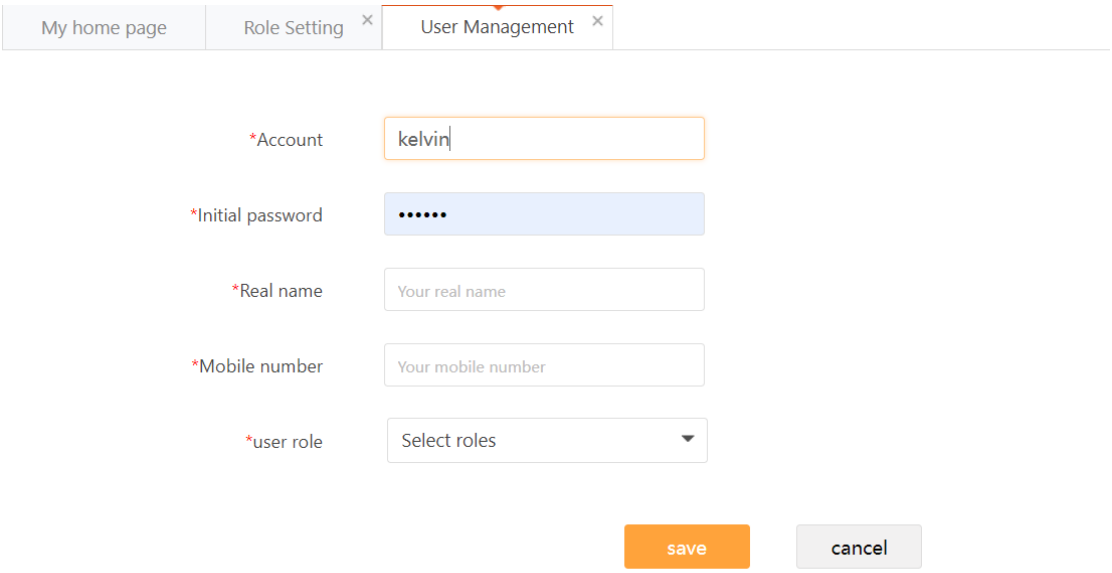
1.3.1User Management

List all the user in user management。



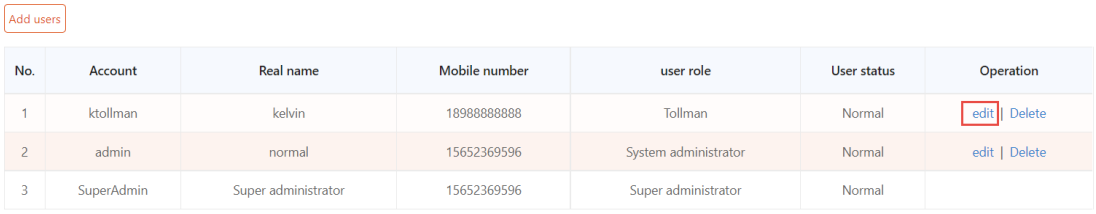
Add users

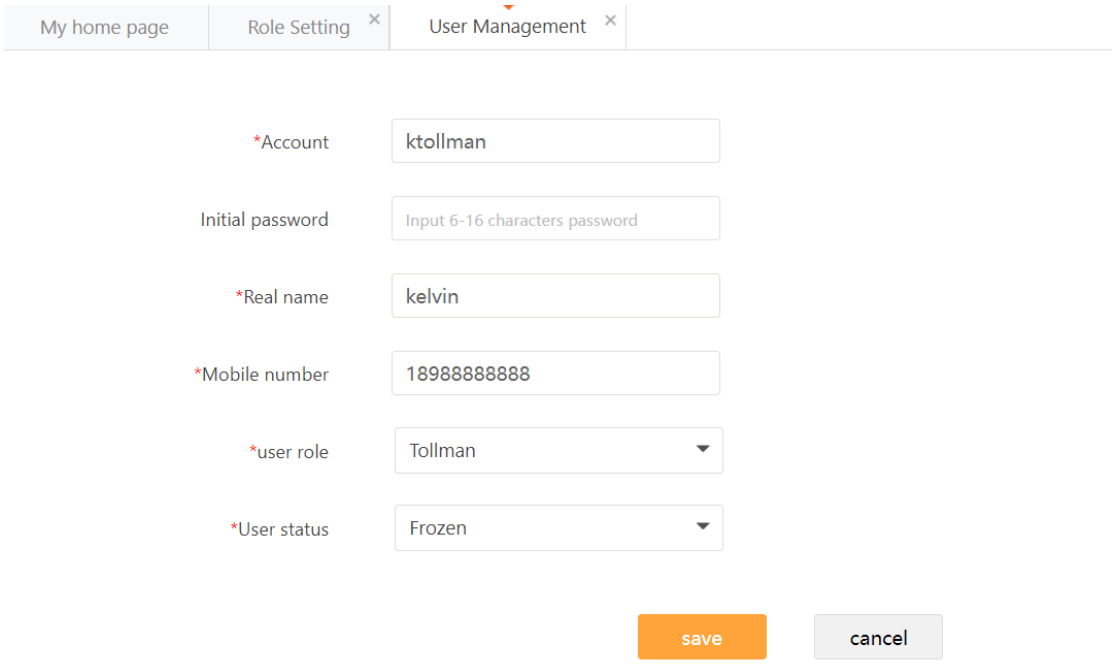
click【add users】button to add user。



edit

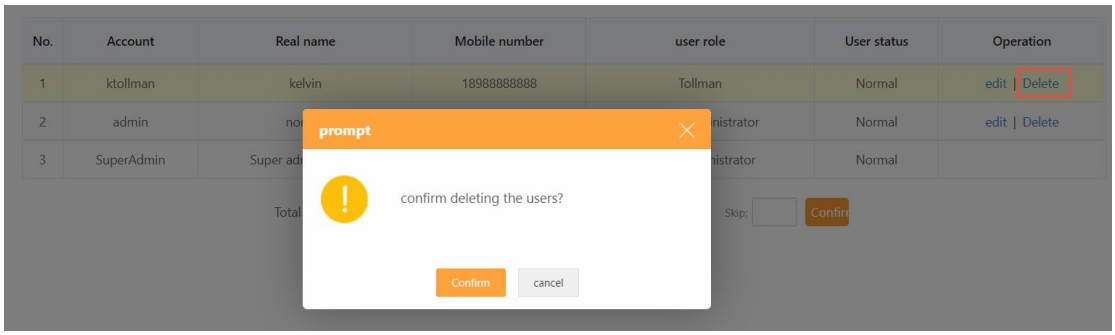
click【edit】,the user role and status can be modified, from normal to frozen, when frozen user login the system it will prompt, the user has been frozen.





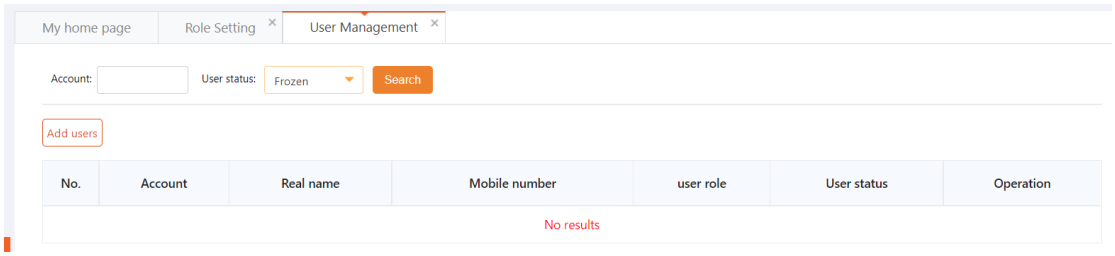
Delete

Delete the user before confirmed.



Search user

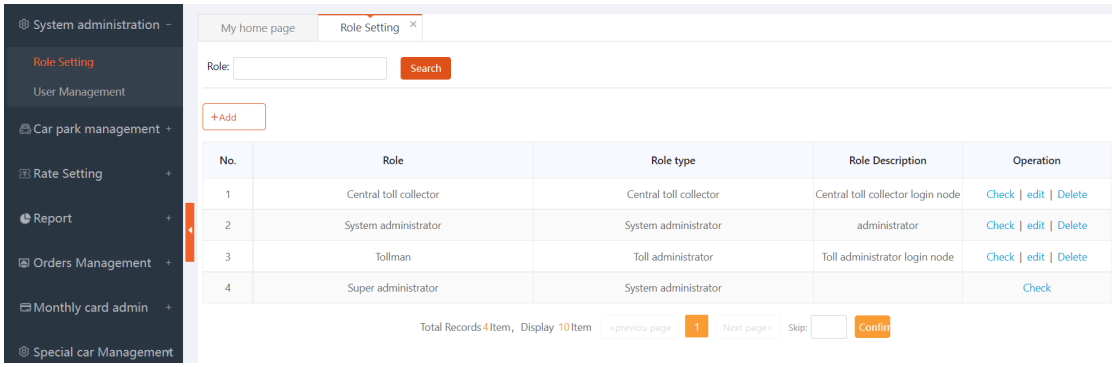
Input the user name or user status to search



1.3.2 Role setting

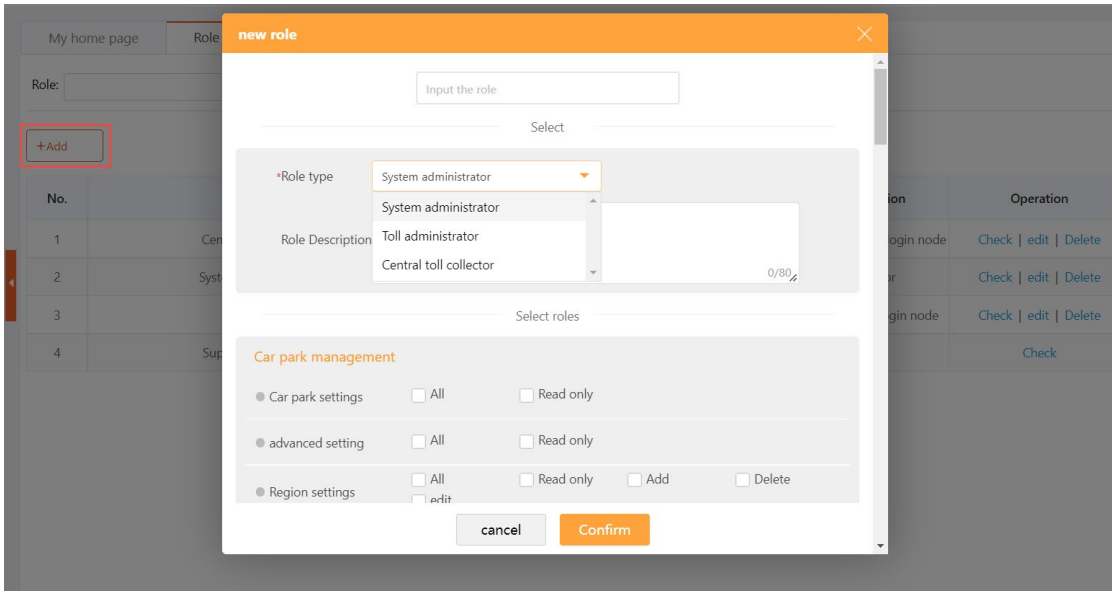
The main function of role management is to display all the roles in current system, each role has different menu and permission, and the role can be checked, edited and deleted.

Note: when the role is a tollman, who does not have the authority to log in to the local platform, and is only used as an account to log in to the local billing system.



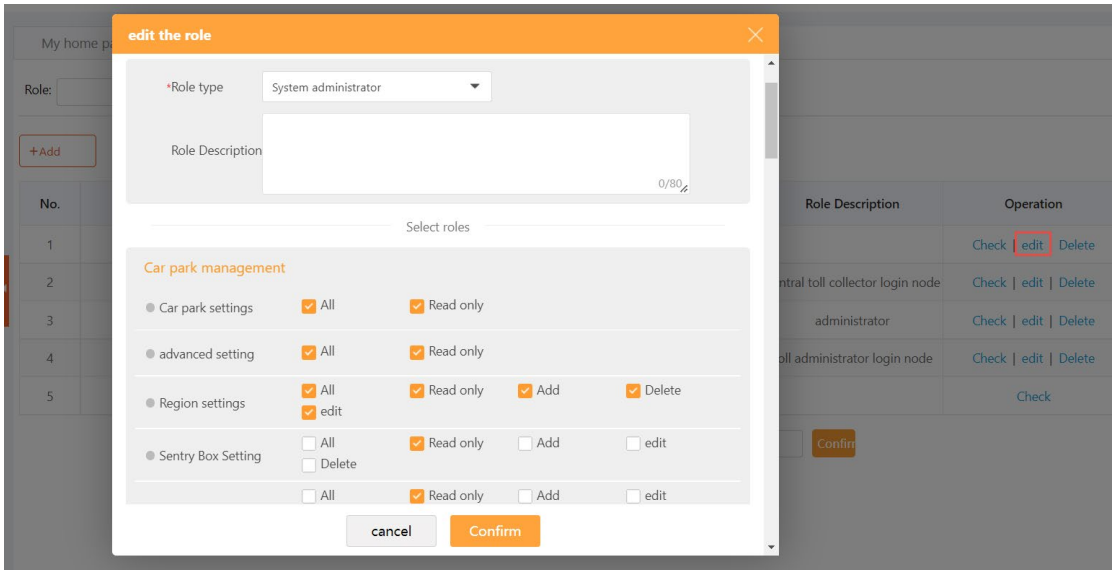
Add role

Click【add】button to add a role， each function module can be chosed



Edit

Edit the role to change the role permission



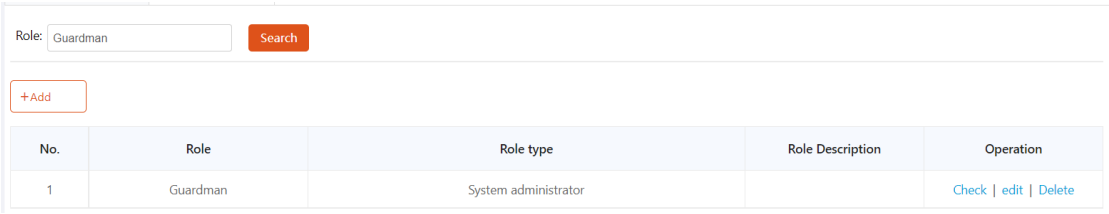
Check

Check the role detail.

No.	Role	Role type	Role Description	Operation
1	Guardman	System administrator		Check | edit | Delete
2	Central toll collector	Central toll collector	Central toll collector login node	Check | edit | Delete
3	System administrator	System administrator	administrator	Check | edit | Delete
4	Tollman	Toll administrator	Toll administrator login node	Check | edit | Delete
5	Super administrator	System administrator		Check

Search

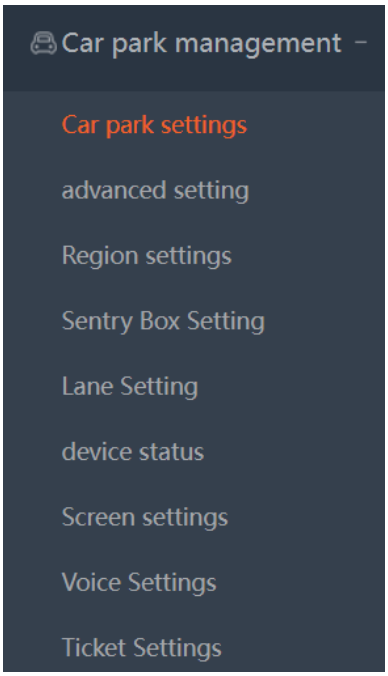
Search the role。



1.4Car park management

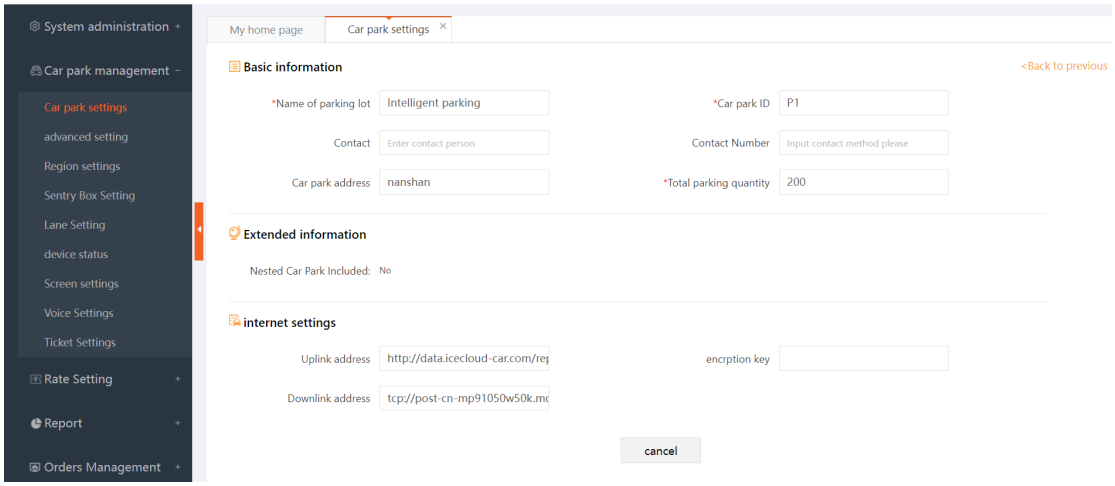
Car park management consists of 【car park setting】、【advanced setting】、【region setting】、【sentry box setting】、【lane setting】、【device setting】、【LED screen setting】、

【voice setting】、
【ticket setting】



1.4.1Car park setting

Add the parking lot information



Fill in the required information of the car park information, if the local car park needs to connect to the cloud platform, then the car park communication setting information configuration can refer to the cloud platform car park related parameters for configuration.

Check

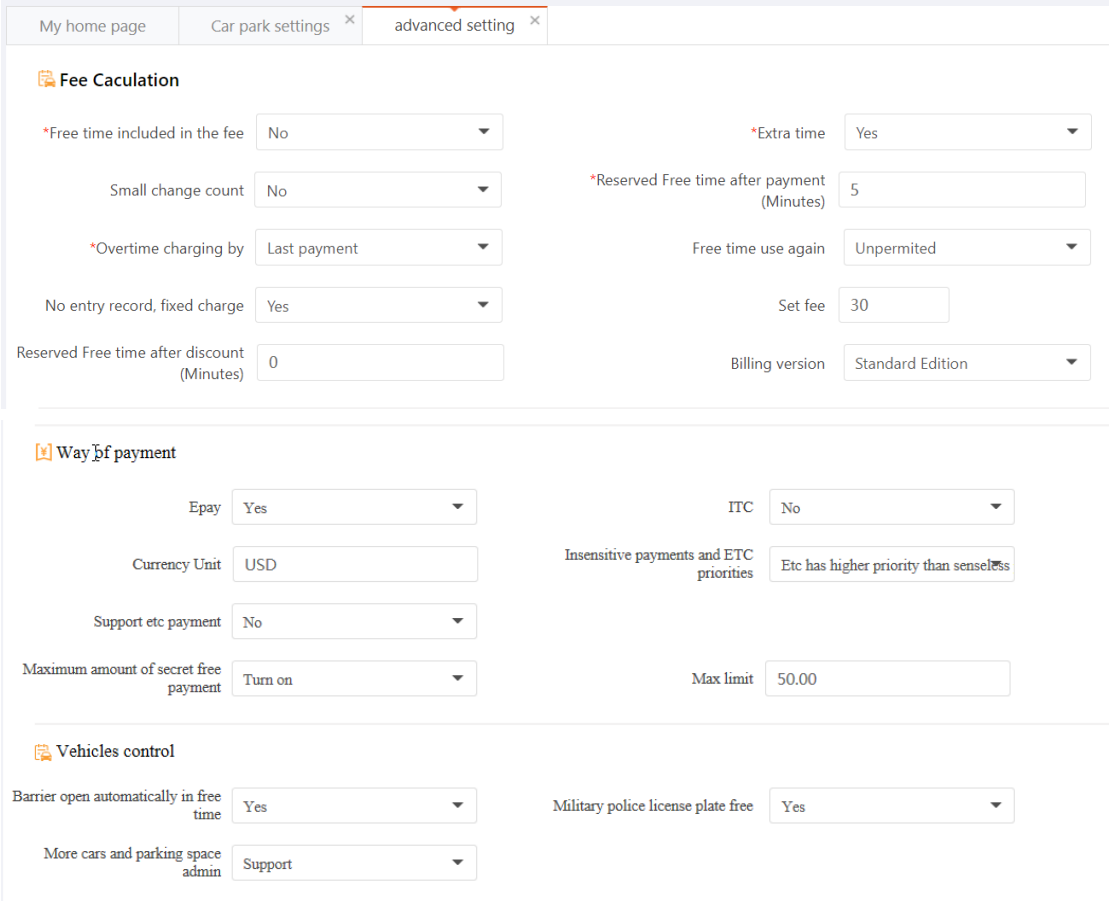
Check the parking information。

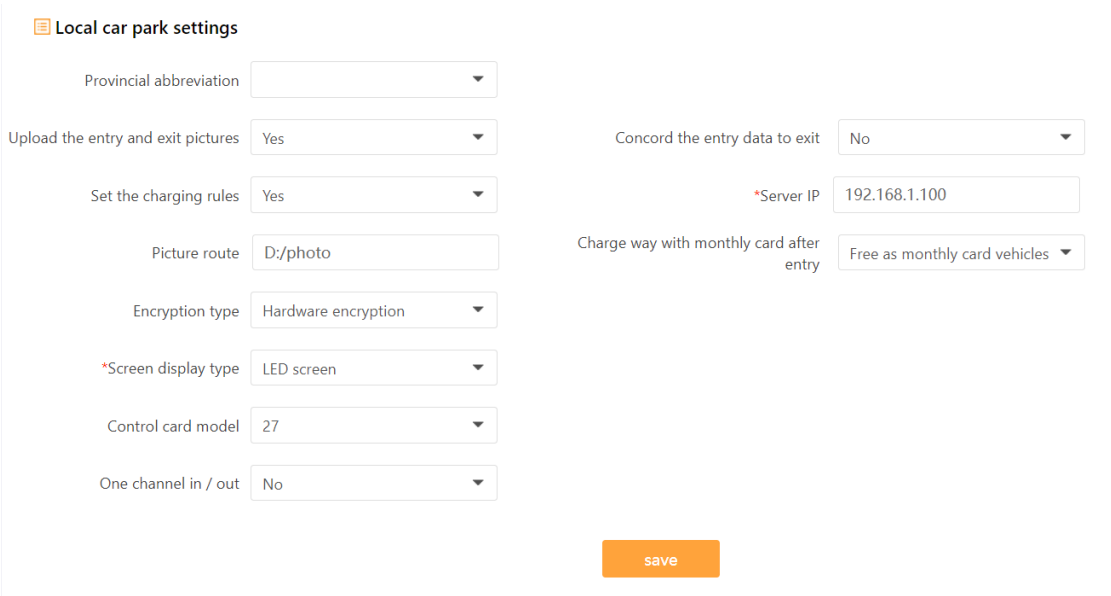
Edit

Edit and save the parking lot

1.4.2 Advanced setting

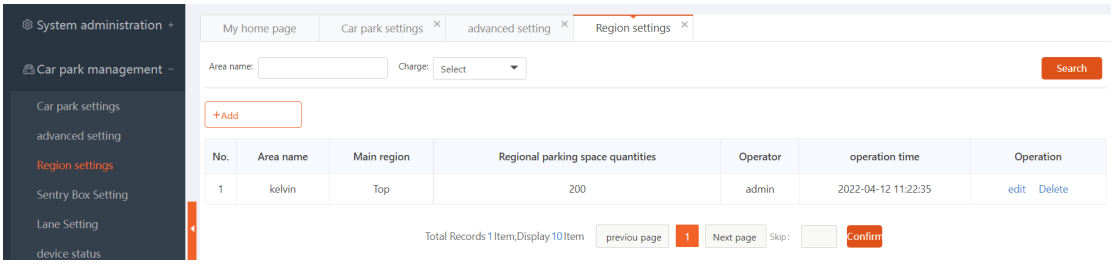
set the parking fee, payment method, vehicle control, and so on

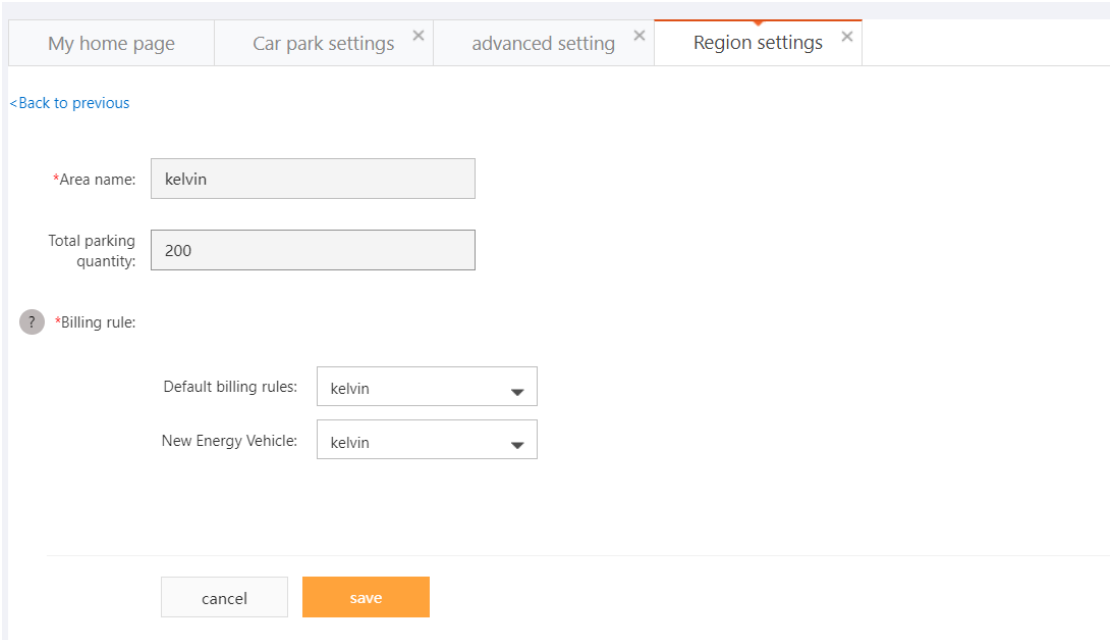




1.4.3Region setting

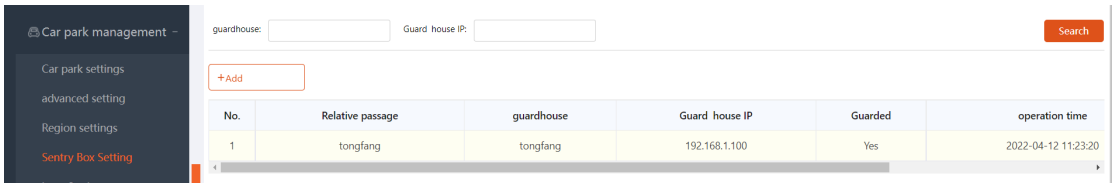
It needs to add the billing rules before adding the region 。

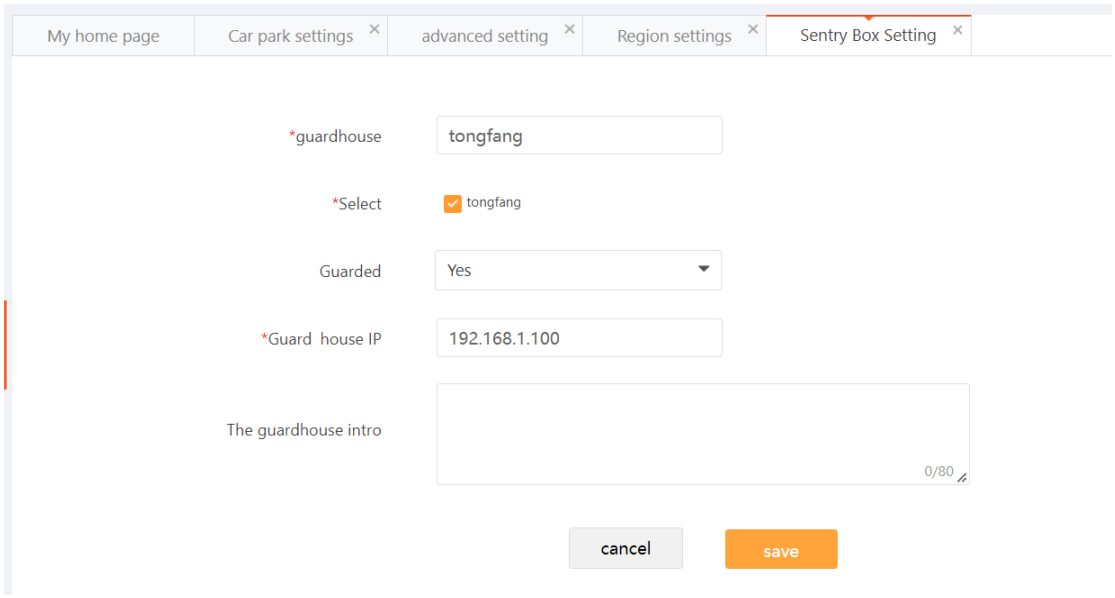




1.4.4 Sentry Box Setting

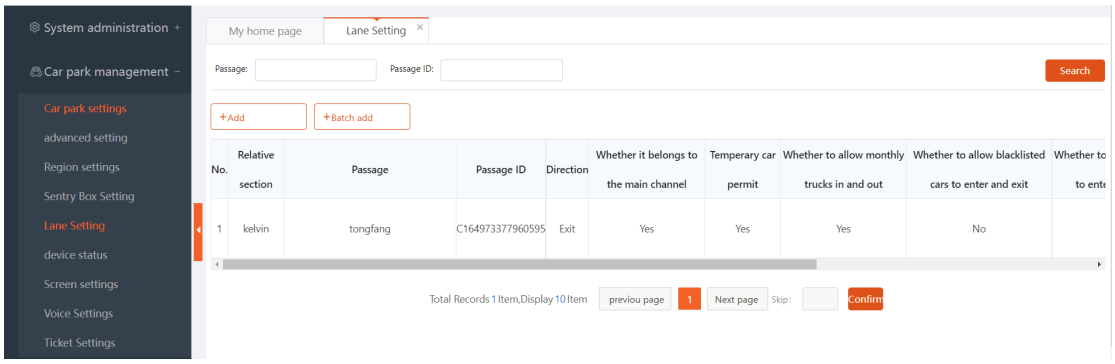
Add the sentry in the parking region





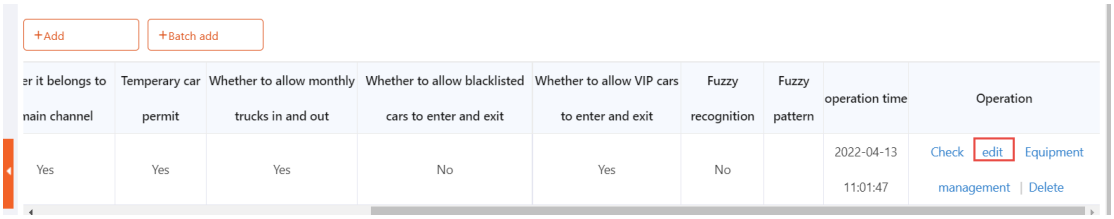
1.4.5 Lane setting

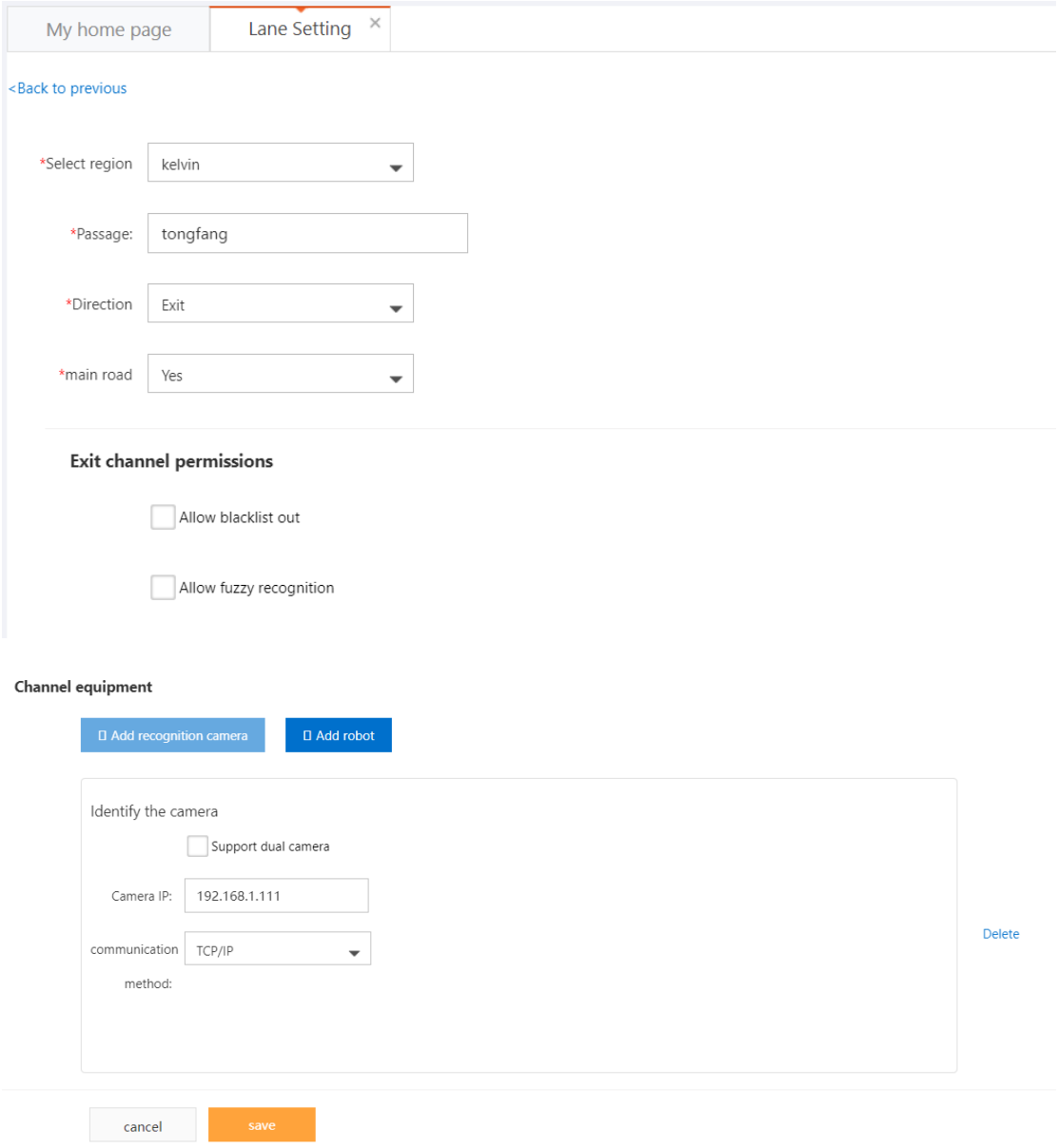
Add and edit the lane ,each lane has its corresponding camera



Edit

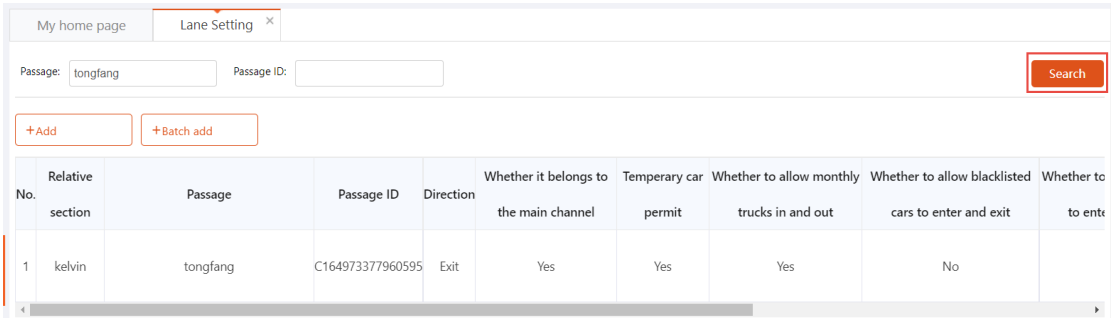
The selected lane can be modified, including permission, access type and equipment management.





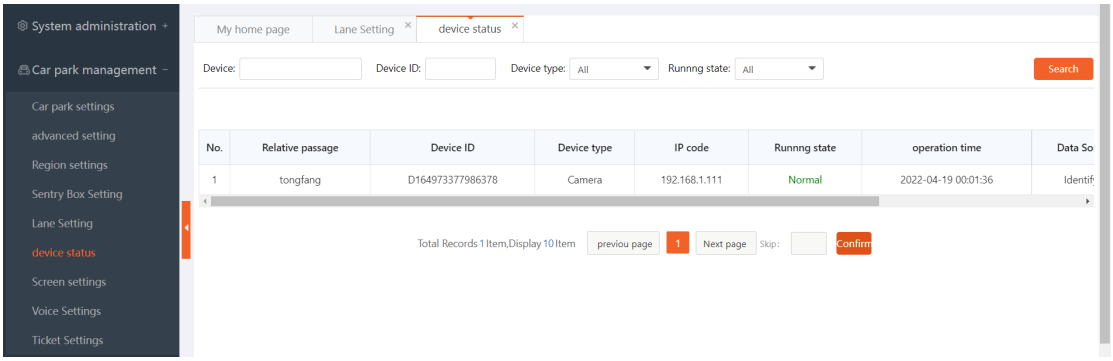
Query

Search the lane based on passage or passage ID



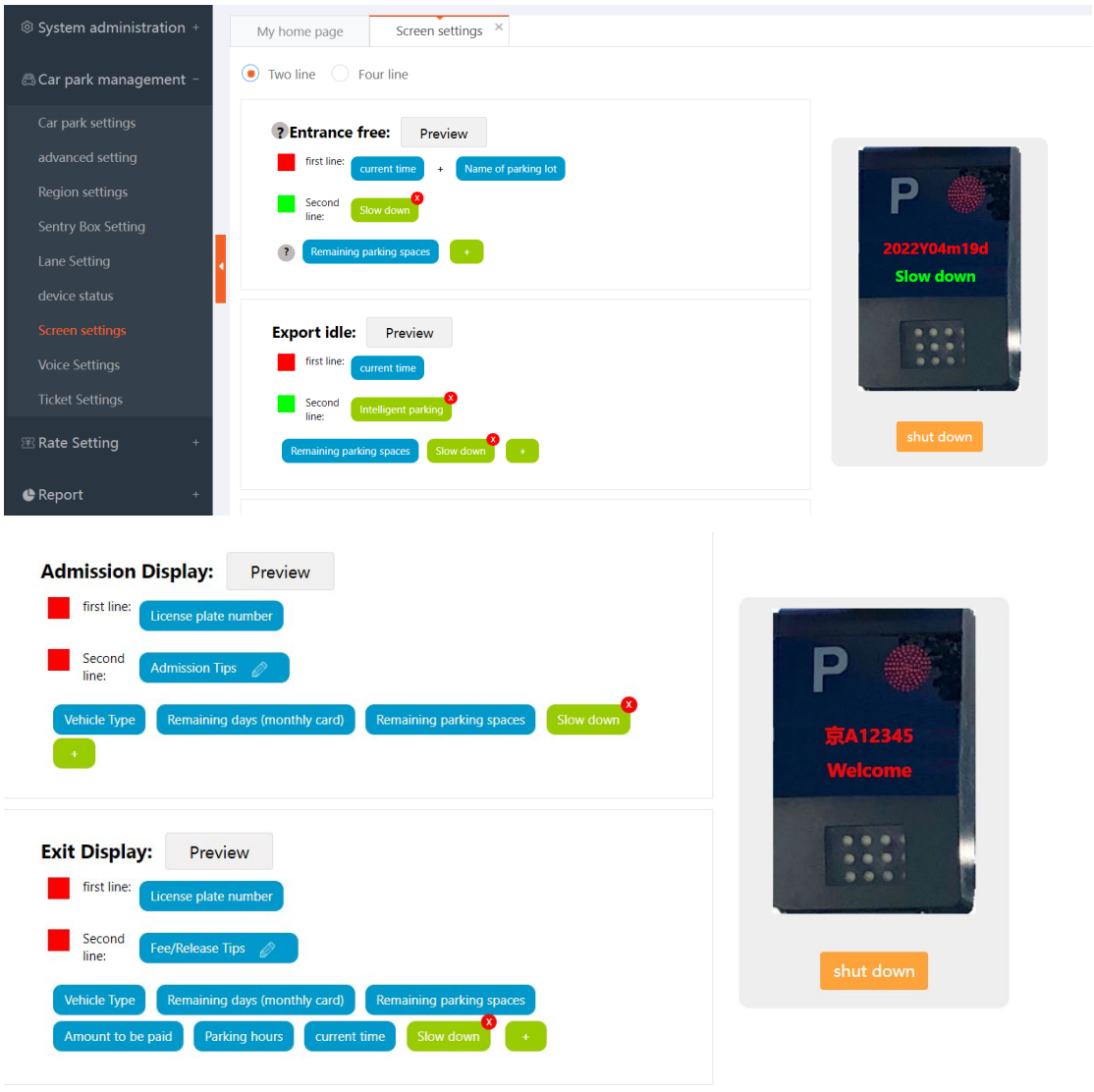
1.4.6Device Status

Check the camera status

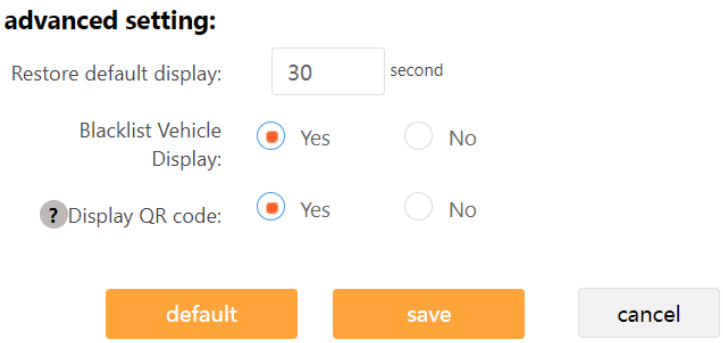


1.4.7 LED Screen setting

LED screen can show the information that configured , such as time ,parking name , valid spaces and so on



The message can be configured , and drag the message box to the correspond line ,and preview to check it .



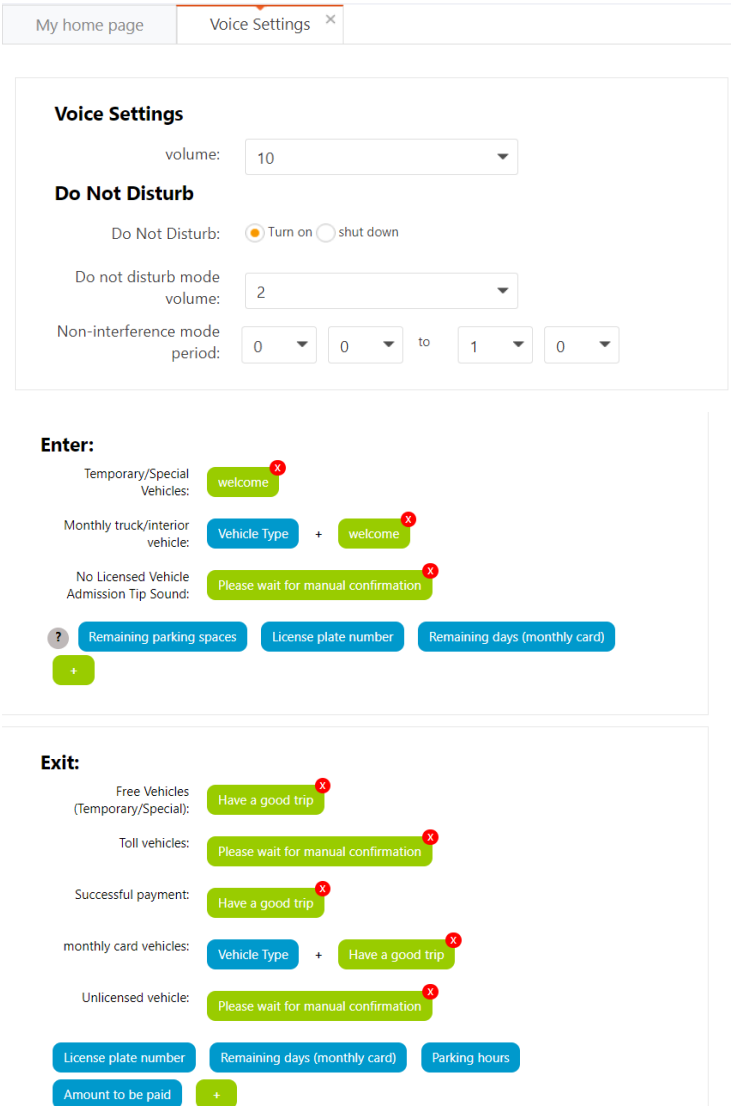
1.4.8 Voice setting

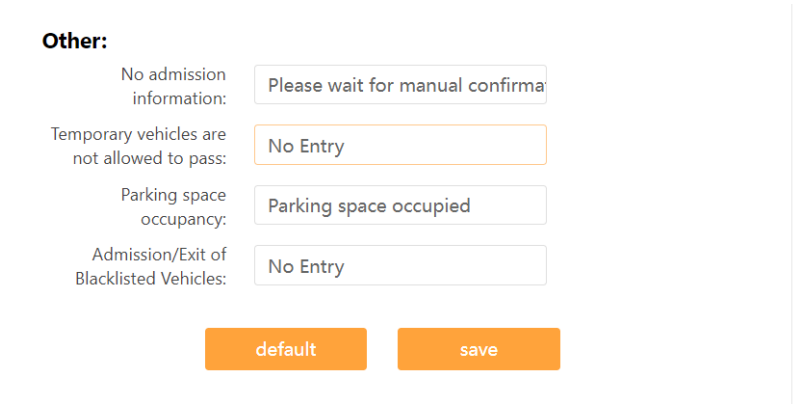
Voice setting is based on TTS function ：

1. Volume setting；

2. entrance voice setting；

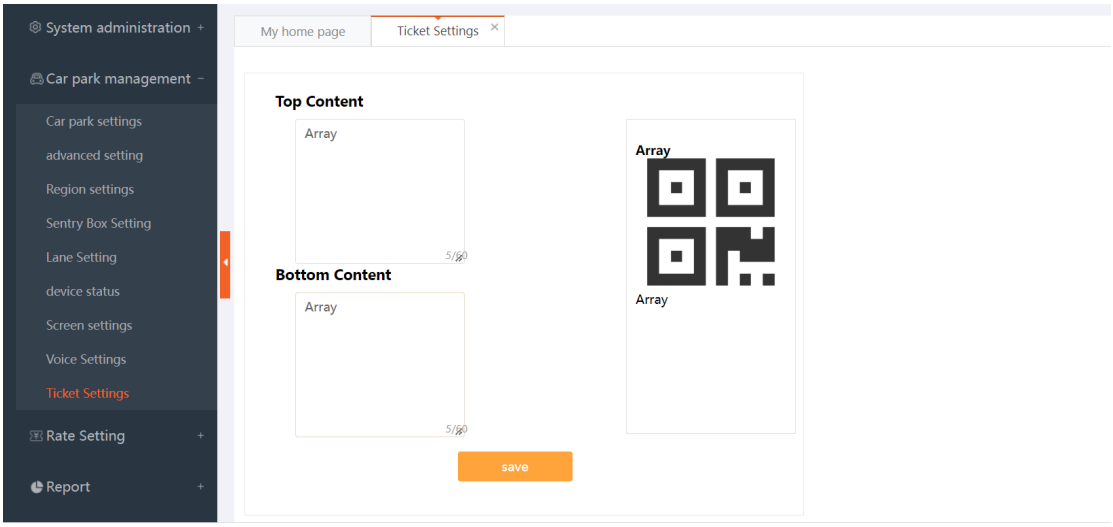
3. Other voice settings。





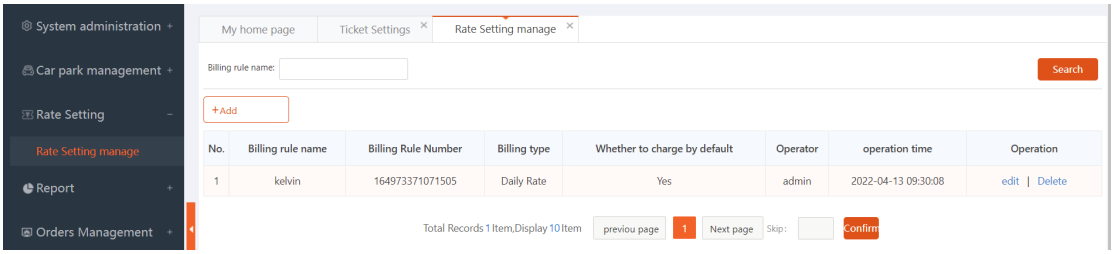
1.4.9 Ticket setting

The ticket setting is used to give the change, when someone pays cash.



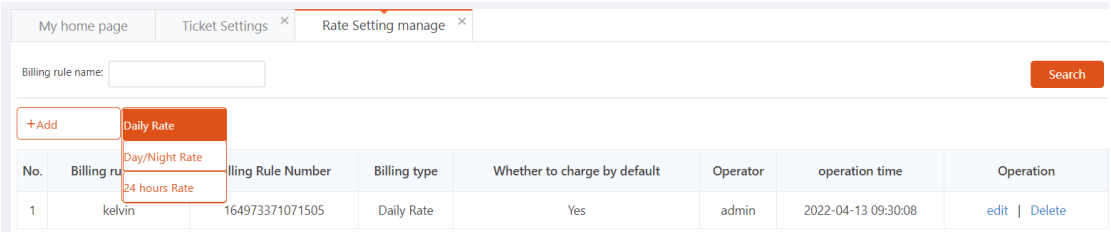
1.5 Rate setting

Rate setting is the regulation of parking fee



Add rate rule

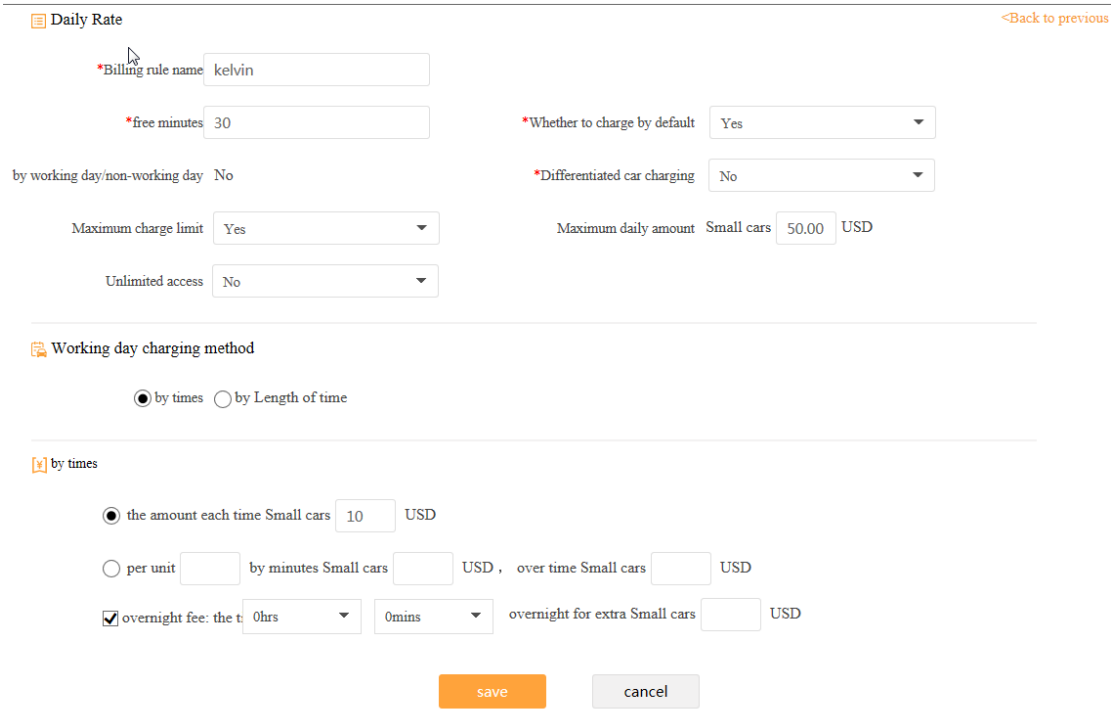
Daily rate ,Day/Night rate , and 24hours rate rules can be added .



Daily rate for example:

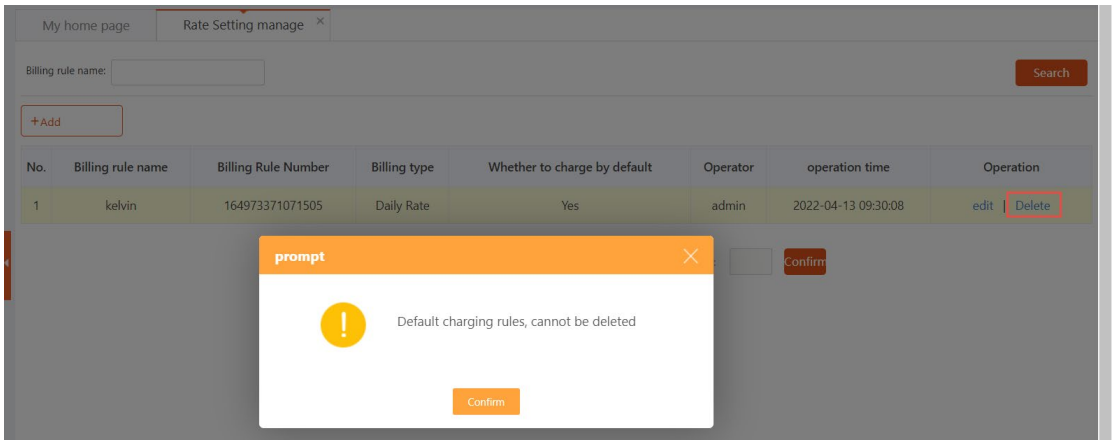
【by times】： charge the same fee each time, not base on the length

【by length of time】: based on the parking duration to charge.



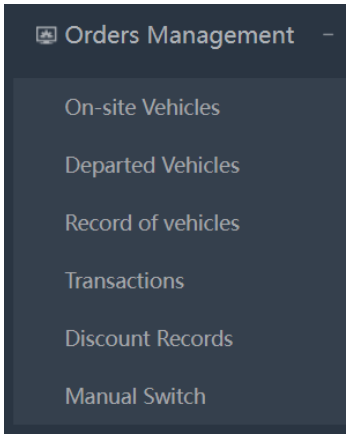
Delete

Delete the rate rule。



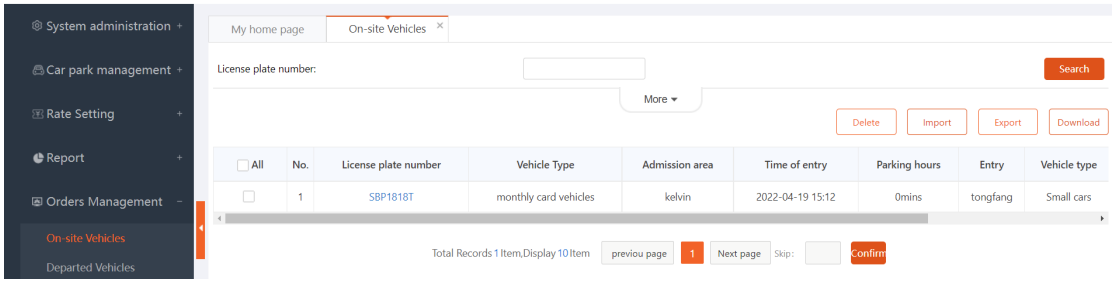
1.6 Orders Management

Consist of 【on-site Vehicles】, 【Departed Vehicles】, 【record of Vehicles】, 【Transactions】, 【Discount records】, 【Manual switch】。

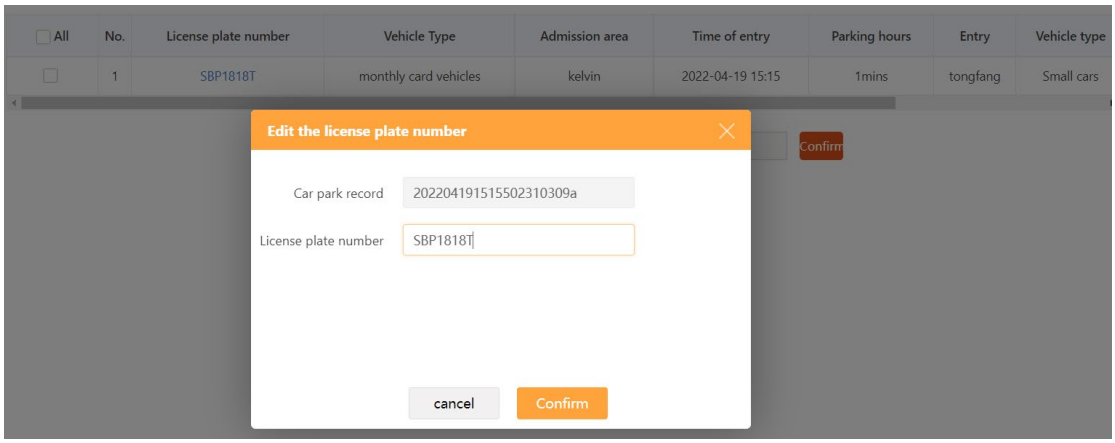


1.6.1On-site Vehicles

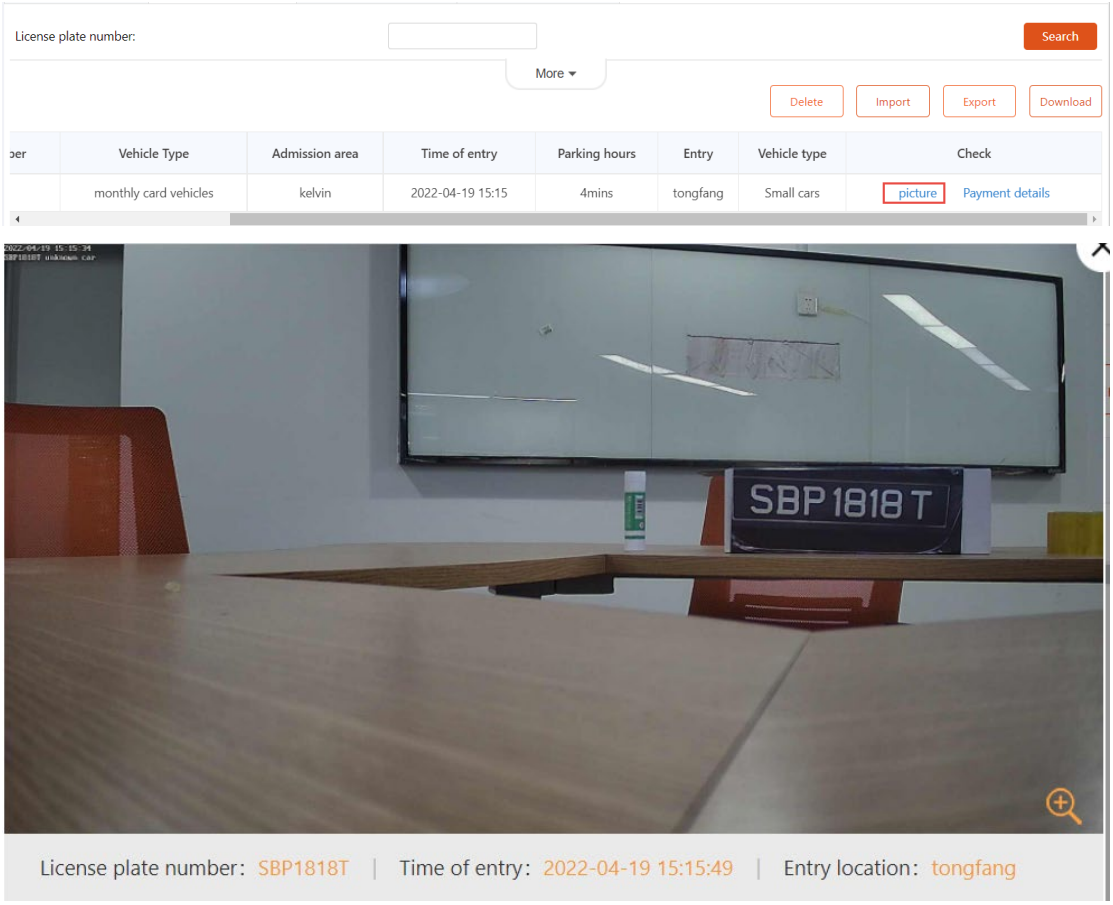
This module displays the current vehicle in parking lot, the platform only keeps the last presence record. Users can query and export the vehicles in the field, and click on the parking record number to view the vehicle payment details.



Click the license plate to get more info

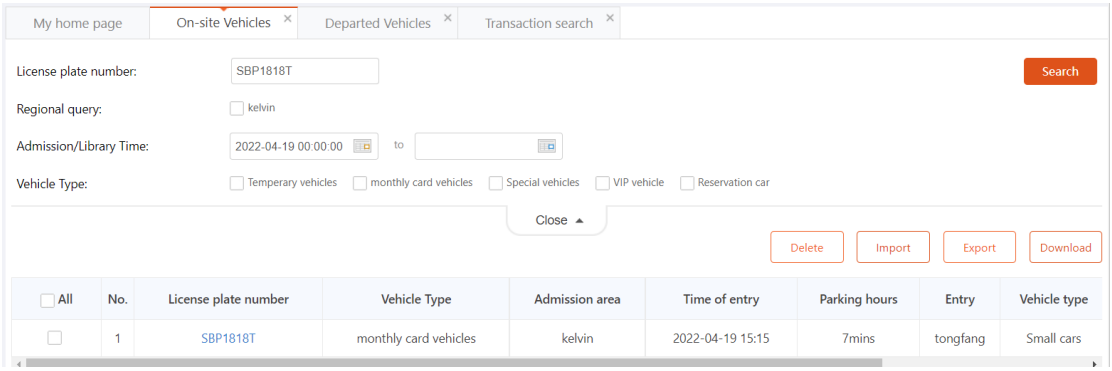


Click the 【picture】to check the entrance picture



Search

Click【more】to search the cars



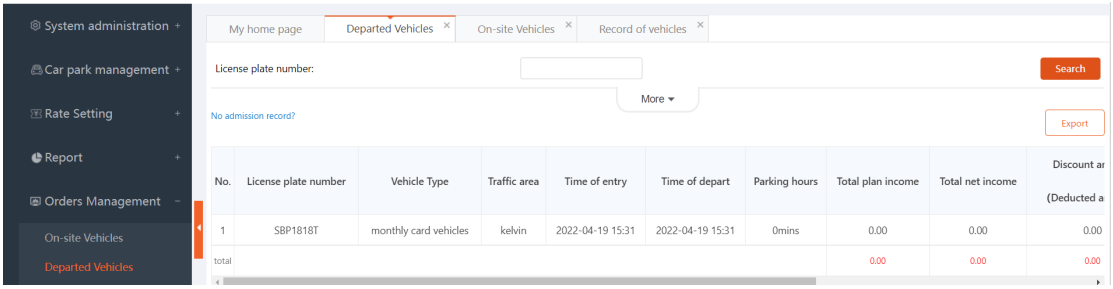
Export

Export the on-site cars data 。

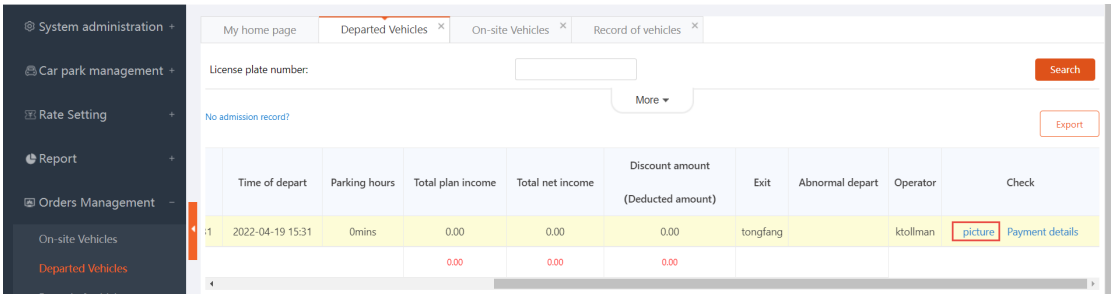
	A	B	C	D	E	F	G	H	I	J	K	L
		On-site Vehicles	export of time:	2022-04-19 15:25:15								
No.		Car park record	License plate r	Vehicle Type	Admission are	Time of entry	Parking ho	Entry	Vehicle type	Parking lot entry time		
1		20220419151550231030 9a	SBP1818T	monthly card vehicles	kelvin	2022/4/19 15:15	9mins	tongfang	Small cars			

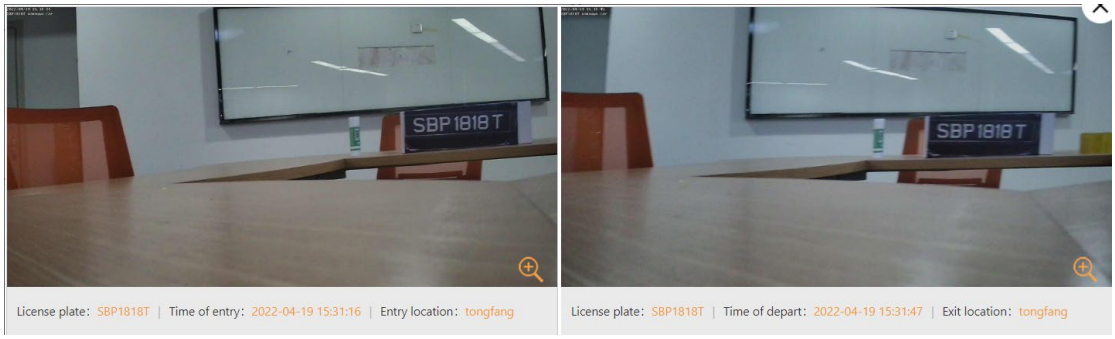
1.6.2 Departed Vehicles

This module shows the departed cars, it can query and export the data



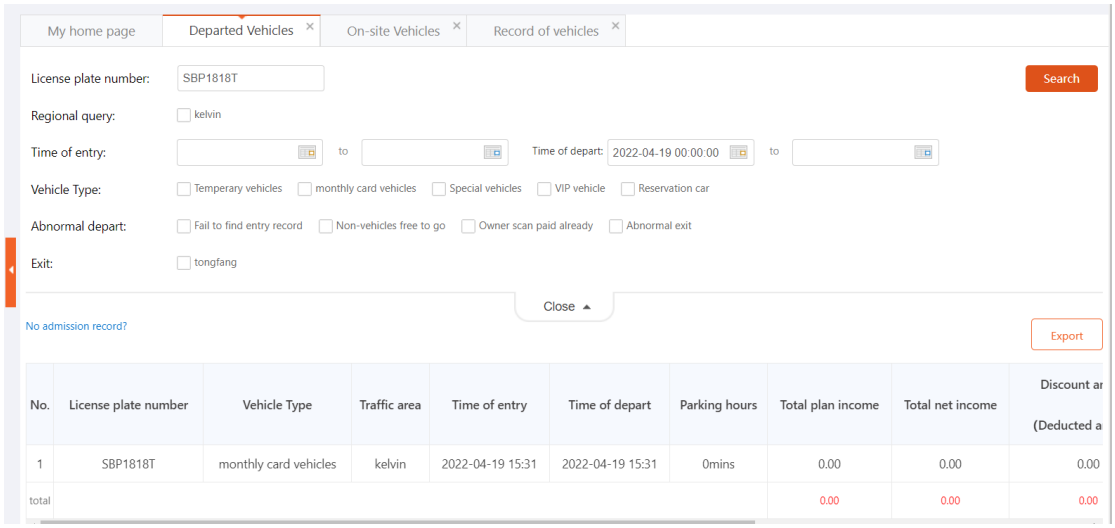
Click 【picture】button to check the exit info。



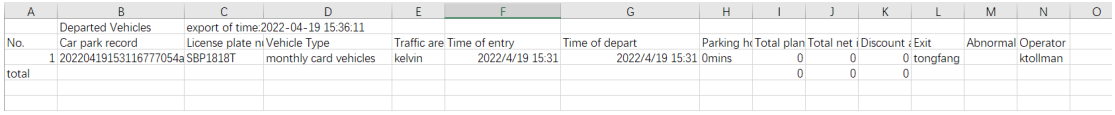


Search

Click【more】button to query the cars that meets the conditions。



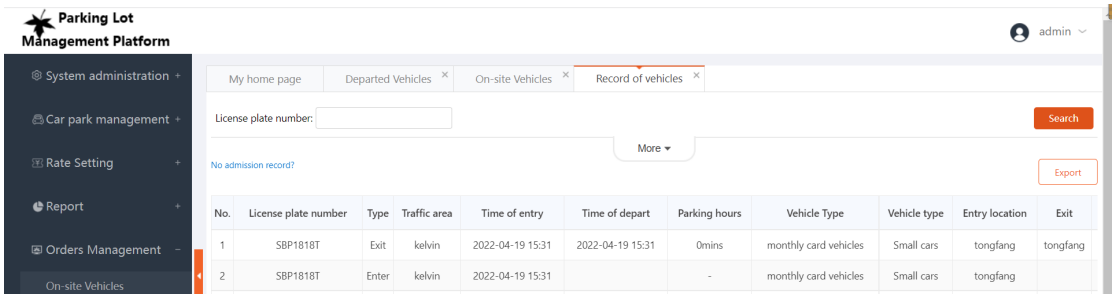
Export



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
		Departed Vehicles	export of time:	2022-04-19 15:36:11											
	No.	Car park record	License plate nı	Vehicle Type	Traffic are	Time of entry	Time of depart	Parking hı	Total plan	Total net i	Discount a	Exit	Abnormal	Operator	
	1	2022041915311677705 4a	SBP1818T	monthly card vehicles	kelvin	2022/4/19 15:31	2022/4/19 15:31	0mins	0	0	0	tongfang		ktollman	
	total								0	0	0				

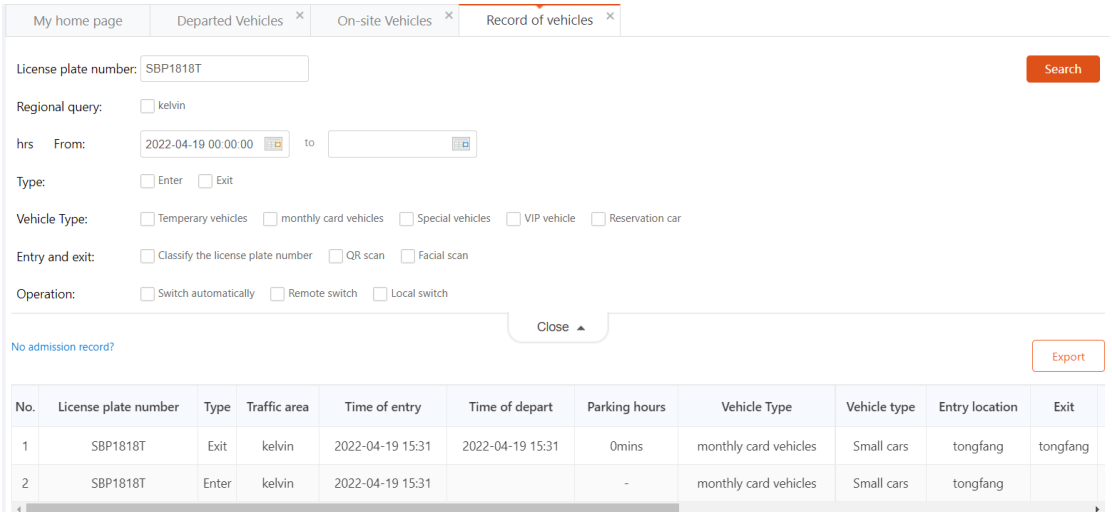
1.6.3 Records of Vehicles

Shows all the enter and exit car records。



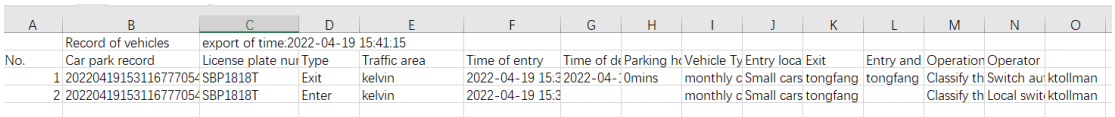
Search

Click【more】button to query the cars that meets the conditions。



export

export the data。



1.6.4 Transactions

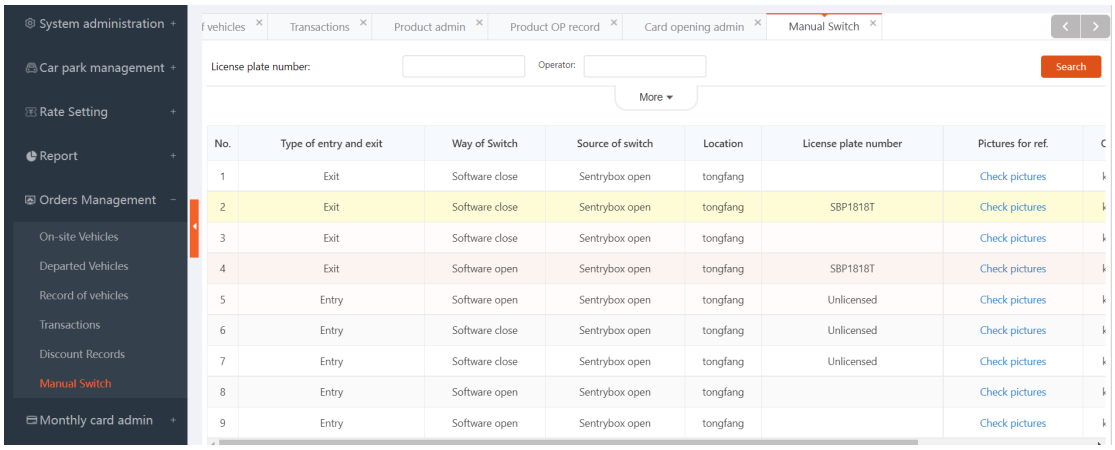
Show the transactions in this part。

1.6.5 Discount Records

Show the cars that have discount

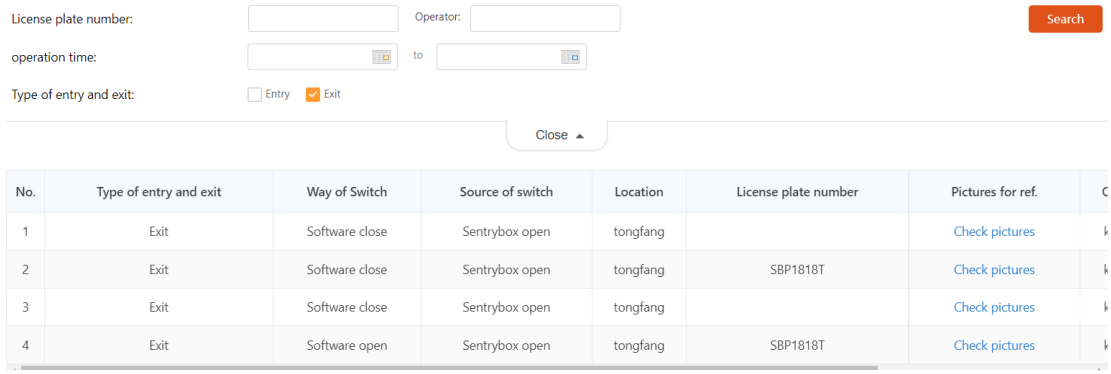
1.6.6 Manual Switch

Record the manual opening



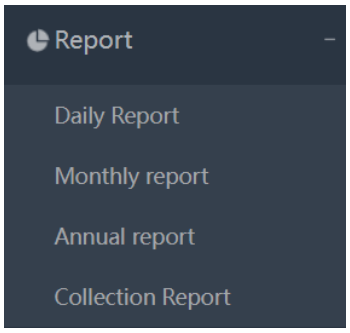
Search

Search to get the corresponding opening record



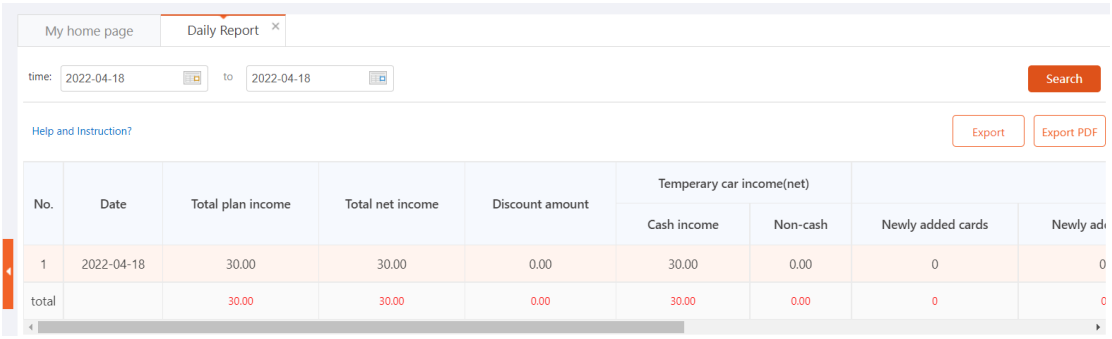
1.7 Report

Consist of 【Daily report】, 【monthly report】, 【annual report】, 【collector report】

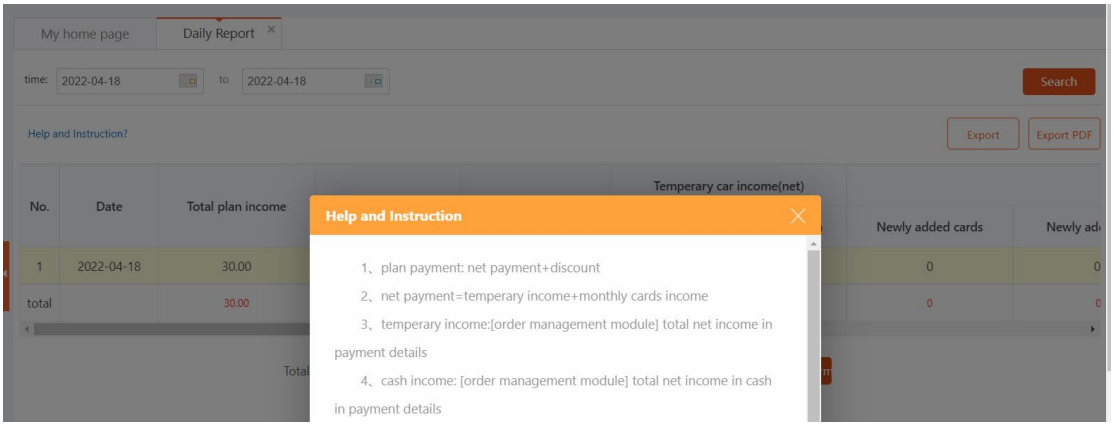


1.7.1Daily report

A default summary of the previous day's charges from 0:00 to 23:59:59; generates the corresponding pre-processed report data for the previous day.

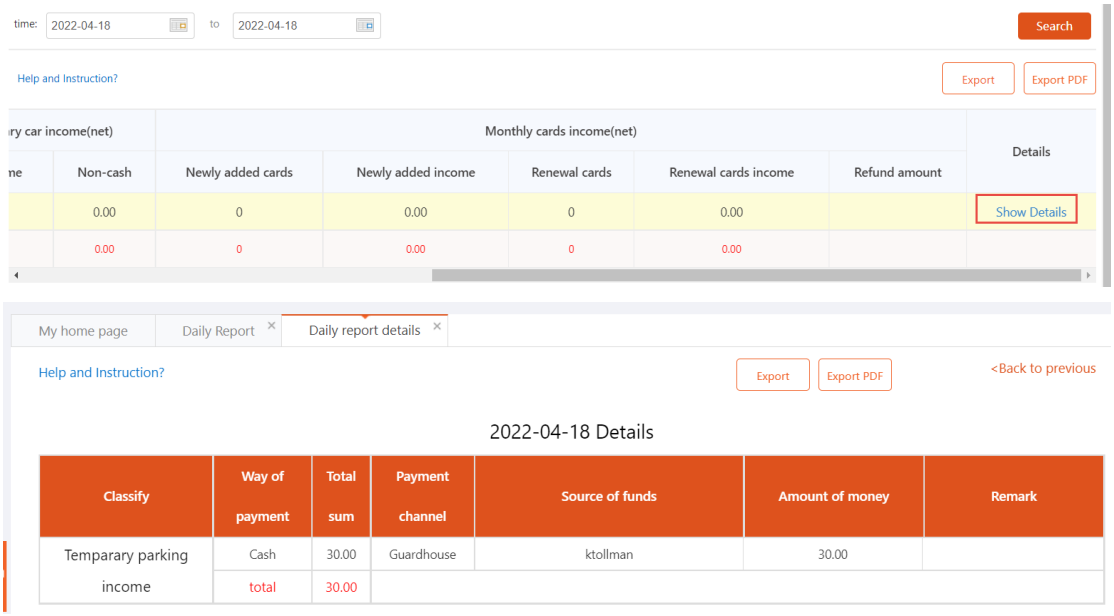


【help and instruction】



Details

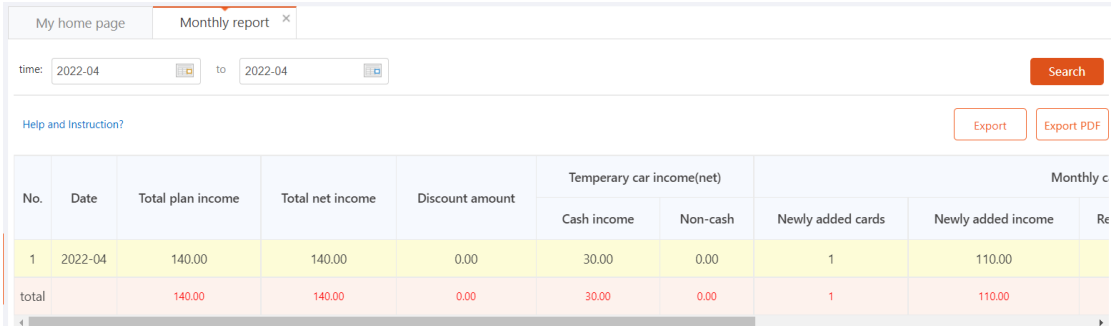
Click 【show details】



Click 【export】to get PDF or xls format file。

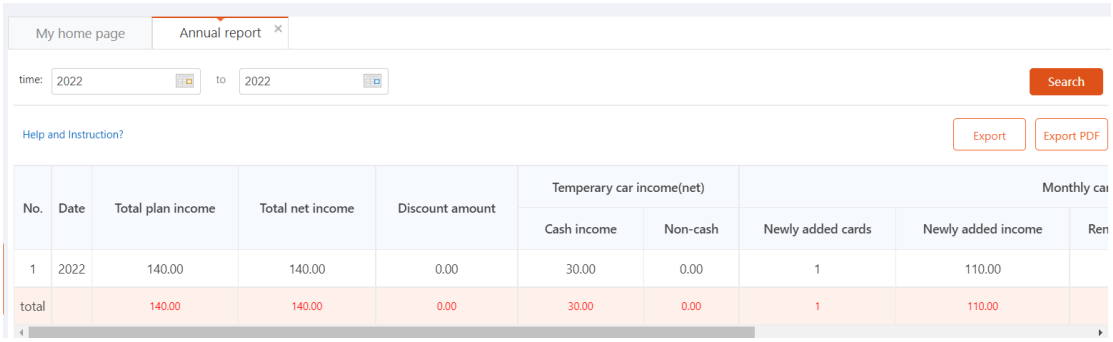
1.7.2Monthly report

a summary of the current month's revenue, but not include the current day's data



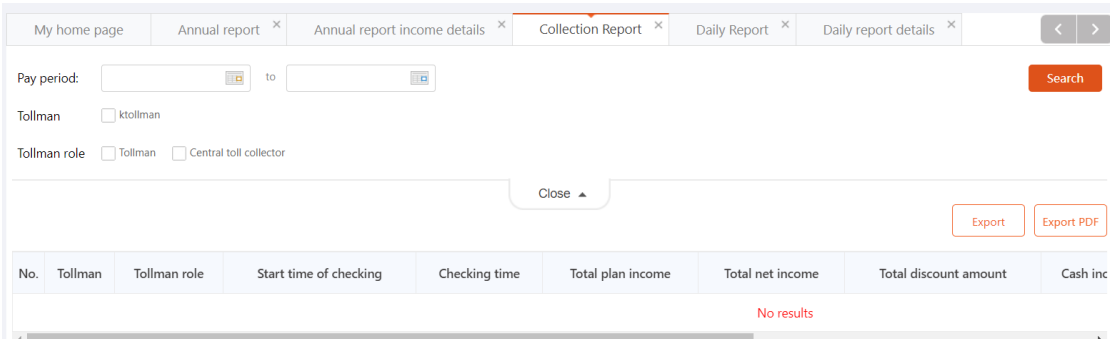
1.7.3Annual report

a summary of the current year's revenue, but not include the current day's data



1.7.4Collector report

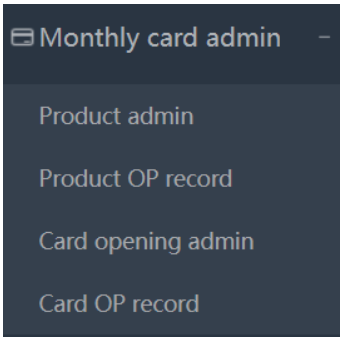
show the collector's report。



1.8 Monthly card

Monthly card management consists of 【product admin】, 【product OP record】, 【card opening admin】, 【card OP record】,

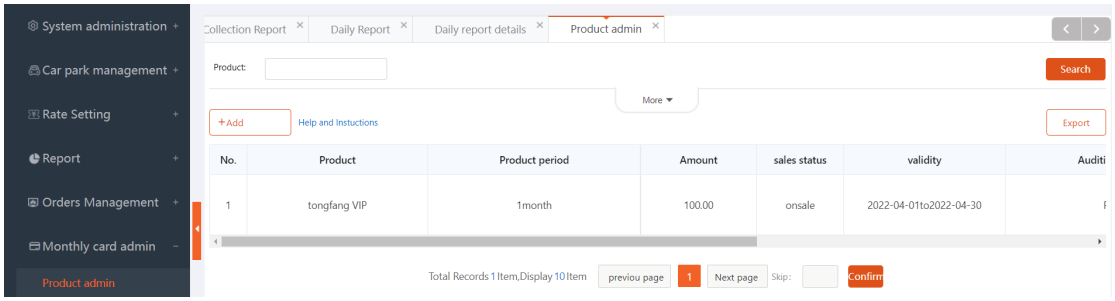
Monthly card adding process: Add monthly card → audit → Open card



1.8.1 Product admin

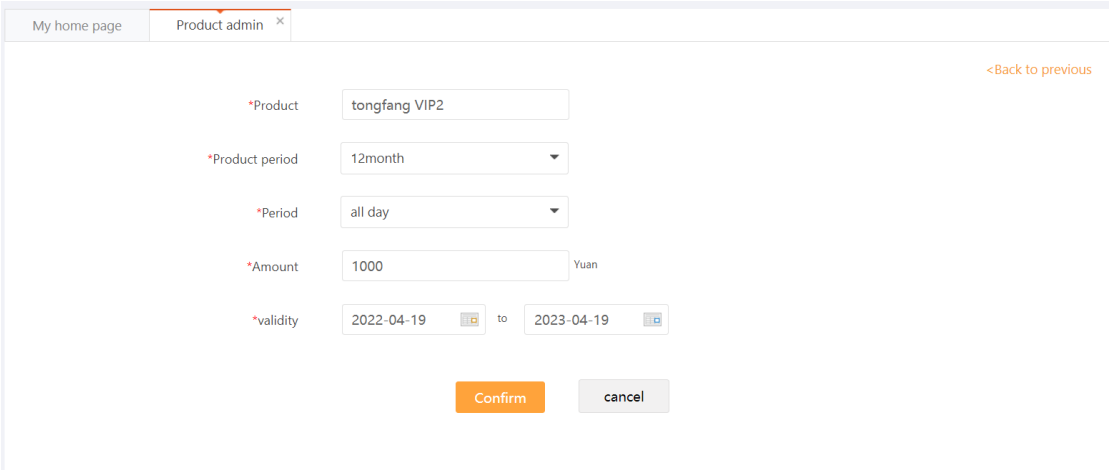
the monthly card products for sale, such as 1 monthly card, quarterly card, annual

card, etc., it needs to
define the expiration date of the product sold, and the relevant person review this monthly card product. After the audit is passed, the corresponding monthly card products will be on sale,



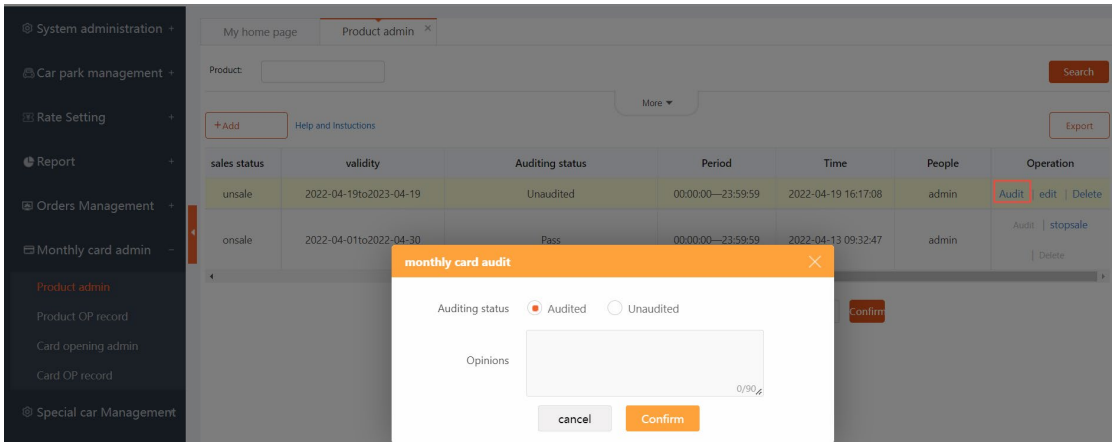
Add

Click【add】, the product can be customized, choose 1-12 months for this card. the time period, currently only supports all day.

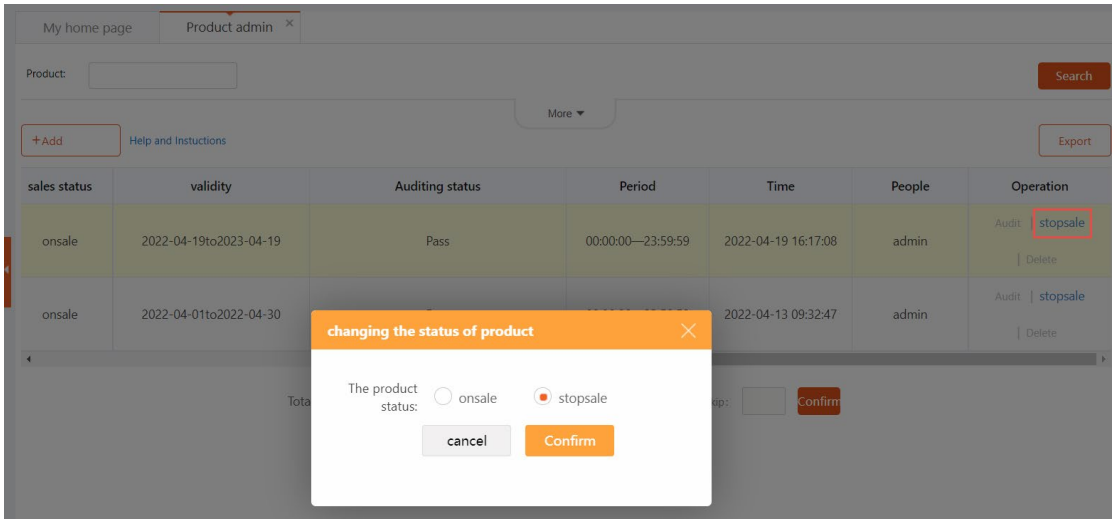


Audit/stopsale/edit/delete

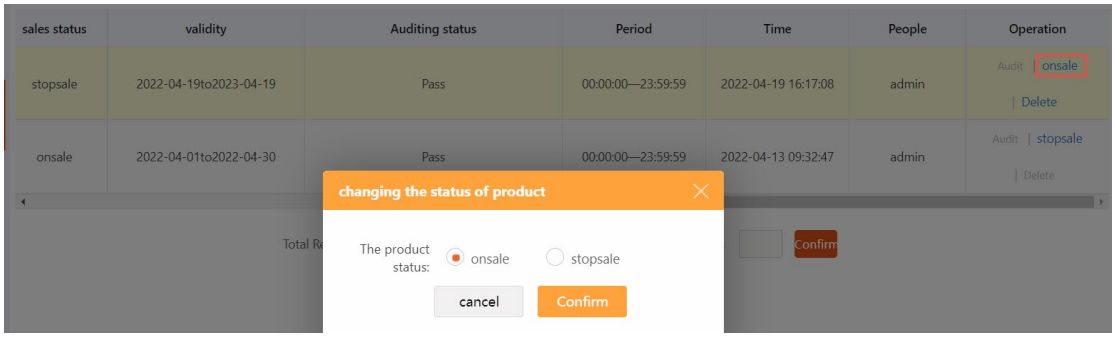
Click the 【audit】button to review the monthly card product.



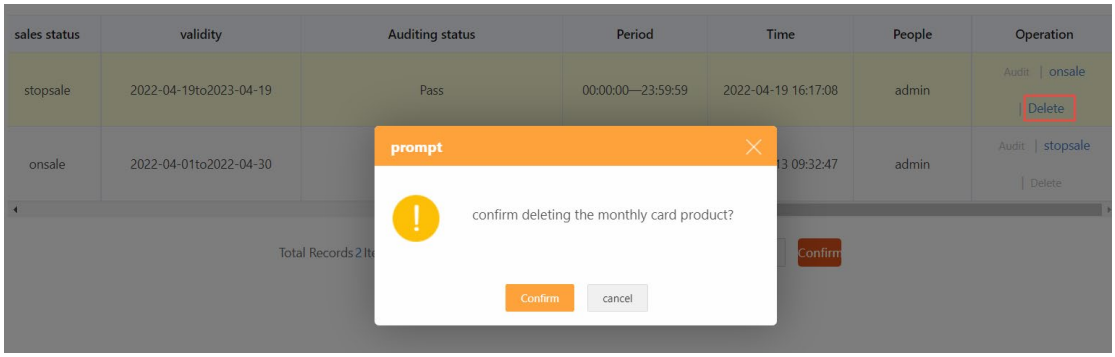
Click 【stopsale】to stop this product



It also can click 【onsale】to open the sale



Click the【Delete】button to cancel this product ， it needs to stop the sale first

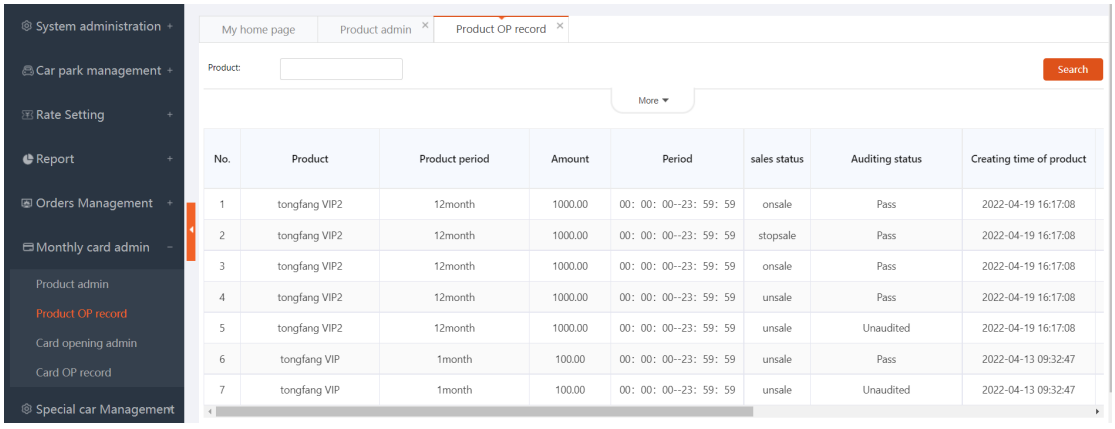


Export

	A	B	C	D	E	F	G	H	I	J
		Monthly card prc	export of time:2022-04-19 16:28:31							
	No	Product	Product am	Product price	Status of proc	Validity	Auditing s	Suitable period	Time	People
	1	tongfang VIP2	12	1000	stopsale	2022-04-19to2023-04	Pass	00: 00: 00--23: 59:	2022/4/19 16:17	admin
	2	tongfang VIP	1	100	onsale	2022-04-01to2022-04	Pass	00: 00: 00--23: 59:	2022/4/13 9:32	admin

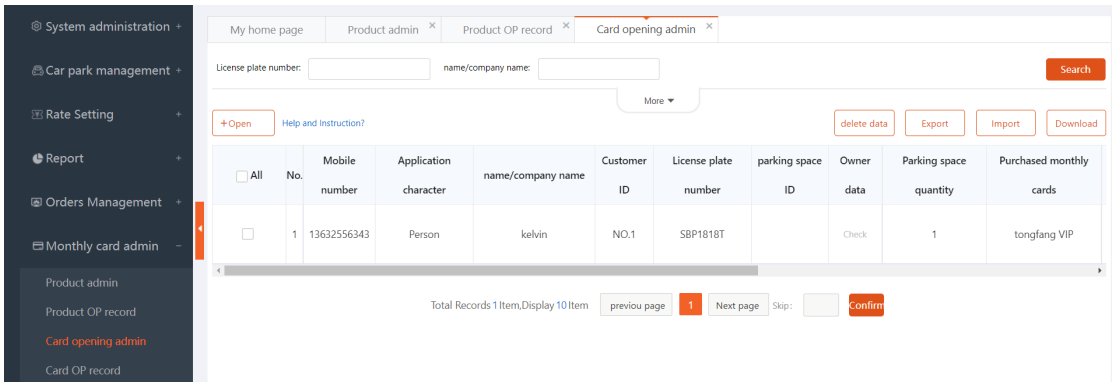
1.8.2 Product OP record

Record the card operation



1.8.3 Card opening admin

Monthly card opening can support one car per person, multiple cars per person, multiple cars per person, and pay for renewals and refunds.



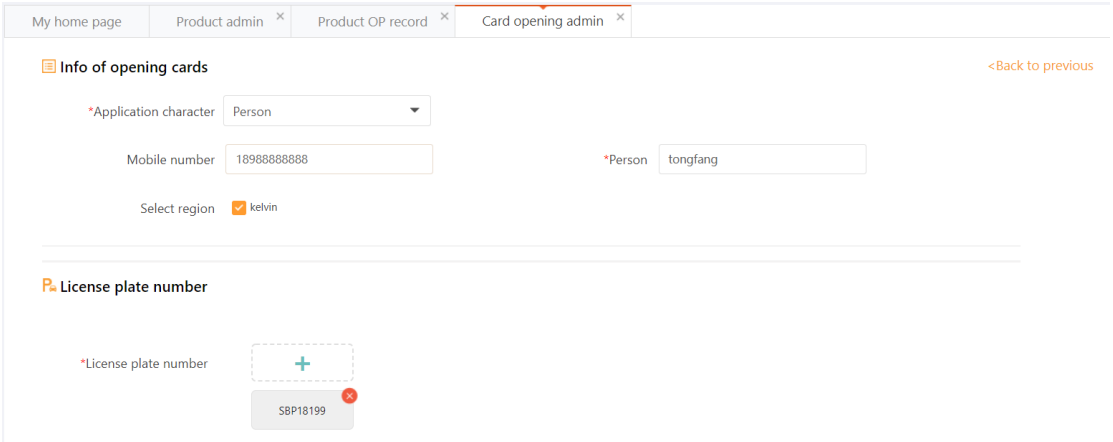
Note：card status

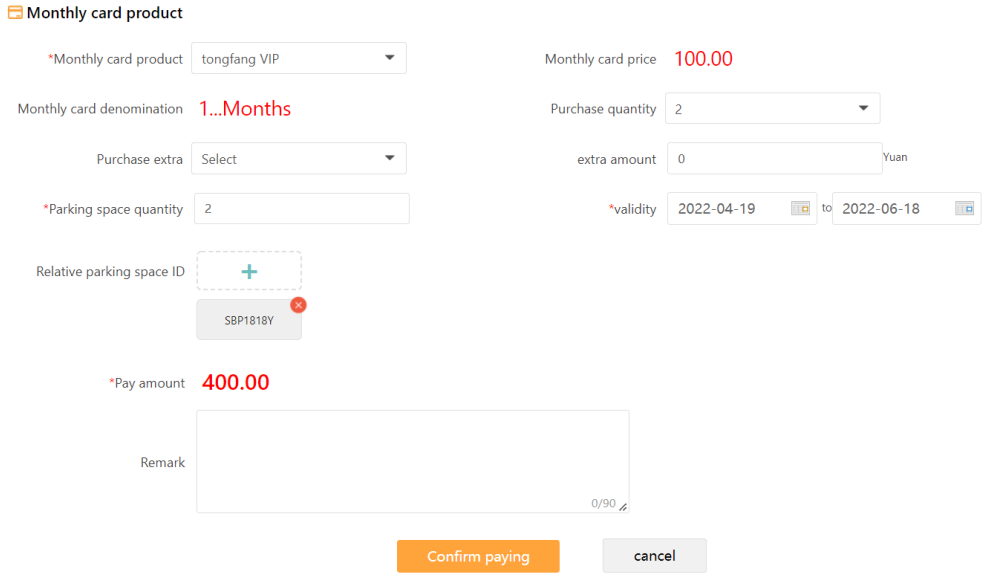
in effect	the monthly cards in use
expired:	cards expired, will be charged as temporary parking, will be in effect after renewal.
pending effect	users applied the card in advance, valid date not arrived yet, for example, the application date is 11/8/2017, the validity date is 1/9/2017 which means the cards will be in effect until 1st of September
refund	the cards expired and obsolete, the refund money will be operated offline, card can't be renewed, refunded, or edited
frozen	the cards cannot be used, only could be used after defrosted

Open

Click【open】to get a monthly card

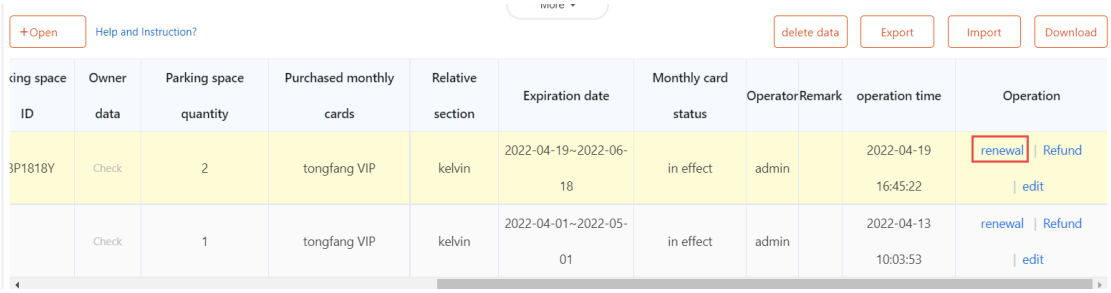
Notes： Only one monthly card can be issued for the same license plate number in the same lot and for the same time period.





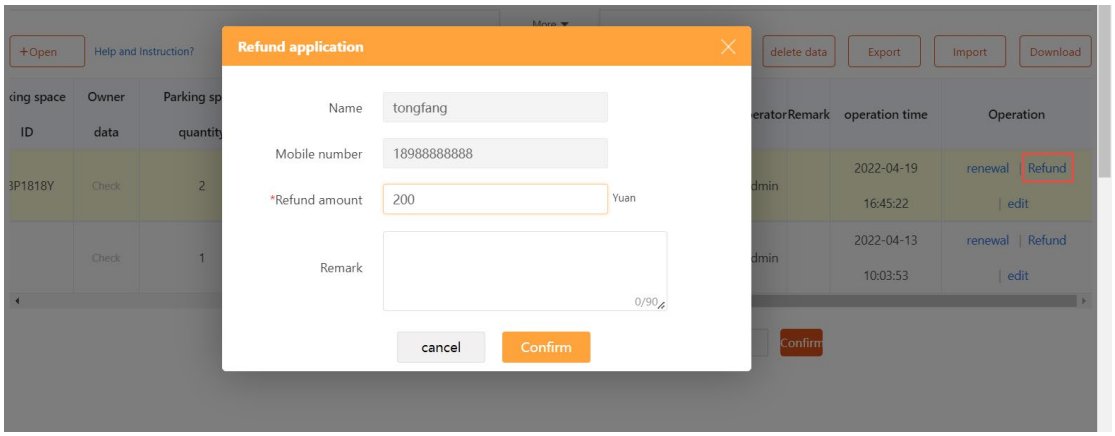
Renewal

click 【Renewal】



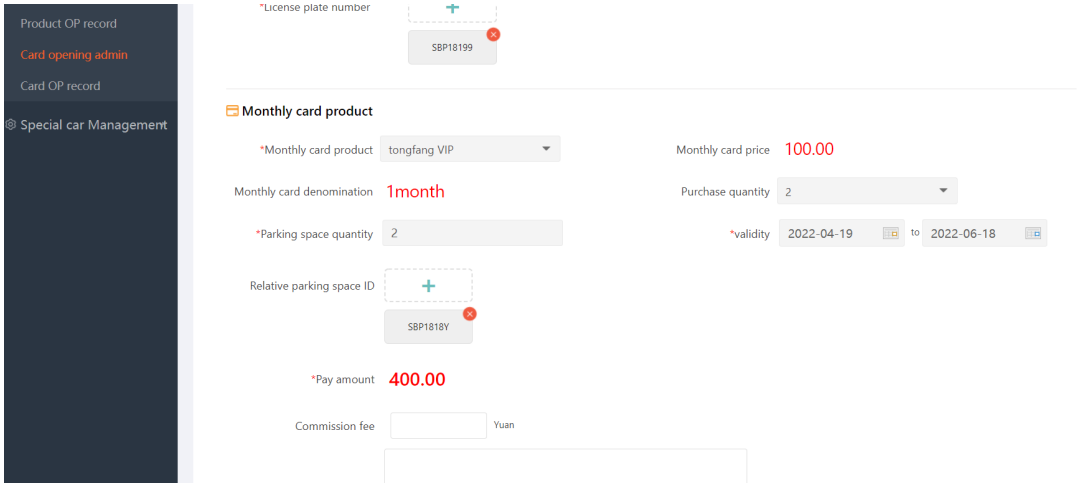
When the renewal time period is not consecutive with the time period in the opening record, a new card will be automatically generated, and when changing the parking space and changing the product type, it will be regarded as a new card.

Refund



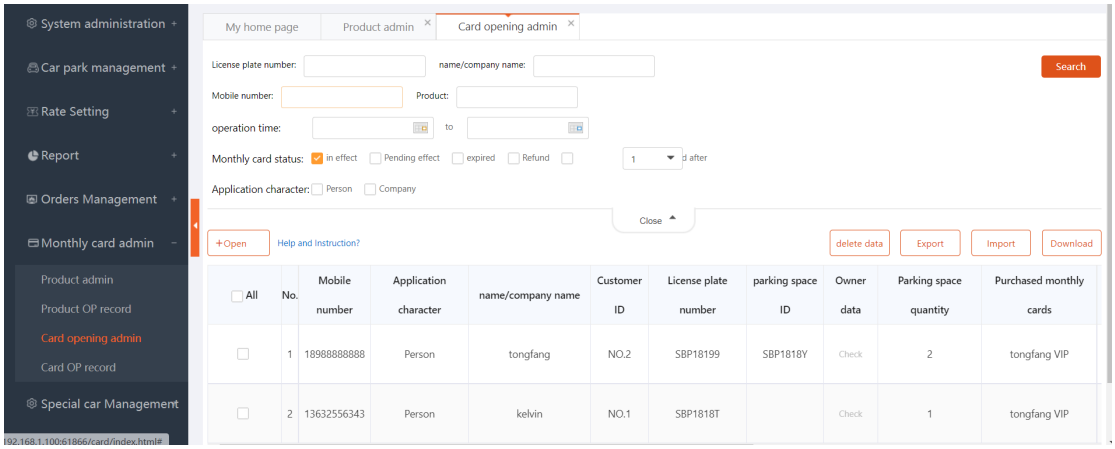
Edit

gray part cannot be edited. while editing, all uploaded images can be deleted.



Search

Click【more】to search the cards that meet the requirement



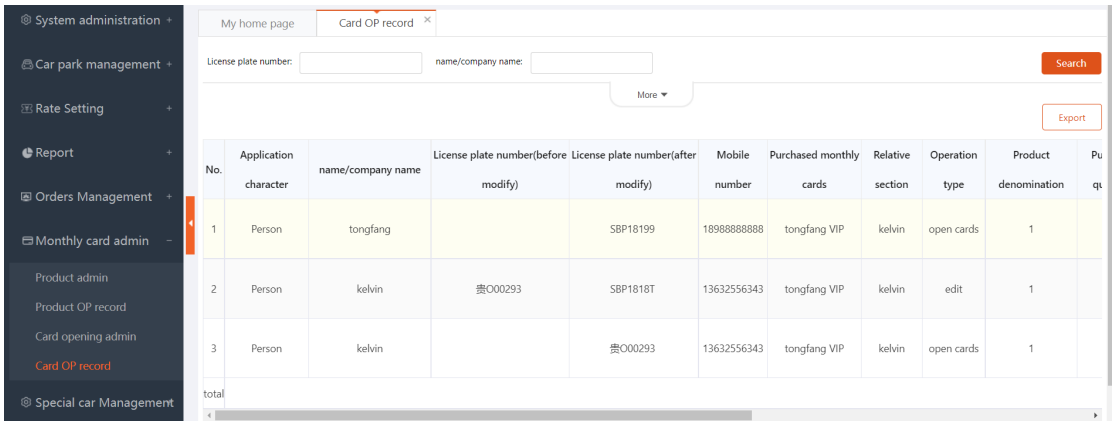
Export and import

a) export

	A	B	C	D	E	F	G	H	I	J	K
		Monthly c	export of time:2022-04-19 16:56:16								
	No	Product	Product a	Product p	Status of p	Validity	Auditing s	Suitable perioc	Time	People	
	1	tongfang	12	1000	stopsale	2022-04-19to202	Pass	00: 00: 00--2	2022/4/19 16:17	admin	

b) import: Used to bulk import monthly card opening information (need to add monthly card products in advance, if there are no monthly card products, please add first) up to 3000 cards each time

1.8.4 Card OP record



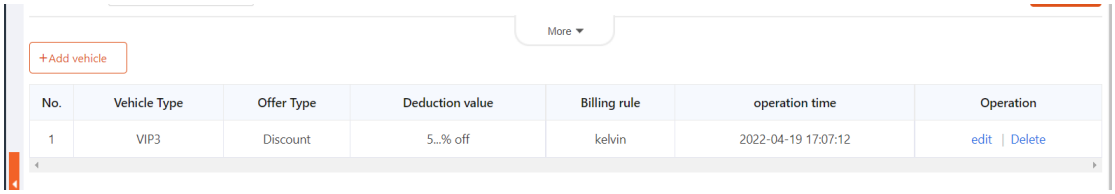
1.9 Special car management

VIP vehicles has discounts, or free of charge.

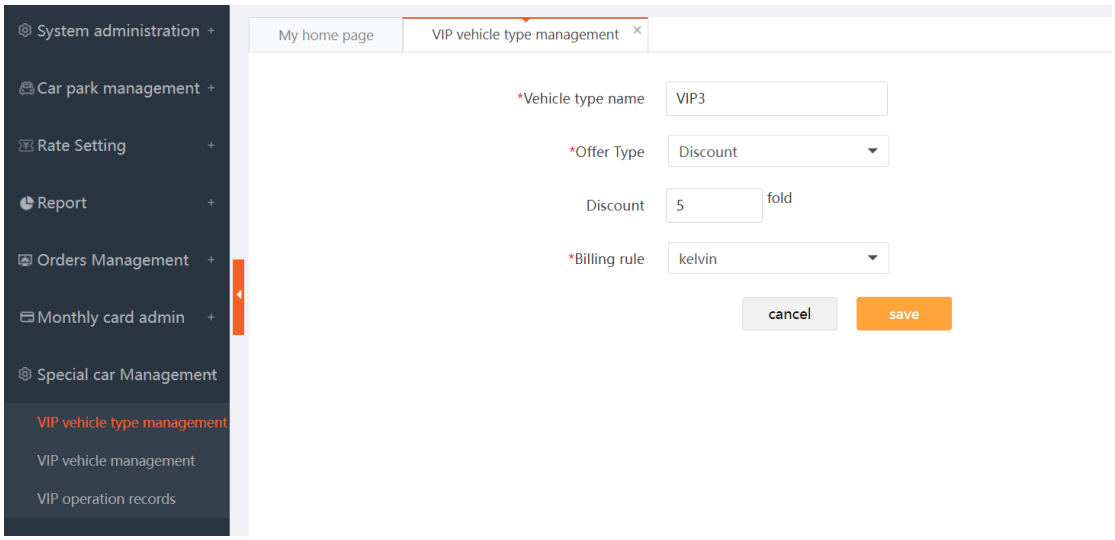
1.9.1 VIP vehicle type management

Add

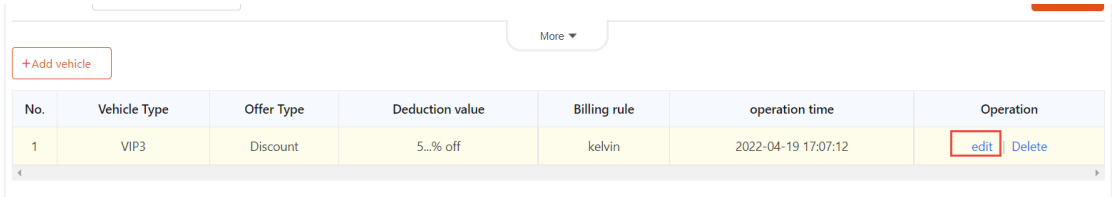
Click【add vehicle】to define the type



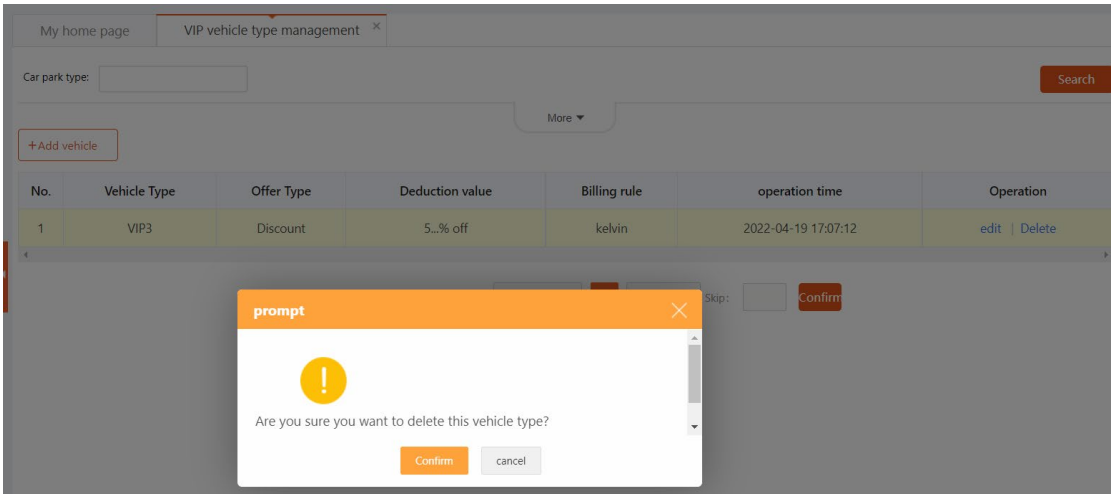
Type :deduction amount ,deduction time , discount, free time



Edit

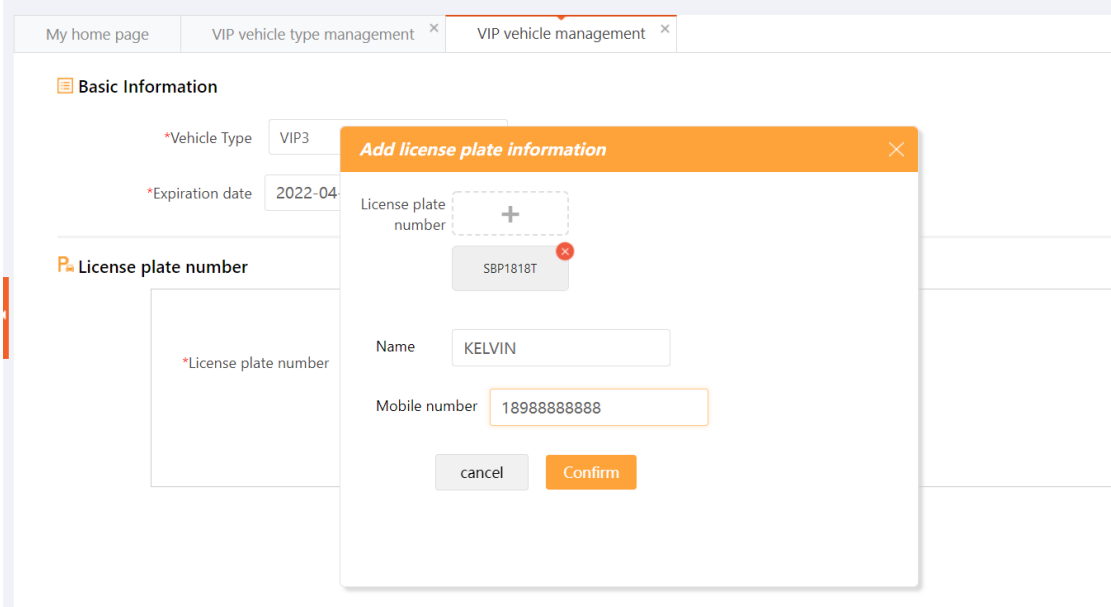


Delete

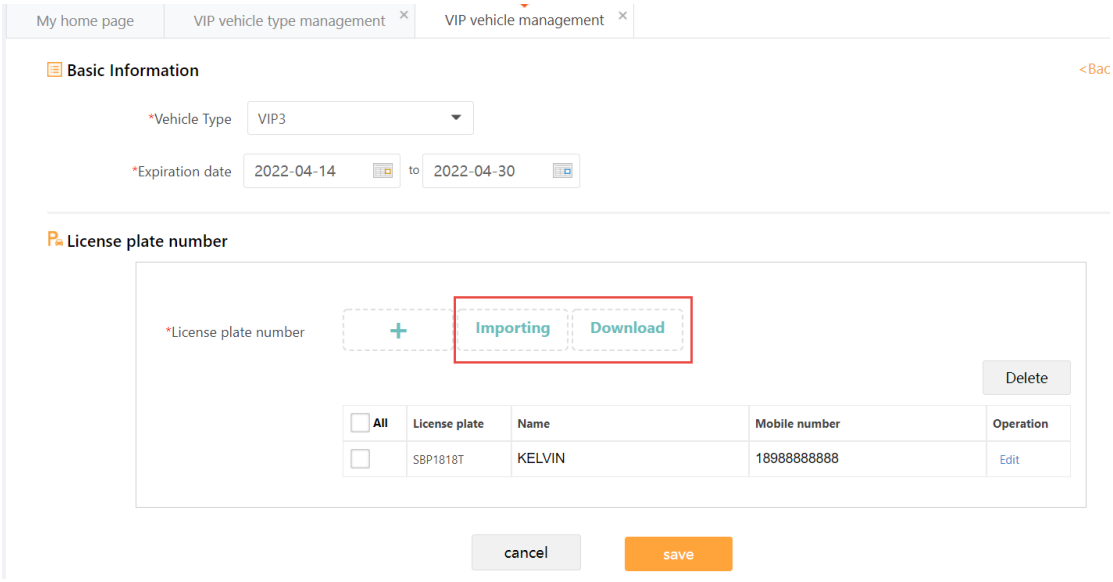


1.9.2 VIP vehicle management

Add the VIP cars



Download the template ,then import the license plate .



1.9.3 VIP operation records