

Bus passenger flow cloud platform user's manual

System Introduction

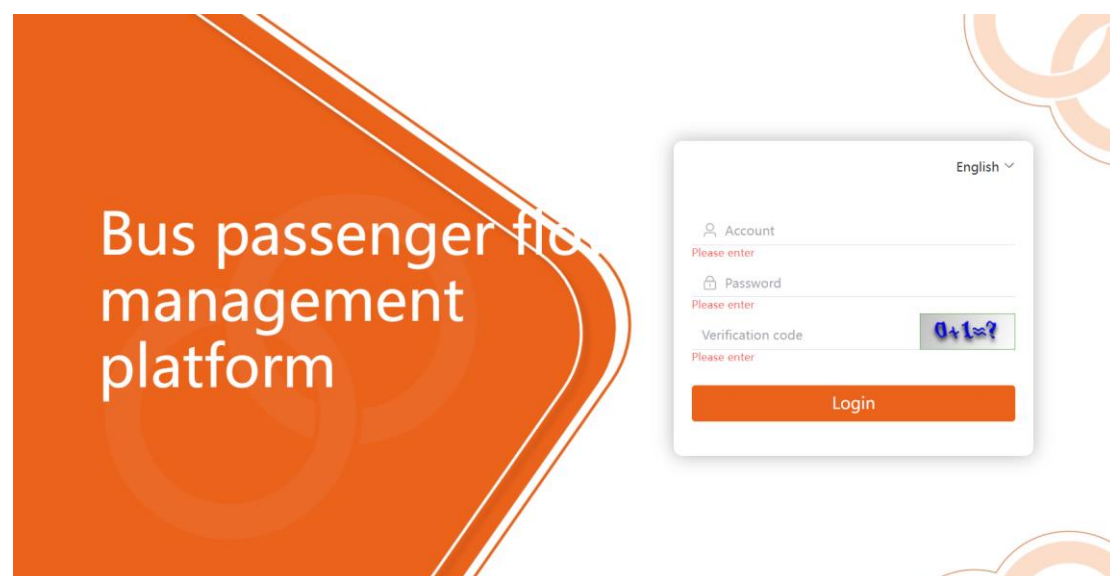
The bus passenger flow platform, relying on the upload of onboard host data, provides users with real-time vehicle location, real-time passenger flow, and station passenger flow information queries. Users statistical reports can provide users with institutional passenger flow statistics, route passenger flow statistics, station passenger flow statistics, vehicle passenger flow statistics, and station passenger flow distribution.

1. Login

Login address: <http://8.218.103.238/>

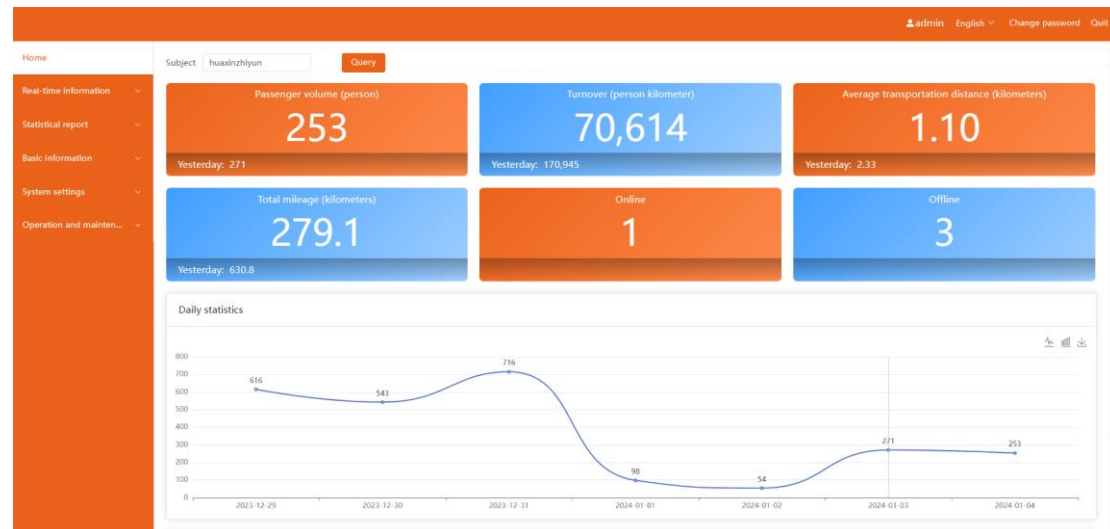
Login account/password: Please contact sales/FAE team to get the account.

Login page:



1、Homepage data

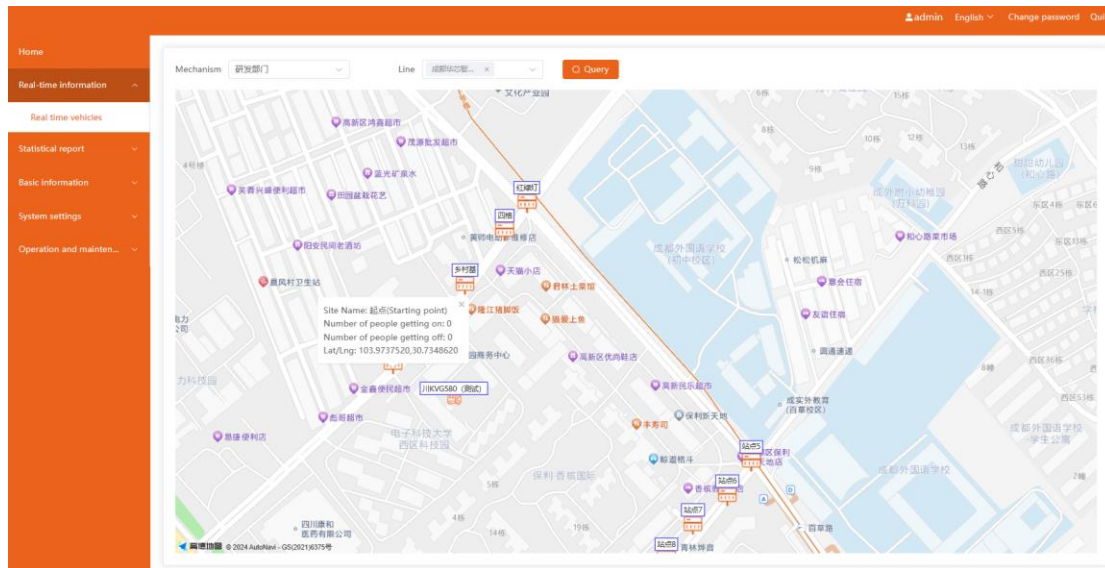
Home page: The default display shows a summary of all vehicle data for today/yesterday under this account.



2、Real time information

Real time information: Display the real-time position, speed, and current number of people.

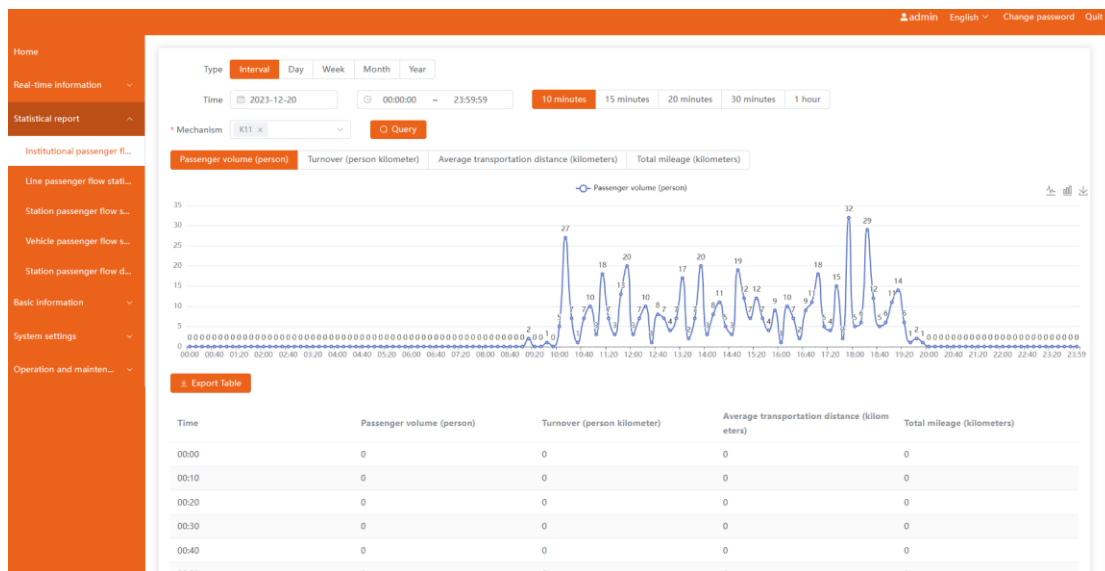
Station passenger flow: The system automatically calculates the boarding and alighting passenger flow at each station on the same day



3、Statistical report

Institutional passenger flow statistics: used for custom querying of passenger flow data/turnover/average transportation distance/total mileage across multiple architectures.

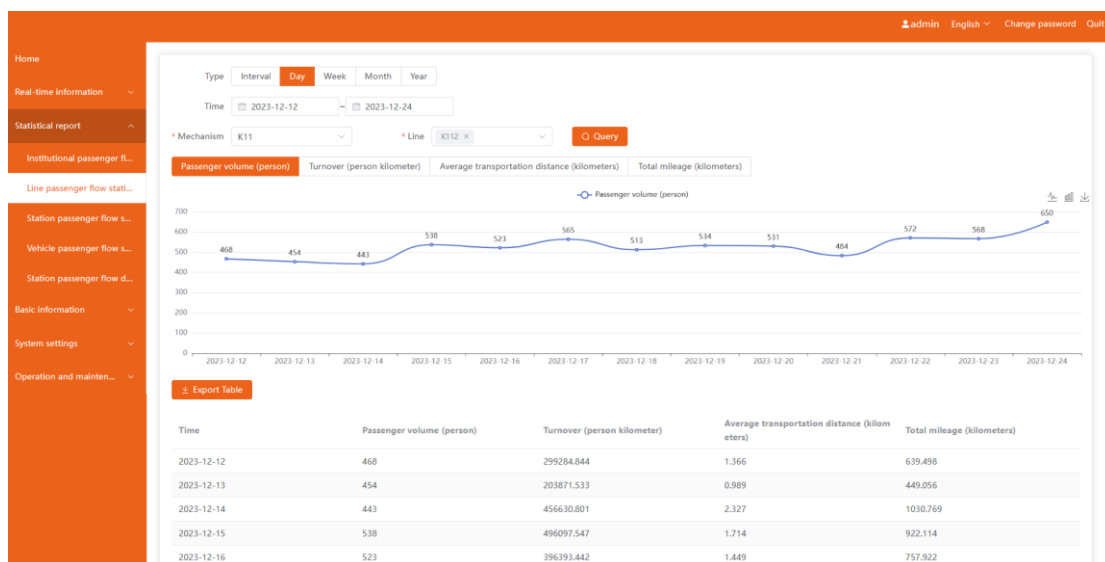
Export Table: Export data based on custom query data



Time	Passenger volume (person)	Turnover (person kilometer)	Average transportation distance (kilometers)	Total mileage (kilometers)
2023-12-01	0	0.0	0.0	0.0
2023-12-02	0	0.0	0.0	0.0
2023-12-03	0	0.0	0.0	0.0
2023-12-04	0	0.0	0.0	0.0
2023-12-05	0	0.0	0.0	0.0
2023-12-06	0	0.0	0.0	0.0
2023-12-07	0	0.0	0.0	0.0
2023-12-08	422	3708297.166	20.823	8787.434
2023-12-09	453	560258.15	2.73	1236.773
2023-12-10	445	407638.235	2.059	916.041
2023-12-11	490	219156.047	0.913	447.257
2023-12-12	468	299284.844	1.366	639.498
2023-12-13	454	203871.533	0.989	449.056
2023-12-14	443	456630.801	2.327	1030.769
2023-12-15	538	496097.547	1.714	922.114
2023-12-16	523	396393.442	1.449	757.922
2023-12-17	565	472326.126	1.48	835.975
2023-12-18	513	336294.939	1.278	655.546
2023-12-19	534	25849.503	0.091	48.407
2023-12-20	531	1830829.004	6.493	3447.889

Route passenger flow statistics: used for custom querying of multiple routes, including passenger flow data, turnover volume, average transportation distance, and total mileage.

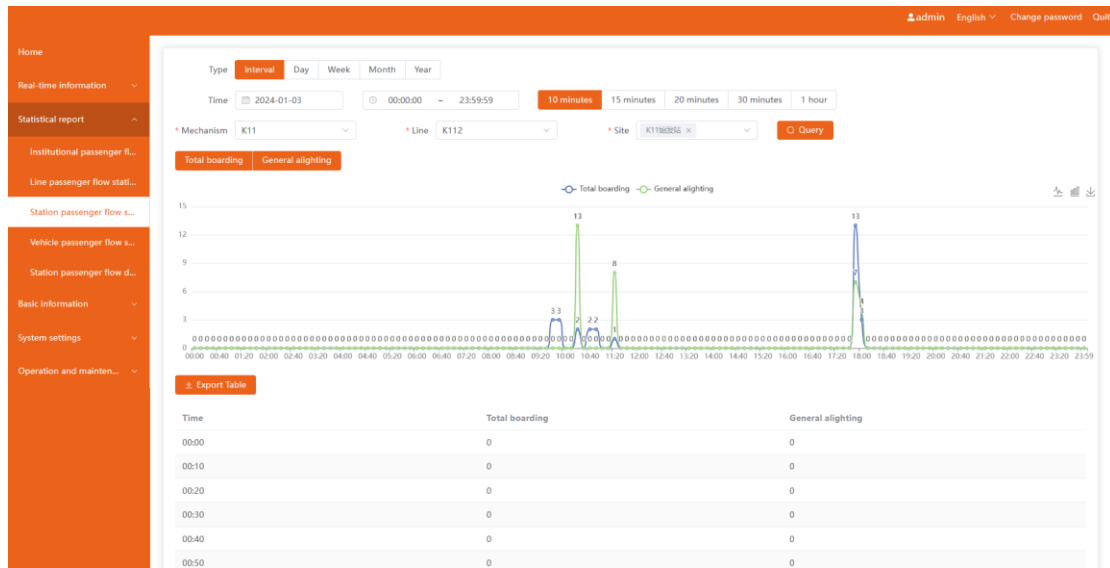
Export Table: Export data based on custom query data



Time	Passenger volume (person)	Turnover (person kilometer)	Average transportation distance (kilometers)	Total mileage (kilometers)
2023-12-12	468	299284.844	1.366	639.498
2023-12-13	454	203871.533	0.989	449.056
2023-12-14	443	456630.801	2.327	1030.769
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2023-12-18	513	336294.939	1.278	655.546
2023-12-19	534	25849.503	0.091	48.407
2023-12-20	531	1830829.004	6.493	3447.889
2023-12-21	484	463269.397	1.978	957.168
2023-12-22	572	720834.403	2.203	1260.2
2023-12-23	568	1530219.057	4.743	2694.048
2023-12-24	650	1032438.861	2.444	1588.367

Station passenger flow statistics: used to customize and query the total number of passengers getting on and off at multiple stations.

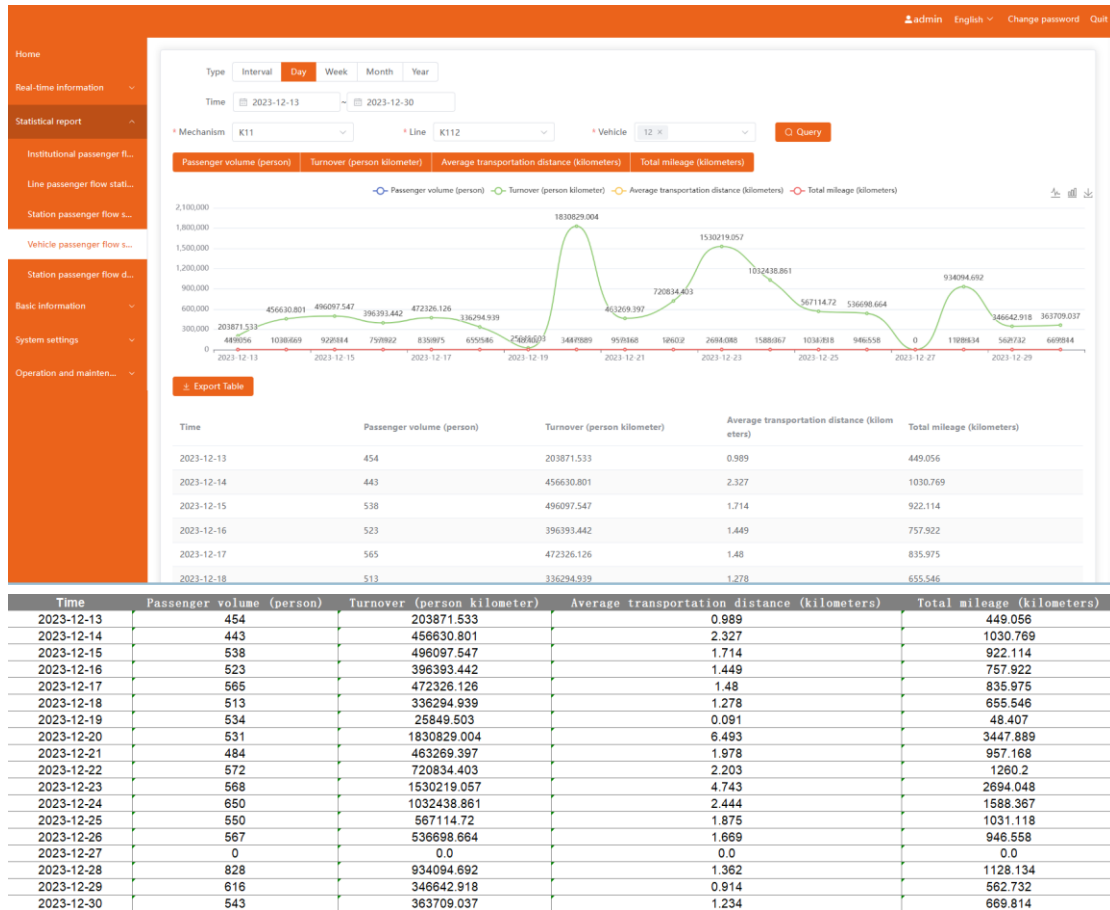
Export Table: Export data based on custom query data



Time	Total boarding	General alighting
2023-12-20	269	147
2023-12-21	42	46
2023-12-22	208	134
2023-12-23	49	45
2023-12-24	13	47
2023-12-25	82	90

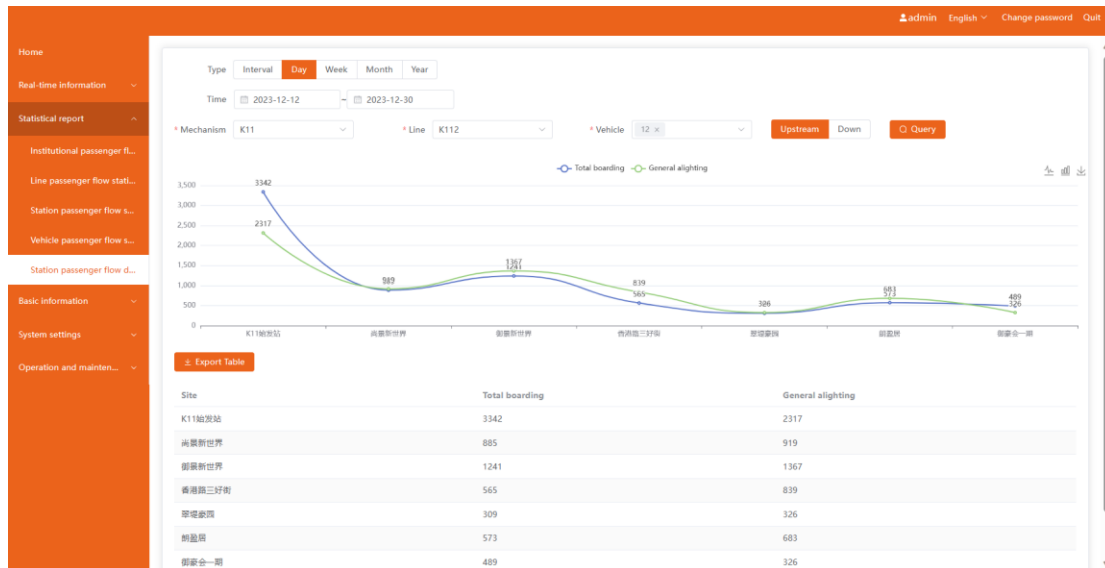
Vehicle passenger flow statistics: used to customize the query of passenger flow data/turnover/average transportation distance/total mileage for multiple vehicles.

Export Table: Export data based on custom query data.



Station passenger flow distribution, used for custom querying of passenger flow data/turnover/average transportation distance/total mileage for each station.

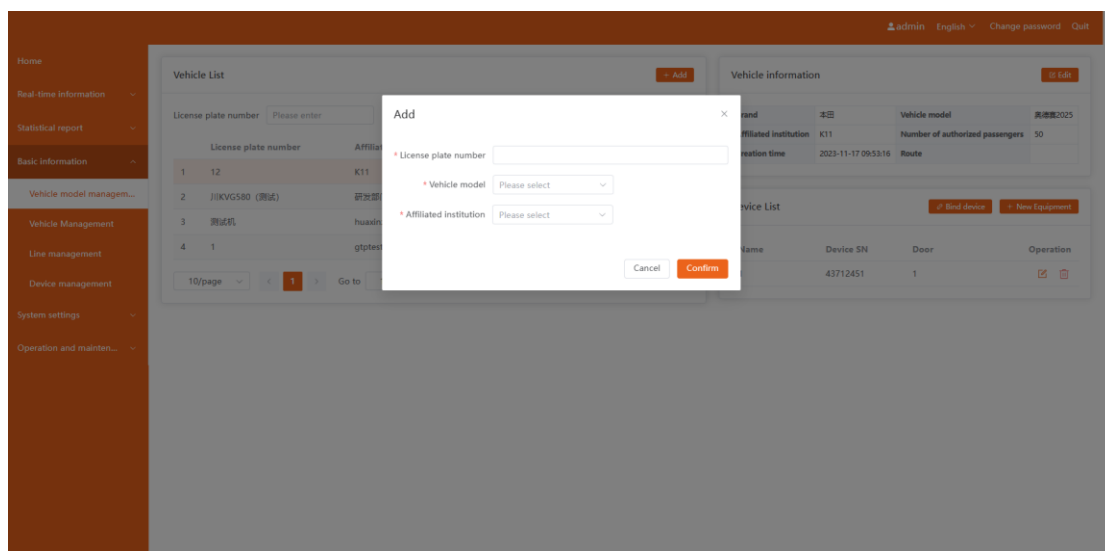
Export Table: Export data based on custom query data.



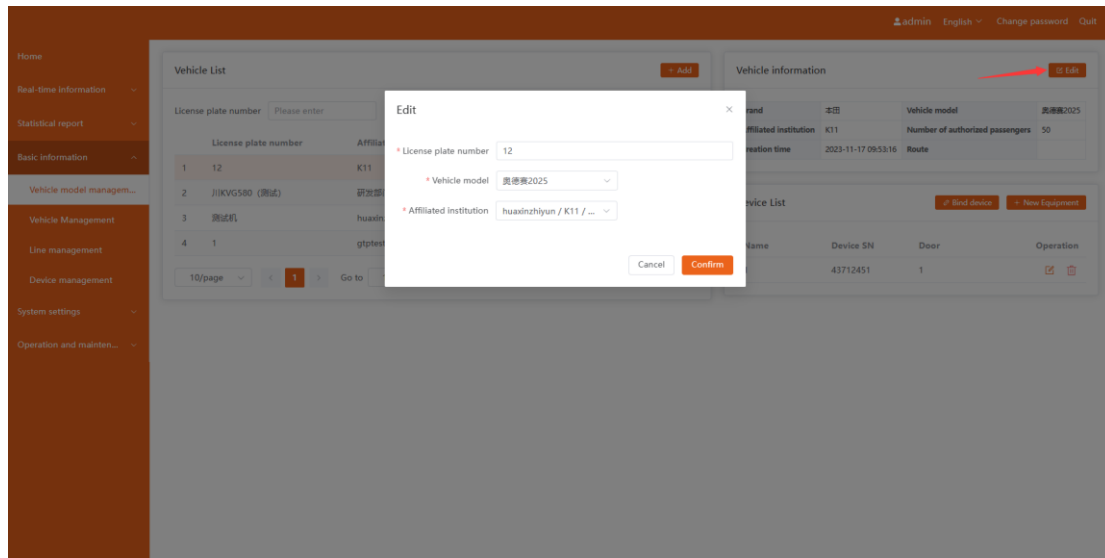
Site	Total boarding	General alighting
K11 departure station	3342	2317
Shangjing New World	885	919
Yujing New World	1241	1367
San Hao Street, Hong Kong Road	565	839
Cuidi Haoyuan	309	326
Langyingju	573	683
Yuhao Hui Phase I	489	326

4、 Basic information

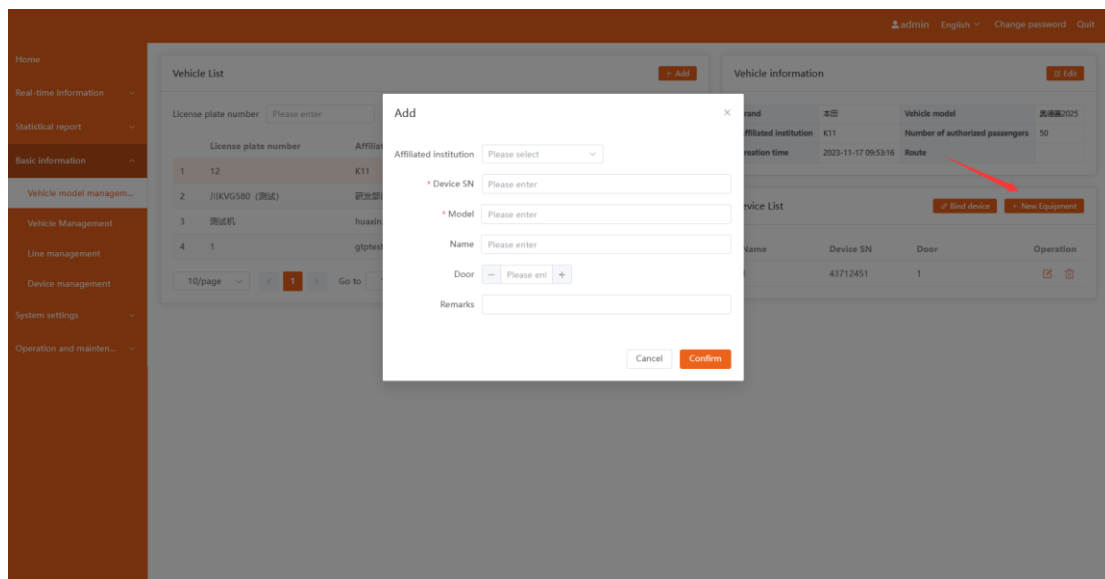
Vehicle management: Users can create new vehicles, fill in information, and then save them.



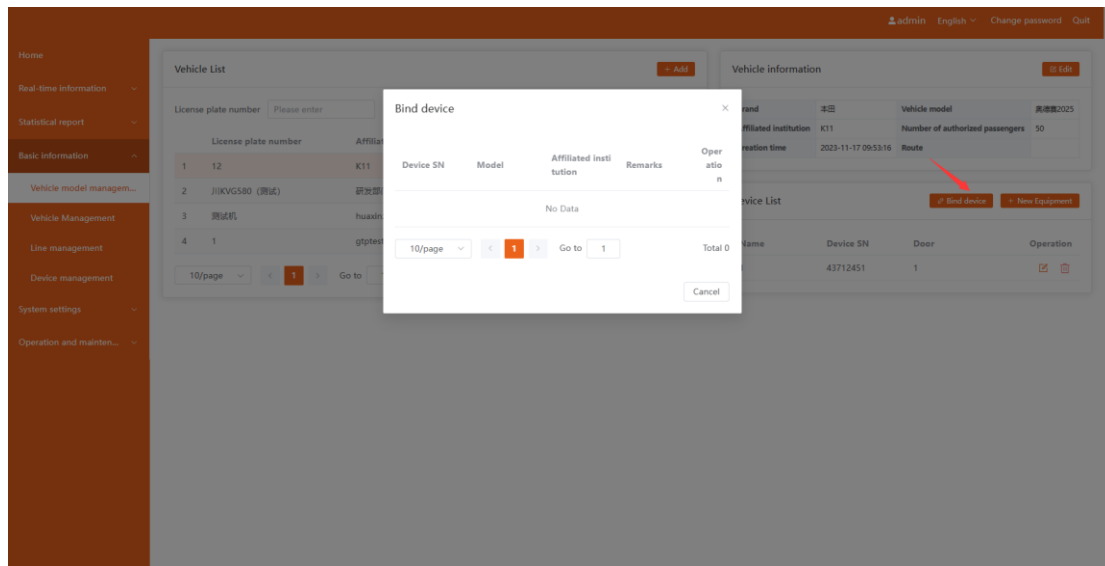
Edit: Users can edit vehicle information.



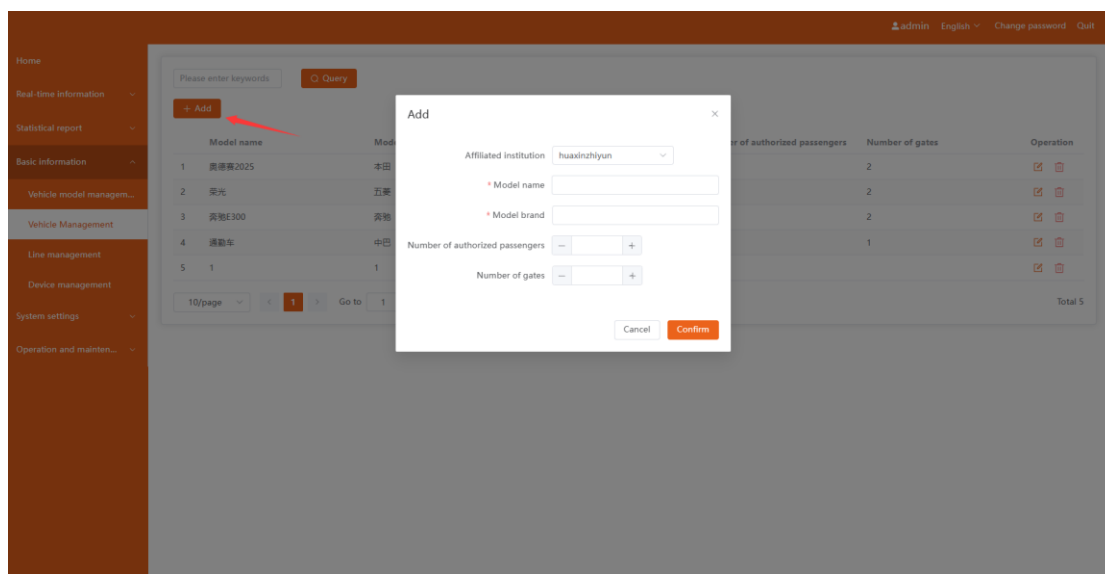
New device: Users fill in the information such as the onboard host SN, model: HX-M10, and name, and then save.



Binding device: Bind to the vehicle based on the existing onboard host SN number.

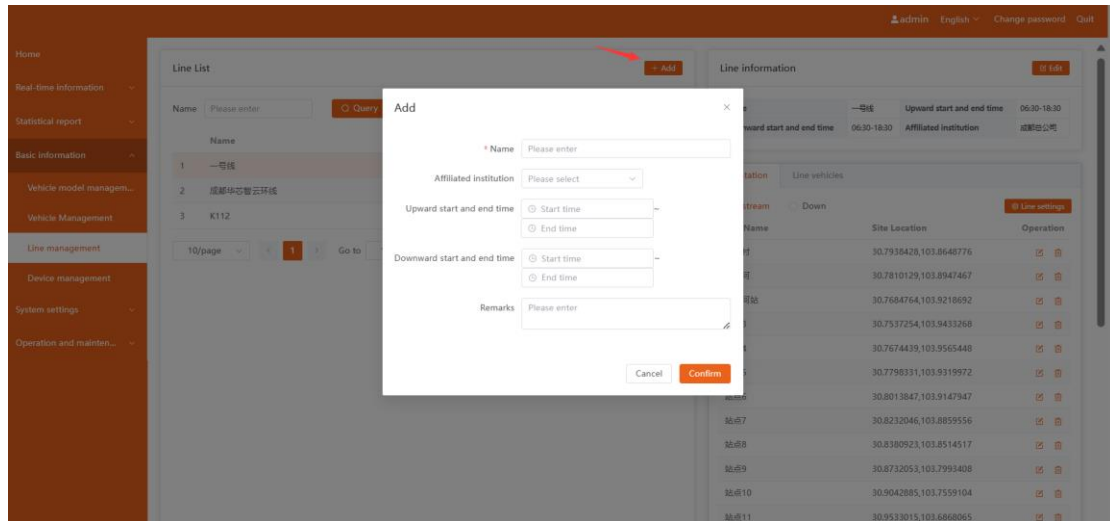


Model management: Users can add corresponding models based on their own models.

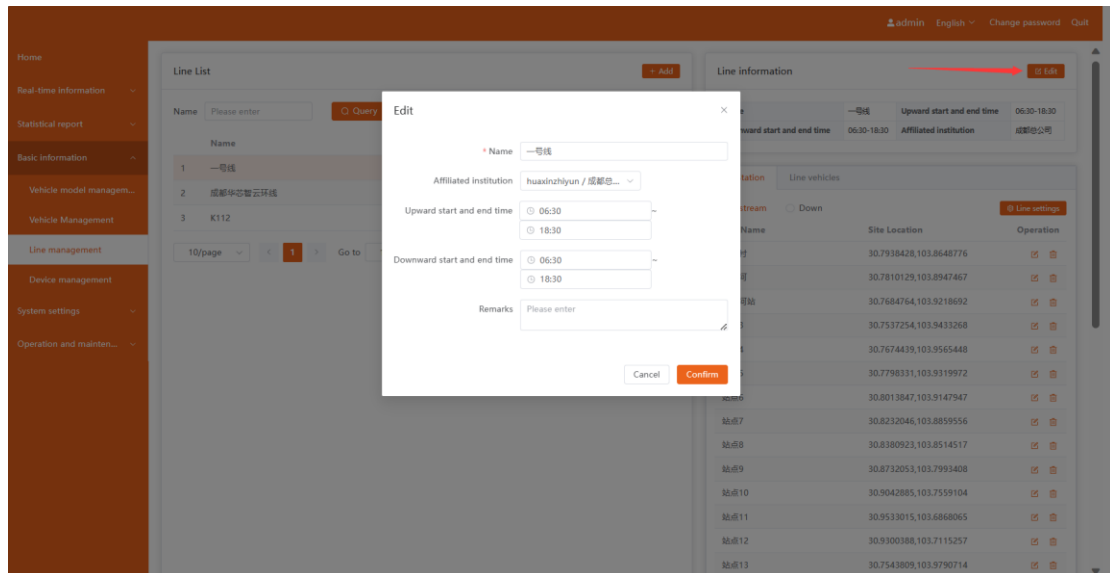


Line and pipeline:

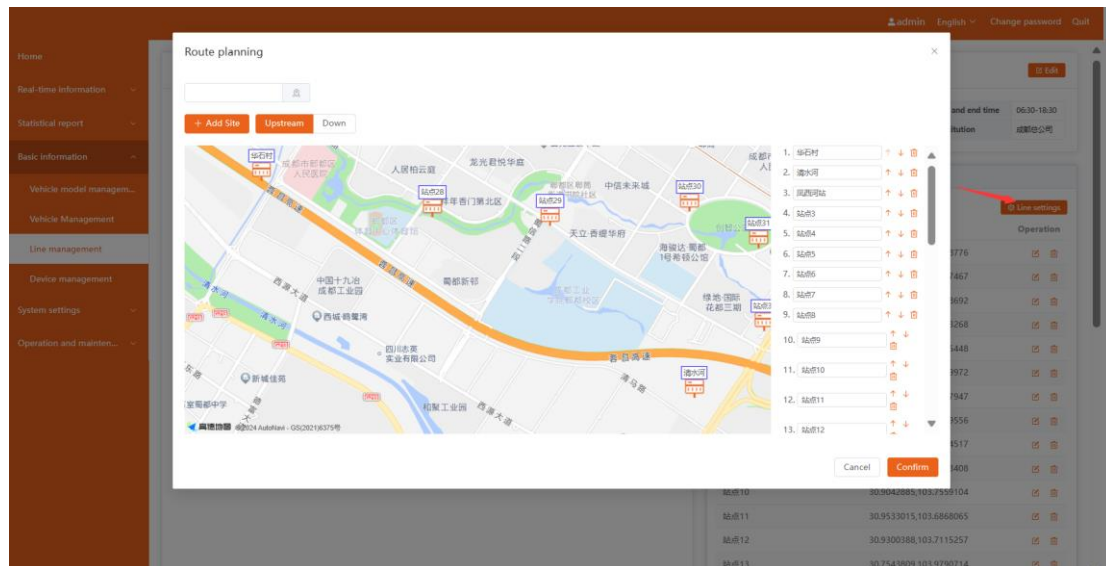
New: Users can add "lines", fill in necessary information, and then save.



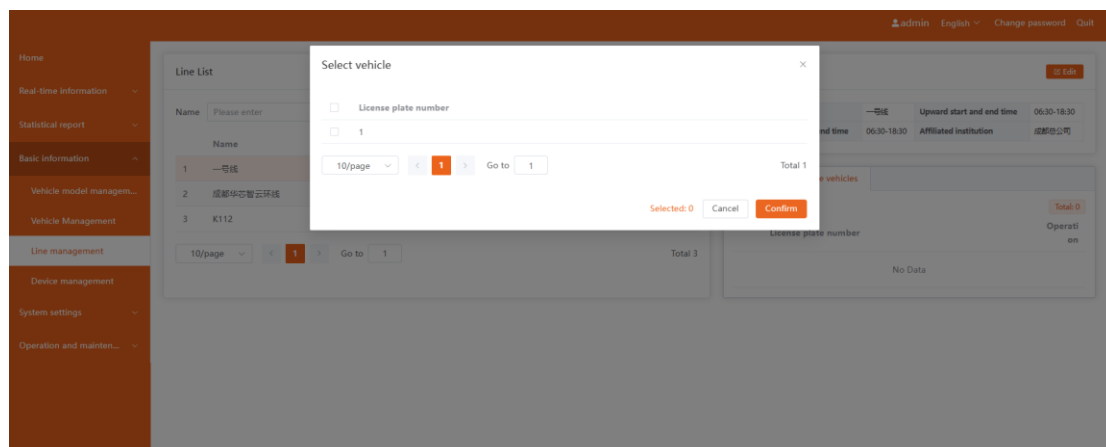
Edit: Users can modify basic "line information".



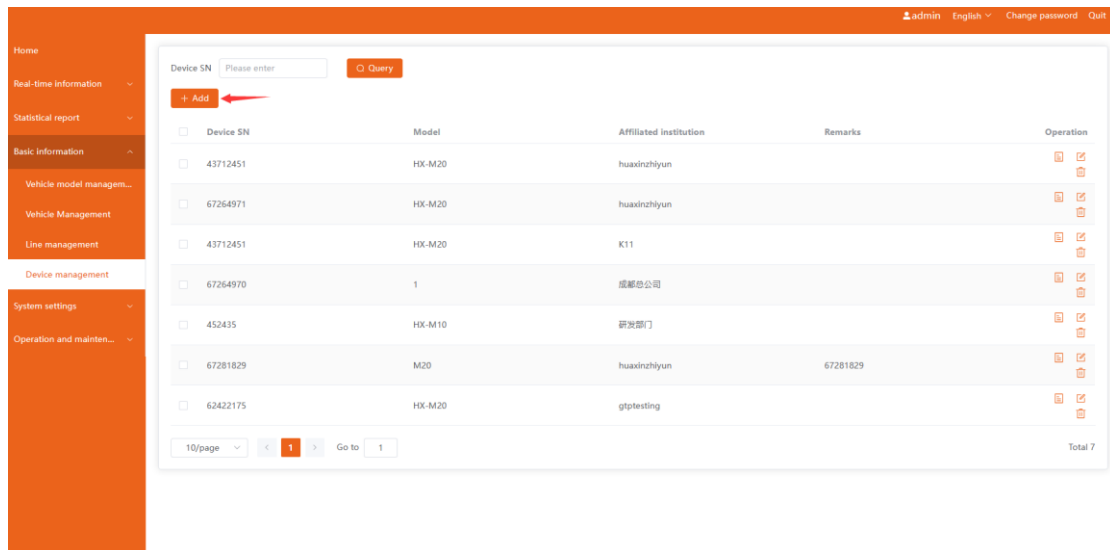
Route Settings: Users can customize and mark the stations on the route through the map through Route Settings.



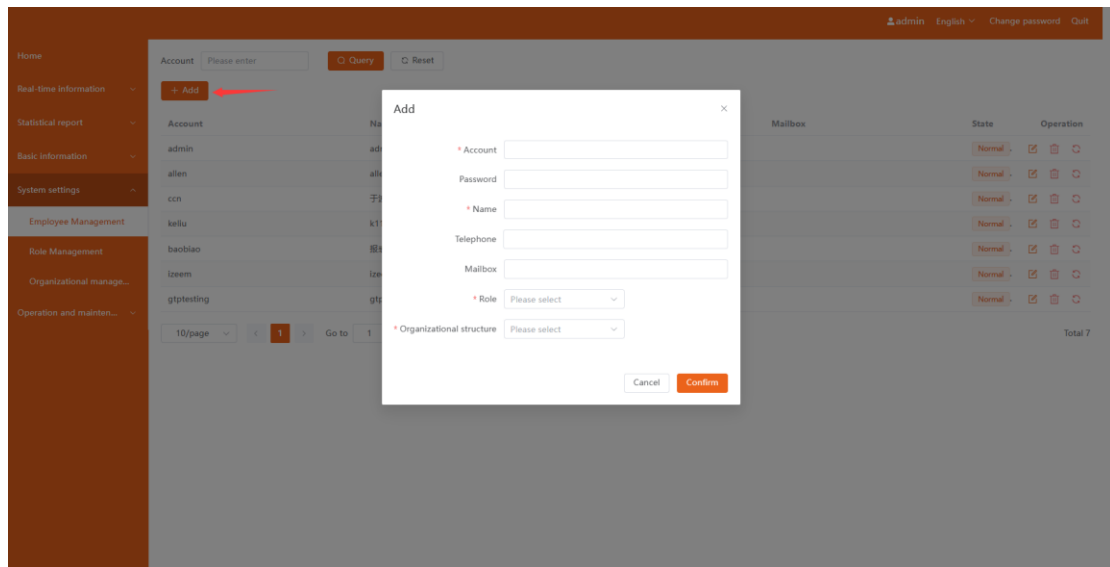
Vehicle management on the route: Users can bind the license plate number of the vehicles driving on the route through vehicle management.



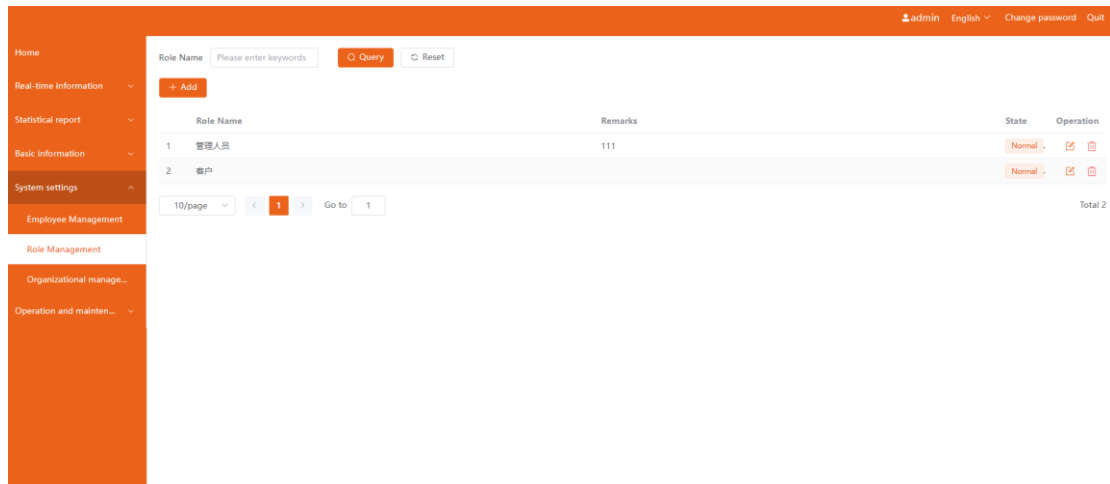
Device management: Users can query all onboard host SN number under their account, and also upload records to view coordinate positions and passenger flow information.



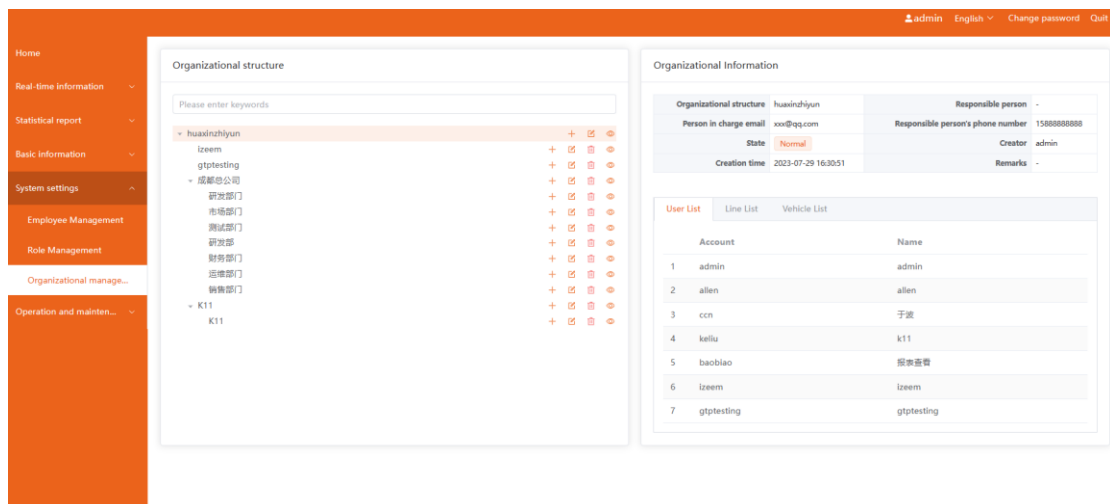
Employee management: By adding "Add" and their corresponding structures, different accounts can view data under different structures.



Role management: Users can customize module permissions and authorize different accounts through role management.



Organizational management: Users can add multiple levels through the organizational structure to facilitate the management of onboard data.



Operation and maintenance settings: Administrators use the configuration map, ordinary users do not use this part of the content.

For private cloud users who need to apply for the Google Maps key, please refer to the "Bus Passenger Flow Level Private Cloud Deployment - Google Maps Get API Key".

Home

Real-time Information

Statistical report

Basic information

System settings

Operation and mainten...

Map Key Management

LOGO Management

adminEnglishChange passwordQuit

Map selection

☐ Google Maps

☒ Gaode Map

Gaode Map Key

e05a711f993c60e102c4f0bd2a26453b

Gaode Map Security Key

e755a94bc7978dc0283f241f36499a7f

Confirm