Web Interface Documentation

Introduce each interface on Web platform, and Input Output Description

Interface Desc And Error Code

1.Param Encode

All requests and responses data are both of encoding utf-8 format, all parameter values in the url please do URLEncode coding;

parameter please do URL encoding(UTF-8), comply with RFC 1738 when coding.

Chinese Example

```
1.Url direct pass    encodeURI(encodeURI(URIstring))
   http://188.225.80.18:8088/StandardApiAction_marginGroup.action?value=encodeURI(encodeURI(URIstring))

2.Ajax data transfer(Recommend)    encodeURI(URIstring)
  var data = {}
  data.value = encodeURI(URIstring)
  $.ajax({
        url: 'http://188.225.80.18:8088/StandardApiAction_marginGroup.action
      data: data,
      cache:false,
      dataType:'json',
      success: function (json) {
        if(json.result == 0){
          alert('Success');
        } else {
          alert('Failure');
        }
      },error:function(XMLHttpRequest, textStatus, errorThrown){
      }
  });
```

2.HTTP MIME TYPE

JSON
  Content-type: application/json;charset=utf-8
JSONP
  Content-type: text/javascript; charset=utf-8

3.Common Param

Param Name	Param Type	Whether Must	Desc
jsession	string	Yes	Return session after user logged
callback	string	No	When a third-party call Open API by JS, by specifying the callback parameter, the platform will return JSONP code, used to solve cross-border problems.Callback parameter values can only be alphanumeric number and underscores.

Universal Return Param Desc(json):

Param Name	Param Type	Desc
retult	number	0: Correctly returns Other: failure.Details See also:Error Code Desc
callback	string	Callback is carried when requesting

4.webError Code Desc

Error Code	Caption
1	Username or password incorrect
2	Username or password incorrect
3	The user has disabled
4	The user has expired
5	Session does not exist
6	System exception
7	Request parameter is incorrect
8	No authority to operate the vehicle or device
9	Start time is not greater than the end time
10	The time Longer than the range
11	Video download tasks already exist
12	Account already exists
13	No operating authority
14	The amount of device was limited(The amount of device reaches maximum).
15	The device is already exsist.
16	The vehicle is already exsist.
17	The device has been used.
18	Vehicle does not exist
19	Device does not exist
20	Equipment is not current company
21	The number of device registration does not match, please check the number of equipment exceeds the number of registration!
24	Network connection exception
25	The name of the rule already exists
26	Rules do not exist
27	Information does not exist
28	userSession already exists
29	Company does not exist
32	Equipment is not online
34	Single sign-on user, already logged in

5.serverError Code Desc(Return parameter inclusion： "cmsserver":1)

Error Code	Caption
2	No user permissions
3	Request parameter is incorrect
4	Operating database error
5	Information does not exist
6	unknown error
7	The name has been used
21	Device does not exist
22	No feedback information received from the device
23	Equipment is not online
26	Device connection interruption
27	Undefined storage path

6.JSONP Use Example

```
$.ajax({
    type:'POST',
     url: 'http://188.225.80.18:8088/StandardApiAction_loginEx.action?callback=getData',
    data: data,
    cache:false,
     dataType:'JSONP',
    success: getData=function (data) {
      if(data.result == 0){
        alert('Success');
      } else {
        alert('Failure');
      }
    },
});
```

Login And Logout

Interface Desc And Error Code

  Login

URL

http://188.225.80.18:8088/StandardApiAction_login.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
account	string	Yes	No	Account
password	string	Yes	No	Password

Request Example

http://188.225.80.18:8088/StandardApiAction_login.action?account=cmsv6&password=cmsv6

Return Param Desc

Param Name	Param Type	Desc
jsession	string	Jsession

Correctly Returns Examples

```
{
  "result": 0,
  "jsession": "cf6b70a3-c82b-4392-8ab6-bbddce336222",
  "account_name": "cmsv6",
  "JSESSIONID": "cf6b70a3-c82b-4392-8ab6-bbddce336222"
}
```

Way 1:

Login to the background interface Do not contain video interfaceSee Also:http://188.225.80.18:8088/808gps/index.html?userSession=cf6b70a3-c82b-4392-8ab6-bbddce336222&clientLogin=1

Login to the background interface Include video and other interfacesSee Also:http://188.225.80.18:8088/808gps/index.html?userSession=cf6b70a3-c82b-4392-8ab6-bbddce336222&clientLogin=2

Login to the background interface Specify PageSee Also:http://188.225.80.18:8088/808gps/index.html?userSession=cf6b70a3-c82b-4392-8ab6-bbddce336222&menuIds=25,26

Input Param Desc：userSession represents the session number returned by the user login; clientLogin means whether it contains location, video, track playback and other functions (2 means included),Higher priority than menuIds,menuIds represents the menu ID (use, separate) 25 real-time video 26 historical playback

Method 2:

Login to the background interface Specify menu, pageSee Also:http://188.225.80.18:8088/808gps/index.html?userSession=cf6b70a3-c82b-4392-8ab6-bbddce336222&menuKey=key1

Input Param Desc：userSession represents the session number returned by the user logging in; menuKey represents the group key of the custom group, with the highest priority.

MenuKey setting method: add in operation management-custom menu management, menuKey is the group key.

Interface Desc And Error Code

Logout

URL

http://188.225.80.18:8088/StandardApiAction_logout.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession

Request Example

http://188.225.80.18:8088/StandardApiAction_logout.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Query Vehicle

Interface Desc And Error Code
 Get User Vehicle

URL
 http://188.225.80.18:8088/StandardApiAction_queryUserVehicle.action?

HTTP Request Method
 GET/POST

Input Param Desc
 (1)Common Param

 See Also:Common Param

 (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession

Request Example
 http://188.225.80.18:8088/StandardApiAction_queryUserVehicle.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&language=zh

Return Param Desc
 a.Vehicle Information

Param Name	Param Type	Desc
id	number	Vehicle ID
nm	string	Plate Number
ic	number	Vehicle Icon
pid	number	Vehicle Company Or Team
pnm	string	Company Name
pt	string	Plate Type
dl	Array	Device List The following are device info
id	string	Device No.
pid	number	Device Company
ic	number	Number of IO
io	string	IO Name Separated by ','
cc	number	Number of Channels
cn	string	Channel Name Separated by ','
tc	number	Number of Temperature Sensors
tn	string	Temperature sensor Name Separated by ','
md	number	Module Param Bitwise representation, each shows a module, The first is support for video, The second is control oil, The third is control circuit, The fourth is tts voice, The fifth is digital intercom, The sixth is capture support, The seventh is monitor support, The eighth is fuel sensor, The ninth is support intercom, The tenth is ODB peripherals.
vehicleType	number	Vehicle type: 1 Dangerous Goods Transporter, 2 Ordinary Passenger Transport Vehicle, 3 Rural Passenger Transport Vehicle, 4 Taxi, 5 Freight Vehicle, 6 Waste Truck, 7 Sanitation Vehicle, 8 Concrete Vehicle, 9 Excavator, 10 Engineering Vehicle
sim	string	SIM Card
nflt	number	Monthly flow exceeding limit: 0 overlooked after exceeding the limit, 1 disable media service after exceeding the limit
did	number	Device ID
isb	number	Device protocol
us	number	Device usage status
payEnd	number	Service expiration time (time stamp type)

 b.Organization Information

Param Name	Param Type	Desc
id	number	Organization ID
nm	string	Organization Name
pid	number	Higher Party Organization ID

Correctly Returns Examples

```
{
  "result": 0,
  "vehicles":[
    {
      "id":34,
      "nm":"50000000001",
      "ic":11,
      "pid":1,
      "vehicleType":0,
      "dl":[
        {
          "id":"500000",
          "pid":2,
          "ic":3,
          "io":"IO_1,IO_2,IO_3",
          "cc":4,
          "cn":"CH1,CH2,CH3,CH4",
          "tc":3,
          "tn":"TEMP_1,TEMP_2,TEMP_3",
          "md":1568,
          "sim":null
        }
      ]
    }
  ],
  "companys":[
    {
      "id":1,
      "nm":"test",
      "pid":0
    },
    {
      "id":2,
      "nm":"test subdepartment",
      "pid":1
    }
  ]
}
```

Interface Desc And Error Code

Get DevIdno

URL

http://188.225.80.18:8088/StandardApiAction_getDeviceByVehicle.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
vehiIdno	string	No	No	Plate Number It may be more than one, in order to ',' separation. Chinese reference, format reference

Request Example

http://188.225.80.18:8088/StandardApiAction_getDeviceByVehicle.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&vehiIdno=50000000000

Return Param Desc

Param Name	Param Type	Desc
did	string	Device No.
vid	string	Plate Number
type	number	Device type 1 means video device, 0 means gps device, if only one device, it is video device or gps device.

Correctly Returns Examples

```
{
  "result": 0,
  "devices":[
    {
      "vid":"50000000000",
      "type":1,
      "did":"1234"
```

```
      },
      {
        "vid":"50000000000",
        "type":0,
        "did":"dsdasd21116"
      }
    ]
}
```

Interface Desc And Error Code

Get Device Online

URL

http://188.225.80.18:8088/StandardApiAction_getDeviceOlStatus.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	No	No	Device No. It may be more than one, in order to ',' separation. If it is empty, it is determined that the vehiIdno.
vehiIdno	string	No	No	Plate Number It may be more than one, in order to ',' separation. If the devIdno is empty, it is judged that the vehiIdno. Chinese reference, format reference
status	number	No	No	Online status, 0 not online 1 online, empty query all

Request Example

http://188.225.80.18:8088/StandardApiAction_getDeviceOlStatus.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&devIdno=500000

Return Param Desc

Param Name	Param Type	Desc
did	string	Device No.
vid	string	Plate Number If you are using the devIdno query, it is null.
online	number	Online Status 1 means online, or offline.

Correctly Returns Examples

```
{
  "result": 0,
  "onlines":[
    {
      "did":"500000",
      "vid": null,
      "online":1
    }
  ]
}
```

Interface Desc And Error Code

Get Device Status(GPS)

URL

http://188.225.80.18:8088/StandardApiAction_getDeviceStatus.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession

devIdno	string	No	No	Device No. It may be more than one, in order to ',' separation. If it is empty, it is determined that the vehIdno.
vehIdno	string	No	No	Plate Number It may be more than one, in order to ',' separation. If the devIdno is empty, it is judged that the vehIdno. Chinese reference, format reference
geoaddress	number	No	No	Analysis of geographical position 1 provides resolution geographic location services If you don't pass it, don't analysis the location
driver	number	No	No	Whether to query driver information (name + work number) 1: query; other or not: not querying
toMap	number	No	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates
language	string	No	No	Analysis of geographical position, Chinese environment pass on: zh

Request Example

http://188.225.80.18:8088/StandardApiAction_getDeviceStatus.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&devIdno=500000&toMap=1&language=zh

Return Param Desc

Param Name	Param Type	Desc
id	string	Device No.
vid	string	Plate Number If you are using the devIdno query, it is null.
lng	number	Lng If the device location is invalid, the value of 0. For example: 113231258, the true value is 113.231258
lat	number	Lat If the device location is invalid, the value of 0. For example: 39231258, the true value is 39.231258
ft	number	Factory Type
sp	number	Speed Unit: km/h, you must first use divided by 10.
ol	number	Online Status 1 means online, or offline.
gt	string	GPS Upload Time
pt	number	Protocol Type
dt	number	Hard Type 1 means a SD card, 2 means a hard disk, and 3 means SSD card.
ac	number	Audio Type
fdt	number	Factory Subtype
net	number	Network Type 0 means 3G, 1 means WIFI, 2 means wired, 3 means 4G, 4 means 5G.
gw	string	Gateway Server Number
s1	number	Status 1 Details See also:Device Status Desc
s2	number	Status 2 Details See also:Device Status Desc
s3	number	Status 3 Details See also:Device Status Desc
s4	number	Status 4 Details See also:Device Status Desc
t1	number	Temp Sensor 1
t2	number	Temp Sensor 2
t3	number	Temp Sensor 3
t4	number	Temp Sensor 4
hx	number	Direction North direction is 0 degrees, clockwise increases, the maximum value of 360 degrees.

mlng	string	Map Lng Get the lng through the conversion
mlat	string	Map Lat Get the lat through the conversion
pk	number	Parking Time Unit: sec.
lc	number	mileage Unit: m.
yl	number	Fuel Unit: L, you must first use divided by 100.
viceYl	number	By fuel Unit: L, you must first use divided by 100.
ps	string	Geographical Position The geographical position after analysis (or converted longitude, converted latitude)
tsp	number	Speed of traveling data recorder Unit: km/h, you must first use divided by 10. V9:Electric Quantity
dn	string	Driver Name
jn	string	Driver's Work Number
lt	number	Login type:0-linux, 1-windows, 2-web, 3-Android, 4-ios
ust	number	Use status:0-normal, 1-maintenance, 2-deactivated, 3-arrears
sn	number	Number of satellites
lg	number	2 hours means long GPS(Refer to the 808-2019 agreement)
rt	string	Valid when lg=2,Receive GPS server time
ls	number	Valid when lg=2 Bit0: compartment temperature, bit1: IO status bit, bit2: extended vehicle signal status, bit3: analog quantity bit4: tire pressure, bit5: active safety ADAS, bit6: active safety DSM, bit7: active safety BSD
ct	number	Valid when lg=2,Compartment temperature (0x06)(Refer to the 808-2019 agreement)
ios	number	Valid when lg=2,IO status bit (0x2A)(Refer to the 808-2019 agreement)
es	number	Valid when lg=2,Extended vehicle signal status bit (0x25)(Refer to the 808-2019 agreement)
aq	number	Valid when lg=2,Analog quantity (0x2B)(Refer to the 808-2019 agreement)
adas1	number	Valid when lg=2,Active safety adas alarm status bit Lv1 Bit0: forward collision alarm, bit1: lane departure alarm, bit2: vehicle distance over alarm, bit3: pedestrian collision alarm bit4: frequent lane change alarm, bit5: road sign over limit alarm, bit6: obstacle alarm, Bit7: Curved speed warning
adas2	number	Valid when lg=2,Active safety adas alarm status bit Lv2 Bit0: forward collision alarm, bit1: lane departure alarm, bit2: vehicle distance over alarm, bit3: pedestrian collision alarm bit4: frequent lane change alarm, bit5: road sign over limit alarm, bit6: obstacle alarm, Bit7: Curved speed warning
dsm1	number	Valid when lg=2,Active safety dsm alarm status bit Lv1 Bit0: fatigue driving alarm, bit1: call alarm, bit2: smoking alarm 3: long time no visual alarm, bit4: system can not work normally alarm bit5: driver does not wear seat belt alarm, bit6: driving The member is not in the driver's seat alarm, bit7: the driver's hands are off the steering wheel alarm, bit8: distracted driving alarm (Su), bit9: driver abnormal alarm (Su)
dsm2	number	Valid when lg=2,Active safety dsm alarm status bit Lv2

		Bit0: fatigue driving alarm, bit1: call alarm, bit2: smoking alarm 3: long time no visual alarm, bit4: system can not work normally alarm bit5: driver does not wear seat belt alarm, bit6: driving The member is not in the driver's seat alarm, bit7: the driver's hands are off the steering wheel alarm, bit8: distracted driving alarm (Su), bit9: driver abnormal alarm (Su)
bsd1	number	Valid when lg=2 Active safety bsd alarm status bit bit0: left blind zone alarm, bit1: right blind zone alarm, bit2: rear approaching alarm
fvs	number	Front vehicle speed (Km/h). The asas alarm status bit is valid when bit0 =1 and bit1=1
dst	number	Front vehicle/pedestrian distance (100ms). The asas alarm status bits are valid for bit0 = 1, bit1=1 and bit3 = 1
rfd	number	Road sign identification data. asas alarm type
dvt	number	Deviation type (0: left 1: right).asas alarm status bit is valid for bit1=1
rft	number	Road marker identification type (0: speed limit flag 1: limit height flag 2: weight limit flag) is valid when the asas alarm type is bit5 = 1.
fl	number	Fatigue degree. dsm alarm type
yn	number	Number of yawns. The dsm alarm status bit is valid when bit0 = 1.
cet	number	Closed eye duration (100ms). The dsm alarm status bit is valid when bit0 = 1.
wc	number	Number of consecutive blinks. The dsm alarm status bit is valid when bit0 = 1.
tp	number	Tire pressure data, formatted as hex. dsm alarm type
ef	number	Additional information flag 0-Bus OBD 1-Video Department 2-UAE School Bus
p1	number	ef=1: video loss flag, ef=2: hard disk 3 status 0 is invalid, 1 exists, 2 does not exist
p2	number	ef=1:Video occlusion flag, ef=2: Hard disk 3 type 1sd, 2hd, 3ssd
p3	number	ef=1:Disk error flag, ef=2: Hard disk 4 status 0 is invalid, 1 exists, 2 does not exist
p4	number	ef=1:Abnormal driving flag, ef=2: Hard disk 4 type 1sd, 2hd, 3ssd
p5	number	ef=1:Fatigue degree, ef=2: humidity 1 sensor
p6	number	ef=2:Humidity 2 sensor
p7	number	ef=2:Humidity 3 sensor
lid	number	Line id
drid	number	Driver id
dct	number	Line direction 0 Up 1 Down
sfg	number	Site identification 0 site 1 station
snm	number	Site index
sst	number	Site status 1 site 0 station
or	number	OBD collects engine speed
os	number	OBD capture engine speed
ov	number	OBD collecting battery voltage
ojt	number	OBD collecting battery voltage
ost	number	OBD acquisition status
ojm	number	OBD capture throttle position
driSw	number	Driver swipe card timestamp
driJn	string	Driver Qualification Certificate Number
driSwStr	string	Driver swiping time
dinfo	string	Driver Information

Correctly Returns Examples

```
{
  "result": 0,
  "status":[
    {
      "id":"500000",
      "vid": null,
      "lng":113921858,
      "lat":22568745,
      "ft":0,
```

```
"sp":520,
"ol":0,
"gt":"2015-12-14 18:54:58.0",
"pt":1,
"dt":1,
"ac":1,
"fdt":0,
"net":0,
"gw":"G1",
"s1":805310851,
"s2":1280,
"s3":0,
"s4":0,
"t1":-321,
"t2":350,
"t3":-200,
"t4":0,
"hx":137,
"mlng":"113.926720",
"mlat":"22.565703",
"pk":0,
"lc":161446267,
"yl":101,
"jn":null,
"dn":null,
"ps":"113.926720,22.565703",
"abbr":null,
"adas1":null,
"adas2":null,
"aq":null,
"bsd1":null,
"bsd2":null,
"cet":null,
"ct":null,
"dct":null,
"drid":null,
"dsm1":null,
"dsm2":null,
"dst":null,
"dvt":null,
"ef":null,
"es":null,
"fl":null,
"fvs":null,
"glat":null,
"glng":null,
"hv":null,
"imei":null,
"imsi":null,
"ios":null,
"lg":null,
"lid":null,
"ls":null,
"lt":null,
"ojm":null,
"ojt":0,
"or":0,
"os":0,
"ost":0,
"ov":0,
"p1":0,
"p2":0,
"p3":0,
"p4":0,
"p5":0,
"p6":0,
"p7":0,
"p8":0,
"p9":0,
"p10":0,
"po":null,
"pss":null,
"rfd":null,
"rft":null,
"rt":null,
```

```
      "sfg":0,
      "sn":null,
      "snm":0,
      "sst":0,
      "sv":null,
      "tp":null,
      "tsp":0,
      "ust":null,
      "wc":null,
      "yn":null
    }
  ]
}
```

Map Example

(1)URL

http://188.225.80.18:8088/808gps/open/map/vehicleMap.html?account=cmsv6&password=cmsv6&devIdno=500000

(2)Param Desc

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	No	No	After user login returning jsession If it is empty, it is determined that the account and password.
account	string	No	No	Account If jsession is empty, it is determined that the account and password. If user name and password is empty, it is judged background configuration username and password.
password	string	No	No	Password
devIdno	string	No	No	Device No. If it is empty, it is determined that the vehiIdno.
vehiIdno	string	No	No	Plate Number If the devIdno is empty, it is judged that the vehiIdno.
lang	string	No	zh	Language Settings en means English, otherwise Chinese.

Interface Desc And Error Code

Get Device Track

URL

http://188.225.80.18:8088/StandardApiAction_queryTrackDetail.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	Yes	No	Device No.
begintime	string	Yes	No	Start Time
endtime	string	Yes	No	End Time Start time is not greater than the end time The Query Time Shall Not Exceed 31 Days
distance	number	No	No	Distance Unit: KM.
parkTime	number	No	No	Parking Time Unit: sec.
geoaddress	number	No	No	Analysis of geographical position 1 provides resolution geographic location services If you don't pass it, don't analysis the location
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

				Map Coordinates Conversion
toMap	number	No	No	1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates

Request Example

http://188.225.80.18:8088/StandardApiAction_queryTrackDetail.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&devIdno=500000&begintime=2015-12-25 00:00:00&endtime=2015-12-30 23:59:59&distance=0&parkTime=0&currentPage=1&pageRecords=50&toMap=1

Return Param Desc

Param Name	Param Type	Desc
tracks	Array	Track Detail Details See also:Get Device Status(GPS)Return Param Desc
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
  "tracks":[
    {
      "id":"500000",
      "lng":113921858,
      "lat":22568745,
      "ft":0,
      "sp":520,
      "ol":null,
      "gt":"2015-12-14 18:54:58.0",
      "pt":1,
      "dt":1,
      "ac":1,
      "fdt":0,
      "net":0,
      "gw":"G1",
      "s1":805310851,
      "s2":1280,
      "s3":0,
      "s4":0,
      "t1":-321,
      "t2":350,
      "t3":-200,
      "t4":0,
      "hx":137,
      "mlng":"113.926720",
      "mlat":"22.565703",
      "pk":0,
      "lc":161446267,
      "yl":101
    }
  ],
  "pagination":
    {
      "totalPages": 42,
      "currentPage": 1,
      "pageRecords": 50,
      "totalRecords": 2078,
      "sortParams": null,
      "hasNextPage": true,
      "hasPreviousPage": false,
      "nextPage": 2,
      "previousPage": 1,
      "startRecord": 0
    }
}
```

Map Example

(1)URL

http://188.225.80.18:8088/808gps/open/trackReplay/Track.html?vehiIdno=500000&jsession=1bd49f53-8e49-4cad-972c-bf48cc4b3c83&begintime=2018-08-23 00:00:00&endtime=2018-08-23 23:59:59

(2)Param Desc

Param Name	Param Type	Whether Must	Defaults	Desc

jsession	string	Yes	No	After user login returning jsession If it is empty, it is determined that the account and password.
vehiIdno	string	Yes	No	Plate Number If the devIdno is empty, it is judged that the vehiIdno.
begintime	string	Yes	No	Start Time
endtime	string	Yes	No	End Time

Interface Desc And Error Code
  Get Device Alarm(Page)
URL
  http://188.225.80.18:8088/StandardApiAction_queryAlarmDetail.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	No	No	Device No. It may be more than one, in order to ',' separation. If it is empty, it is determined that the vehiIdno.
vehiIdno	string	No	No	Plate Number It may be more than one, in order to ',' separation. If the devIdno is empty, it is judged that the vehiIdno. Chinese reference, format reference
begintime	string	Yes	No	Start Time
endtime	string	Yes	No	End Time Start time is not greater than the end time, and the number of query days must not be greater than 90 days.
armType	string	Yes	No	Alarm Type In ',' split, Can't be empty.
handle	number	No	No	Handle Status 1 shows Handled, 0 shows unhandled, other query all the status.
currentPage	number	No	1	Current Page
pageRecords	number	No	10	Page Record
geoaddress	number	No	No	Analysis of geographical position 1 provides resolution geographic location services If you don't pass it, don't analysis the location
toMap	number	No	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates

Request Example
  http://188.225.80.18:8088/StandardApiAction_queryAlarmDetail.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&devIdno=500000&begintime=2015-12-25 00:00:00&endtime=2015-12-30 23:59:59&armType=2,9,11&handle=0&currentPage=1&pageRecords=50&toMap=2
Return Param Desc

Param Name	Param Type	Desc
info	number	Alarm Info
desc	string	Alarm Desc
atp	number	Alarm Type Details See also:Alarm Type Desc
did	string	Device No.
vid	string	Plate Number If you are using the devIdno query, it is null.
cid	number	Company ID
etm	number	Alarm End Time (UTC) in seconds
stm	number	Alarm Start Time (UTC) in seconds
guid	string	Alarm Unique Number

p1	number	Alarm Param 1 Details See also:Alarm Param Desc
p2	number	Alarm Param 2 Details See also:Alarm Param Desc
p3	number	Alarm Param 3 Details See also:Alarm Param Desc
p4	number	Alarm Param 4 Details See also:Alarm Param Desc
img	string	Image Info split by ;, and http path, and can be multiple image info.
hd	number	Handle Status 1 shows Handled, 0 shows unhandled.
hdu	number	Handle User Id
hdc	string	Handle Content
hdt	string	Handle Time
ss1	number	Alarm Start Status 1 Details See also:Alarm Status Desc
ss2	number	Alarm Start Status 2 Details See also:Alarm Status Desc
es1	number	Alarm End Status 1 Details See also:Alarm Status Desc
es2	number	Alarm End Status 2 Details See also:Alarm Status Desc
slng	number	Alarm Start Lng
slat	number	Alarm Start Lat
elng	number	Alarm End Lng
elat	number	Alarm End Lat
ssp	number	Alarm Start Speed Unit: km/h, you must first use divided by 10.
esp	number	Alarm End Speed Unit: km/h, you must first use divided by 10.
slc	number	Alarm Start Mileage Unit: m.
elc	number	Alarm End Mileage Unit: m.
smlng	string	Alarm Start Map Lng Get the lng through the conversion
smlat	string	Alarm Start Map Lat Get the lat through the conversion
emlng	string	Alarm End Map Lng Get the lng through the conversion
emlat	string	Alarm End Map Lat Get the lat through the conversion
sps	string	Alarm start location The geographic location after analysis or (alarm start map longitude, alarm start map latitude)
eps	string	Alarm end location The geographic location after the analysis (or the end of the map, the longitude of the alarm, the latitude of the end of the map)
createtime	string	Update time
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
  "alarms":[
    {
      "info": 0,
      "desc":"",
      "atp":11,
      "did":"500000",
      "vid":null,
      "cid":1,
      "etm":1451374197000,
      "stm":1451374197000,
      "guid":"500000EB9B109898F74ADCB1B4446B9FFD2",
      "p1":12000,
      "p2":6000,
      "p3":10000,
```

```
      "p4":0,
      "img":"",
      "hd":1,
      "hdu":"cmsv6",
      "hdc":"vcxvcvcxv",
      "hdt":"2015-12-29 16:50:50",
      "ss1":805327235,
      "ss2":0,
      "es1":805327235,
      "es2":0,
      "slng":113850504,
      "slat":22628389,
      "elng":113850504,
      "elat":22628389,
      "ssp":990,
      "esp":990,
      "slc":164338463,
      "elc":164338463,
      "smlng":"113.861938",
      "smlat":"22.631491",
      "emlng":"113.861938",
      "emlat":"22.631491",
      "sps":"113.861938,22.631491",
      "eps":"113.861938,22.631491",
      "createtime":"2020-08-08 16:50:50"
    }
  ],
  "pagination":
    {
      "totalPages": 42
      "currentPage": 1
      "pageRecords": 50
      "totalRecords": 2078
      "sortParams": null
      "hasNextPage": true
      "hasPreviousPage": false
      "nextPage": 2
      "previousPage": 1
      "startRecord": 0
    }
}
```

Interface Desc And Error Code

Acquiring device real time alarm

The vehicle must be online to operate

URL

http://188.225.80.18:8088/StandardApiAction_vehicleAlarm.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
DevIDNO	string	No	No	Device No.
toMap	number	No	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates

Request Example

http://188.225.80.18:8088/StandardApiAction_vehicleAlarm.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&DevIDNO=500000&toMap=2

Return Param Desc

Param Name	Param Type	Desc
info	number	Alarm Info
guid	string	Alarm Unique Number
desc	string	Alarm Desc
type	number	Alarm Type Details See also:Alarm Type Desc
DevIDNO	string	Device No.

hd	number	Handle Status 1 shows Handled, 0 shows unhandled.
img	string	Image Info split by ;, and http path, and can be multiple image info.
p1	number	Alarm Param 1 Details See also:Alarm Param Desc
p2	number	Alarm Param 2 Details See also:Alarm Param Desc
p3	number	Alarm Param 3 Details See also:Alarm Param Desc
p4	number	Alarm Param 4 Details See also:Alarm Param Desc
lng	number	Lng If the device location is invalid, the value of 0. For example: 113231258, the true value is 113.231258
lat	number	Lat If the device location is invalid, the value of 0. For example: 39231258, the true value is 39.231258
sp	number	Speed Unit: km/h, you must first use divided by 10.
pk	number	Parking Time Unit: sec.
net	number	Network Type 0 means 3G, 1 means WIFI, 2 means wired, 3 means 4G, 4 means 5G.
mlng	string	Map Lng Get the lng through the conversion
mlat	string	Map Lat Get the lat through the conversion
s1	number	Status 1 Details See also:Device Status Desc
s2	number	Status 2 Details See also:Device Status Desc
s3	number	Status 3 Details See also:Device Status Desc
s4	number	Status 4 Details See also:Device Status Desc
t1	number	Temp Sensor 1
t2	number	Temp Sensor 2
t3	number	Temp Sensor 3
t4	number	Temp Sensor 4
lc	number	mileage Unit: m.
hx	number	Direction North direction is 0 degrees, clockwise increases, the maximum value of 360 degrees.
gt	string	GPS Upload Time
yl	number	Fuel Unit: L, you must first use divided by 100.
srcAt	number	Type of source alarm
srcTm	string	Source alarm time
stType	number	Type of source alarm started The alarm is used when the start and end alarm types are used
time	string	Alarm time
dct	number	Bus use, 0 uplink, 1 down
lid	number	Bus use, Line number
sfg	number	Bus use, Site sign 0- site 1- station yard
snm	number	Bus use, Site index
tsp	number	Bus use, Site status 0- station 1- next stop
sst	number	Speed of traveling data recorder

Correctly Returns Examples

```
{
  "result": 0,
  "alarmlist":[
    {
      "DevIDNO":500000,
      "desc":"",
      "guid":"C0C580F6E5094FDF8710289627676075",
      "hd":0,
```

```
        "img":"",
        "info":0,
        "p1":0,
        "p2":0,
        "p3":0,
        "p4":0,
        "rve":0,
        "srcAt":0,
        "srcTm":"2000-00-00 00:00:00",
        "stType":0,
        "type":48,
        "time":2017-10-24 18:20:48,
        "Gps":{
            "dct":0,
            "gt":"2017-10-24 18:20:48",
            "hx":71,
            "lat":22649633,
            "lc":7503761,
            "lid":4,
            "lng":113827278,
            "mlat":"22.652409",
            "mlng":"113.838835",
            "net":0,
            "pk":0,
            "s1":805310851,
            "s2":0,
            "s3":0,
            "s4":0,
            "sfg":0,
            "snm":0,
            "sp":540,
            "sst":0,
            "t1":-321,
            "t2":350,
            "t3":-200,
            "t4":0,
            "tsp":0,
            "yl":10644
        }
    }
    ]
}
```

Interface Desc And Error Code
  Vehicle Mileage,Only on alternate days mileage can be queried
URL
  http://188.225.80.18:8088/StandardApiAction_runMileage.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehiIdno	string	No	No	Plate Number It may be more than one, in order to ',' separation. Chinese reference, format reference
begintime	string	Yes	No	Start Time Start time is not greater than the end time
endtime	string	Yes	No	End Time
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example
  http://188.225.80.18:8088/StandardApiAction_runMileage.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&vehiIdno=500000&begintime=2018-3-25&endtime=2018-3-30&currentPage=1&pageRecords=50
Return Param Desc

Param Name	Param Type	Desc
mile	number	mileage Unit: m.
vehIdno	string	Plate Number
vehiId	number	Vehicle ID
sTimeStr	string	Time Online
eTimeStr	string	Offline Time
ttime	number	Online Time(Sec)

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {,
      "vehIdno":50000,
      "mile":161446267,
      "vehiId":1,
      "sTimeStr":2024-06-05 00:00:13,
      "eTimeStr":2024-06-06 23:59:49,
      "ttime":172347
    }
  ],
  "pagination":
    {
      "totalPages": 1
      "currentPage": 1
      "pageRecords": 50
      "totalRecords": 1
      "sortParams": null
      "hasNextPage": false
      "hasPreviousPage": false
      "nextPage": 1
      "previousPage": 1
      "startRecord": 0
    }
}
```

Interface Desc And Error Code

Vehicle Parked

URL

http://188.225.80.18:8088/StandardApiAction_parkDetail.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehiIdno	string	No	No	Plate Number It may be more than one, in order to ',' separation. Chinese reference, format reference
begintime	string	Yes	No	Start Time Start time is not greater than the end time
endtime	string	Yes	No	End Time
parkTime	string	Yes	No	Parking Time Unit: sec.
toMap	number	Yes	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates
geoaddress	number	No	No	Analysis of geographical position 1 provides resolution geographic location services If you don't pass it, don't analysis the location
currentPage	number	No	No	Current Page If empty, no paging.

pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_parkDetail.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&vehiIdno=500000&begintime=2018-3-25 00:00:00&endtime=2018-3-30 23:59:59&parkTime=0&toMap=2&currentPage=1&pageRecords=50

Return Param Desc

Param Name	Param Type	Desc
vehiIdno	string	Plate Number
companyName	string	Company Name
alarmTotalTime	number	Parking Time Unit: sec.
startPosition	string	Geographical Position
armTimeStart	number	Start Time(millisecond)
armTimeEnd	number	End Time(millisecond)

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "guid":"E41DED6D027E47879AE11C8E0AD977B0",
      "vehIdno":50000,
      "companyName":"test",
      "startPosition":"Sinopec Xinqiao Gas Station, No.184, Guangshen Road, Shajing Street, Baoan District, Shenzhen City, Guangdong Province",
      "armTimeStart":1522393426000,
      "armTimeEnd":1522393984000,
      "alarmTotalTime":558
    }
  ],
  "pagination":
    {
      "totalPages": 1
      "currentPage": 1
      "pageRecords": 50
      "totalRecords": 1
      "sortParams": null
      "hasNextPage": false
      "hasPreviousPage": false
      "nextPage": 1
      "previousPage": 1
      "startRecord": 0
    }
}
```

Interface Desc And Error Code

Vehicle Latest Location

URL

http://188.225.80.18:8088/StandardApiAction_vehicleStatus.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehiIdno	string	No	No	Plate Number It may be more than one, in order to ',' separation. Chinese reference, format reference
toMap	number	No	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates
geoaddress	number	No	No	Analysis of geographical position 1 provides resolution geographic location services If you don't pass it, don't analysis the location

currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_vehicleStatus.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&vehildno=500000&toMap=2&currentPage=1&pageRecords=50&geoaddress=0

Return Param Desc

Param Name	Param Type	Desc
vi	string	Plate Number
tm	number	Start Time(millisecond)
jd	number	Lng
wd	number	Lat
pos	string	Geographical Position

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {,
      "vi":50000,
      "tm":1523609431000,
      "jd":113873128,
      "wd":22618579,
      "pos":"Pingluanshan Park, Jinghong Kong-Macao Expressway, Xixiang Street, Baoan District, Shenzhen City, Guangdong Province"
    }
  ],
  "pagination":
    {
      "totalPages": 1
      "currentPage": 1
      "pageRecords": 50
      "totalRecords": 1
      "sortParams": null
      "hasNextPage": false
      "hasPreviousPage": false
      "nextPage": 1
      "previousPage": 1
      "startRecord": 0
    }
}
```

Vehicle Location List

(1)URL

http://188.225.80.18:8088/808gps/open/vehicleStatus.html?userSession=1bd49f53-8e49-4cad-972c-bf48cc4b3c83&vehildno=50000

(2)Param Desc

Param Name	Param Type	Whether Must	Defaults	Desc
userSession	string	No	No	After user login returning jsession If it is empty, it is determined that the account and password.
vehildno	string	No	No	Plate Number It may be more than one, in order to ',' separation.

Interface Desc And Error Code

Mileage Details Report

URL

http://188.225.80.18:8088/StandardApiAction_getOilTrackDetail.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
begintime	string	Yes	No	Start Time
endtime	string	Yes	No	End Time Start time is not greater than the end

				time
vehiIdno	string	No	No	Plate Number It may be more than one, in order to ',' separation.
toMap	number	No	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates
byOil	number	No	No	Query Type, 1-Fuel Volume Details Report Others - Mileage Details Report
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_getOilTrackDetail.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&vehiIdno=1111111&begintime=2020-05-18 00:00:00&endtime=2020-06-17 23:59:59&toMap=2&currentPage=1&pageRecords=10

Return Param Desc

Param Name	Param Type	Desc
vehiIdno	string	Plate Number
companyName	string	Company Name
plateType	number	Plate Type
bTimeStr	number	Start Time
eTimeStr	number	End Time
liCheng	number	Total mileage, unit: m
youLiang	number	Total fuel consumption, 100=1 litre
startPosition	string	Start position
endPosition	string	End position
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
    "pagination": {
    "endRecord": 0,
    "pagin": null,
    "totalPages": 1,
    "hasPreviousPage": false,
    "sortParams": null,
    "currentPage": 1,
     "pageRecords": 10,
    "totalRecords": 1,
    "startRecord": 0,
    "page": false,
    "previousPage": 1,
    "nextPage": 1,
    "directQuery": false,
    "hasNextPage": false,
     "primaryKey": "id"
    },
    "infos": [
        {
          "companyName":"xxx",
          "vehiIdno":"A205050500001",
          "liCheng":0,
          "youLiang":0,
          "startPosition":"489 meters south of Phoenix Police Station, G 107(Guangshen Highway), Baoan District, Shenzhen City, Guangdong Province",
          "endPosition":"489 meters south of Phoenix Police Station, G 107(Guangshen Highway), Baoan District, Shenzhen City, Guangdong Province",
          "eTimeStr":"2022-04-13 23:59:30",
          "bTimeStr":"2022-04-12 00:00:02",
          "vehiCount":null,
          "clockCount":null,
          "noGps":null,
          "startGaoDu":null,
          "liChengLong":0,
          "driftRate":null,
          "date":null,
          "uploadWifiLiuLiang":null,
```

```
            "downWifiLiuLiang":null,
            "uploadSimLiuLiang":null,
            "gpsDriftLicheng":null,
            "runStopType":null,
            "downSimLiuLiang":null,
            "dateI":null,
            "startTime":1649692802853,
            "haulDistanceDistributed":null,
            "noPhoto":null,
            "runStop":null,
            "endTime":1649865570253,
            "companyId":null,
            "workTime":null,
            "vehiId":null,
            "driver":null,
            "industryType":null,
            "plateType":1,
            "speedLimit":null,
            "endTimeStr":null,
            "startTimeStr":null,
            "driverId":null,
            "startLiCheng":105600,
            "endLiCheng":105600,
            "areaSpeedLimit":null,
            "drivingAlarmSum":null,
            "gpsDateStr":null,
            "trackDisconNum":null,
            "posPassRate":null,
            "onlineVehiCount":null,
            "endYouLiang":0,
            "startYouLiang":0,
            "addYouLiang":0,
            "hundredYouLiang":0.0,
            "reduceYouLiang":0,
            "endGaoDu":null,
            "gpsDate":null,
            "alarmSum":null,
            "did":null,
            "gpsLatLngErrNum":null,
            "gpsTotal":null,
            "trackGPSLiCheng":null,
            "gpsSpeedErrNum":null,
            "gpsUnlocatedNum":null,
            "gpsDriftNum":null,
            "startWeiDu":22692464,
            "startJingDu":113828043,
            "endJingDu":113828043,
            "onlineStatus":null,
            "endWeiDu":22692464,
            "enterNetwork":null,
            "integrityRate":null,
            "vehiName":null,
            "gpsAltitudeErrNum":null,
            "gpsDirectionErrNum":null,
            "trackDisconLiCheng":null,
            "qualifiedGpsTotal":null
        },
    ]

}
```

Interface Desc And Error Code
  Detailed information of access area
URL
  http://188.225.80.18:8088/StandardApiAction_queryAccessAreaInfo.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehiIdno	string	Yes	No	Plate Number It may be more than one, in order to ',' separation. Chinese reference, format reference
begintime	string	Yes	No	Start Time Start time is not greater than the end time
endtime	string	Yes	No	End Time
toMap	number	No	2	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_queryAccessAreaInfo.action?jsession=dd8575726c6244e28fe796924907080a&vehiIdno=10001&begintime=2023-2-14 00:00:00&endtime=2023-2-14 23:59:59&toMap=2&currentPage=1&pageRecords=5

Return Param Desc

Param Name	Param Type	Desc
vehicle	string	Plate Number
gpsTime	number	Positioning time
lat	string	Lat
lon	string	Lng
customArea	string	Area Name
passType	number	In and out status (in: 1, out: 2)

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "vehicle":"10001",
      "gpsTime":1676346074000,
      "lat":"22.638488",
      "lon":"113.853973",
      "customArea":"xi an distribution point",
      "passType":2
    }
  ],
  "pagination":
    {
      "totalPages": 1,
      "currentPage": 1,
      "pageRecords": 50,
      "totalRecords": 1,
      "sortParams": null,
      "hasNextPage": false,
      "hasPreviousPage": false,
      "nextPage": 1,
      "previousPage": 1,
      "startRecord": 0,
      "page": false,
      "endRecord": 5,
      "rp": null,
      "primaryKey": "id",
      "directQuery": false,
      "pagin": null,
      "qtype": null
    }
}
```

Video Business

Interface Desc And Error Code

Init Video Plug

(1)File path description, download all the reference files below, and place them in the same folder according to the example path

```
├── js
│   └── cmsv6player.min.js
```

(2)cmsv6player

`<script src="http://188.225.80.18:8088/808gps/open/player/cmsv6player.min.js"></script>`

(3)wasm file location

libcmsv6decode.wasm needs to be placed in the web root directory

(4)Prepare HTML code

`<div id="cmsv6flash"></div>`

(5)JavaScript Code

See Also:Reference JavaScript Code

Reference File

File	Caption
http://188.225.80.18:8088/808gps/open/player/js/cmsv6player.min.js	Video plug-in calls require JavaScript file
http://188.225.80.18:8088/libcmsv6decode.wasm	Video plug-in calls require JavaScript file

Call Method

(1)Video widget init method var swfobject = new Cmsv6Player(option)：

Param Name	Param Type	Whether Must	Defaults	Desc
domId	string	Yes	No	Page HTML tag id Usually cmsv6flash.
isVodMode	number	Yes	No	For h5 player, if isVodMode is configured as true when initializing, there can be a playback toolbar and drag operation can be performed. The h5 player can also support multi-channel synchronous playback startVodM(url, "0,1,2,3"), and the device needs to support multi-channel synchronous playback. The second parameter "0,1,2,3" Indicates the playback channel
width	number	Yes	No	Video plug-width
height	number	Yes	No	Video plug-height
lang	string	No	en	Language type

(3)Setting the language video widget(effective when 'playerType = flash') setLanguage(languagePath)

Param Name	Param Type	Whether Must	Defaults	Desc
languagePath	string	No	Chinese language pack: cn.xml	language package path Relative path or absolute path.

(4)Set the video plug-in the number of windows setWindowNum(windowNum)

Param Name	Param Type	Whether Must	Defaults	Desc
windowNum	number	Yes	No	The number of windows (not more than 36)

(5)Set the video plug-in server setServerInfo(ip, port)

Param Name	Param Type	Whether Must	Defaults	Desc
ip	string	Yes	No	Login server ip
port	number	Yes	No	Login server port

Operation Example

(1)Operation Example

See Also:http://188.225.80.18:8088/808gps/open/player/videoExampleH5.html?lang=en

(2)Reference JavaScript Code

```javascript
// Initialize video plugin
function initPlayerExample() {
    for (var i = 0; i < 101; i++) {
        playingStatusArray.push(false);
    }
    var _isVodMode = getValue('vodMode');
    // Assignment is initialized as incomplete
    isInitFinished = false;
    // Video plugin width
    var width = getValue('playerWidth');
    if (width == '') {
```

```
        setFocus('playerWidth');
        return;
    }
    // Video plugin height
    var hieght = getValue('playerHeight');
    if (hieght == '') {
        setFocus('playerHeight');
        return;
    }
    var strLang = getUrlParameter('lang');
    var options = {
        domId: "cmsv6flash",
        isVodMode: _isVodMode == "1" ? true : false,
        width: width,
        height: hieght,
        lang: strLang == "" ? "en" : strLang
    }
    swfobject = new Cmsv6Player(options);
    initFlash();
}

// Execute after plugin initialization is complete
function initFlash() {
    if (typeof swfobject == "undefined" ||
        typeof swfobject.setWindowNum == "undefined") {
        setTimeout(initFlash, 50);
    } else {
        // Initialize plugin language
        var language = getValue('languagePath');
        if (!language) {
            return;
        }
        swfobject.setLanguage(language);
        // First create all windows
        swfobject.setWindowNum(36);
        // Reconfigure the current number of windows
        var windowNum = getValue('windowNumber');
        if (windowNum == '') {
            setFocus('windowNumber');
            return;
        }
        swfobject.setWindowNum(windowNum);
        // Set server information
        var serverIp = getValue('serverIp');
        if (!serverIp) {
            setFocus('serverIp');
            return;
        }
        var serverPort = getValue('serverPort');
        if (!serverPort) {
            setFocus('serverPort');
            return;
        }
        swfobject.setServerInfo(serverIp, serverPort);
        isInitFinished = true;
    }
}
```

Interface Desc And Error Code

Live Video(PC/mobile URL)

Can be called directly links to view live video.

Reference File

No

Call Method

Url Param Desc

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	No	No	After user login returning jsession If it is empty, it is determined that the account and password.
account	string	No	No	Account If jsession is empty, it is determined that the account and password.

				If user name and password is empty, it is judged background configuration username and password.
password	string	No	No	Password
devIdno	string	No	No	Device No. If it is empty, it is determined that the vehiIdno.
vehiIdno	string	No	No	Plate Number If the devIdno is empty, it is judged that the vehiIdno.
channel	number	No	No	The number of channels to preview the video. Maximum support 9 window Play.
stream	number	No	1	0 main stream, 1 sub stream
close	number	No	No	Video preview time, Units sec.
lang	string	No	zh	Language Settings en means English, otherwise Chinese.

Operation Example

(1)Operation Example

a.Incoming jsession and devIdno
See Also:http://188.225.80.18:8088/808gps/open/player/video.html?lang=en&devIdno=500000&jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222

b.Incoming jsession and vehiIdno
See Also:http://188.225.80.18:8088/808gps/open/player/video.html?lang=en&vehiIdno=50000000000&jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222

c.Incoming account, password and devIdno
See Also:http://188.225.80.18:8088/808gps/open/player/video.html?lang=en&devIdno=500000&&account=cmsv6&password=cmsv6

d.Incoming account, password and vehiIdno
See Also:http://188.225.80.18:8088/808gps/open/player/video.html?lang=en&vehiIdno=50000000000&account=cmsv6&password=cmsv6

e.Incoming video auto-off time
See Also:http://188.225.80.18:8088/808gps/open/player/video.html?lang=en&vehiIdno=50000000000&account=cmsv6&password=cmsv6&close=10

f.Incoming the number of preview window
See Also:http://188.225.80.18:8088/808gps/open/player/video.html?lang=en&vehiIdno=50000000000&account=cmsv6&password=cmsv6&channel=3&chns=0,1,2

Interface Desc And Error Code

Live Video(PC/mobile JS)
video live explain

Reference File

See Also:Init Video Plug （PC/mobile WEB）

Call Method

(1)Set the video window title setVideoInfo(index, title)

Param Name	Param Type	Whether Must	Defaults	Desc
index	number	Yes	No	Window Index(starting from 0)
title	string	No	No	Window Title

(2)Play Video startVideo(index, jsession, devIdno, channel, stream, true)

Param Name	Param Type	Whether Must	Defaults	Desc
index	number	Yes	No	Window Index(starting from 0)
jsession	string	Yes	No	After user login returning jsession
devIdno	string	Yes	No	Device No.
channel	number	Yes	No	Device Channel(starting from 0)
stream	number	Yes	No	Video Stream 1 represents sub-stream, 0 represents main stream.

(3)Stop Video stopVideo(index)

Param Name	Param Type	Whether Must	Defaults	Desc
index	number	Yes	No	Window Index(starting from 0)

(4)Reset Video reSetVideo(index)

Param Name	Param Type	Whether Must	Defaults	Desc

index	number	Yes	No	Window Index(starting from 0)

(5)Set the minimum buffer time of video setBufferTime(index, time)

Param Name	Param Type	Whether Must	Defaults	Desc
index	number	Yes	No	Window Index(starting from 0)
time	number	Yes	2(Unit: sec.)	It's mainly used for the adjustment of video lazy load. When the video buffers the minimum buffer time of video, then it will play the video.

(6)Set the maximum buffer time of video setBufferTimeMax(index, time)

Param Name	Param Type	Whether Must	Defaults	Desc
index	number	Yes	No	Window Index(starting from 0)
time	number	Yes	6(Unit: sec.)	It's mainly used for the adjustment of video lazy load. When the video buffers the maximum buffer time of video, then it will play the video fast-forward.

(7)Video callback event onTtxVideoMsg(index, type)

Caption In the current video JS corresponding file, add new function: function onTtxVideoMsg(index, type){}

Param Name	Param Type	Whether Must	Defaults	Desc
index	number	Yes	No	Window Index(starting from 0)
type	string	Yes	No	Event type 1. window event: select: select window, full: full screen, norm: exit full screen 2. Video play event: start: start play, paus: pause, stop: stop, play: pause or stop after the re-play, sound: open sound, silent: mute, PicSave: screenshots 3. Intercom event：startRecive,uploadRecive,loadRecive: Open intercom,upload:Talk to talk,uploadfull:Talk to talk is over,stopTalk:Turn off intercom,reciveStreamStop,reciveNetError,reciveStreamNotFound:Intercom exception (network anomaly, etc.),uploadNetClosed,uploadNetError:Connection exception 4. Listen to events：startListen:Start listening,stopListen:Stop listening,listenNetError:network anomaly,playListen:Listening,loadListen,listenStreamNotFound,listenStreamStop:Wait for request to listen

Operation Example

(1)Operation Example

See Also:http://188.225.80.18:8088/808gps/open/player/video-demo.html
http://188.225.80.18:8088/808gps/open/player/videoExampleH5.html?lang=en
http://188.225.80.18:8088/808gps/open/player/RealPlayVideo.html?account=cmsv6&password=cmsv6&PlateNum=11111&lang=en
http://188.225.80.18:8088/808gps/open/player/RealPlayVideo.html?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&PlateNum=11111&lang=en

(2)Reference JavaScript Code

```
//After the video plug-in Init is complete Calls it
//Play Video
function playVideo() {
     //Stop Video
     swfobject.getObjectById("cmsv6flash").stopVideo(0);
     //Set the video window title
     swfobject.getObjectById("cmsv6flash").setVideoInfo(0, "vehicle1-CH1");
     //Play Video
     swfobject.getObjectById("cmsv6flash").startVideo(0, "sdsd-dsad-sd-sd-ad", "123124", 0, 1, true);
}
//Stop Video
function stopVideo() {
     swfobject.getObjectById("cmsv6flash").stopVideo(0);
}
//Reset Video
function reSetVideo() {
     swfobject.getObjectById("cmsv6flash").reSetVideo(0);
}
//Video callback event
function onTtxVideoMsg(index,type) {
     if(type == "select"){  };
}
```

Interface Desc And Error Code

Real Time Video (Mobile WEB HLS live address)

video live explain

Reference File

No

Call Method

(1)Send a request to the streaming server： //stream media Ip:streaming media client service port/hls/requestType_deviceNumber_channelNumber_bitstreamType.m3u8?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222

example:http://188.225.80.18:6604/hls/1_10000_0_1.m3u8?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222

Param Name	Param Type	Whether Must	Defaults	Desc
stream media Ip	string	Yes	No	stream media Ip
streaming media client service port	string	Yes	No	streaming media client service port
requestType_deviceNumber_channelNumber_bitstreamType	string	Yes	No	request type(1 video)_equipment number_channel number_stream type (0 primary bit stream 1 bitstream) example:1_10000_0_1
JSESSIONID	string	Yes	No	Jsession

Operation Example

(1)Operation Example

<video controls preload="none" width="352" height="288" data-setup="{}"><source src="http://188.225.80.18:6604/hls/1_10000_0_1.m3u8?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222" type="application/x-mpegURL"></video>

Interface Desc And Error Code

Real Time Video (Mobile WEB HLS page)

Can be called directly links to view live video.

Reference File

No

Call Method

(1)Param Desc

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	No	No	After user login returning jsession If it is empty, it is determined that the account and password.
account	string	No	No	Account If jsession is empty, it is determined that the account and password. If user name and password is empty, it is judged background configuration username and password.
password	string	No	No	Password
devIdno	string	No	No	Device No. If it is empty, it is determined that the vehiIdno.
vehiIdno	string	No	No	Plate Number If the devIdno is empty, it is judged that the vehiIdno.
channel	number	No	No	Device Channel(starting from 0)
close	number	No	No	Video preview time, Units sec.
lang	string	No	zh	Language Settings en means English, otherwise Chinese.

Operation Example

(1)Operation Example

a.Incoming jsession and devIdno
See Also:http://188.225.80.18:8088/808gps/open/hls/index.html?lang=en&devIdno=10000&jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222

b.Incoming jsession and vehiIdno
See Also:http://188.225.80.18:8088/808gps/open/hls/index.html?lang=en&vehiIdno=10000&jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222

c.Incoming account, password and devIdno
See Also:http://188.225.80.18:8088/808gps/open/hls/index.html?lang=en&devIdno=10000&&account=cmsv6&password=cmsv6

d.Incoming account, password and vehiIdno
See Also:http://188.225.80.18:8088/808gps/open/hls/index.html?lang=en&vehiIdno=10000&account=cmsv6&password=cmsv6

e.Incoming video auto-off time
See Also:http://188.225.80.18:8088/808gps/open/hls/index.html?lang=en&vehiIdno=10000&
account=cmsv6&password=cmsv6&close=10

f.Incoming video device channel
See Also:http://188.225.80.18:8088/808gps/open/hls/index.html?lang=en&vehiIdno=10000&
account=cmsv6&password=cmsv6&channel=3

Interface Desc And Error Code
Monitor（PC/mobile JS）

Reference File
See Also:Init Video Plug（PC/mobile WEB）

Call Method
(1)Start Listening startListen(jsession, devIdno, channel)

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	After user login returning jsession
devIdno	string	Yes	No	Device No.
channel	number	Yes	No	Device Channel(starting from 0)

(2)Stop Listening stopListen()

Operation Example
(1)Operation Example

See Also:http://188.225.80.18:8088/808gps/open/player/video-demo.html
http://188.225.80.18:8088/808gps/open/player/videoExampleH5.html?lang=en
http://188.225.80.18:8088/808gps/open/player/RealPlayVideo.html?account=cmsv6&password=cmsv6&PlateNum=11111&lang=en
http://188.225.80.18:8088/808gps/open/player/RealPlayVideo.html?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&PlateNum=11111&lang=en

(2)Reference JavaScript Code

```
//After the video plug-in Init is complete Calls it
//Start Listening
function startMonitor() {
     //Start Listening
     swfobject.getObjectById("cmsv6flash").startListen("2131-23-32", "23213", 0);
}
//Stop Listening
function stopMonitor() {
     swfobject.getObjectById("cmsv6flash").stopListen();
}
```

Interface Desc And Error Code
Talkback（PC/mobile JS）
h5 player, https can talk directly; for http talk, you need to download and install the PCM audio collection tool. The h5 player judges through the onTtxVideoMsg message callback. type=isTalking means the intercom is in progress, type=showDownLoadDialog means the pcm collection tool needs to be downloaded
JavaScript Code
See Also:Reference JavaScript Code

Reference File
See Also:Init Video Plug（PC/mobile WEB）

Call Method
(1)Start Talkback startTalkback(jsession, devIdno, 0)

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	After user login returning jsession
devIdno	string	Yes	No	Device No.

(2)Stop Talkback stopTalkback()

Operation Example
(1)Operation Example

See Also:http://188.225.80.18:8088/808gps/open/player/video-demo.html
http://188.225.80.18:8088/808gps/open/player/videoExampleH5.html?lang=en
http://188.225.80.18:8088/808gps/open/player/RealPlayVideo.html?account=cmsv6&password=cmsv6&PlateNum=11111&lang=en
http://188.225.80.18:8088/808gps/open/player/RealPlayVideo.html?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&PlateNum=11111&lang=en

(2)Reference JavaScript Code

```
var jsession = getValue('liveJsession');
if (jsession == '') {
    setFocus('talkbackJsession');
```

```
    return;
}
var devIdno = getValue('talkbackDevIdno');
if (devIdno == '') {
    setFocus('talkbackDevIdno');
    return;
}
swfobject.getObjectById("cmsv6flash").setTalkParam(1);
var ret = swfobject.getObjectById("cmsv6flash").startTalkback(jsession, devIdno, 0);

// The flash player is judged by the return value of startTalkback, Return 0 success, 1 means talking, 2 means no mic, 3 means mic is
disabled
// The h5 player judges through the onTtxVideoMsg message callback. type=isTalking means the intercom is in progress, type=showDownLo
adDialog means the pcm collection tool needs to be downloaded
if (ret == 0) {
    } else if (ret == 1) {
    } else if (ret == 2) {
        alert(lang.nullMic);
    } else if (ret == 3) {
        //alert(lang.micStop);
        alert(lang.talkback_openMic);
    } else {}
}
function onTtxVideoMsg(index, type) {
// ......
    if (type == "showDownLoadDialog") {
        alert("down pcm tool");
        downPcmTool();
    } else if (type == 'isTalking') {
        alert("is talking");
    }
// ......
}
```

Interface Desc And Error Code
  RealTime Video RTSP

URL
  rtsp://188.225.80.18:6604/3/3?AVType=1&jsession=12345678&DevIDNO=60000004&Channel=0&Stream=1
Call Method
  (1)URL Request Parameter Explain

Param Name	Param Type	Whether Must	Defaults	Desc
AVType	string	Yes	No	1 means real-time video, 2 means monitoring
jsession	string	Yes	No	jsession
DevIDNO	string	Yes	No	Indicates the device number
Channel	string	Yes	No	Indicates the channel number, starting from 0
Stream	string	Yes	No	0 main stream, 1 sub stream

Operation Example
  (1)Operation Example

  rtsp://188.225.80.18:6604/3/3?AVType=1&jsession=12345678&DevIDNO=60000004&Channel=0&Stream=1

Interface Desc And Error Code
  RealTime Video RTMP(FLV)

URL
  http://188.225.80.18:6604/3/3?AVType=1&jsession=CDF32EFB37E799293C2657BD804B1327&DevIDNO=60000004&Channel=0&Stream=1
Call Method
  (1)URL Request Parameter Explain

Param Name	Param Type	Whether Must	Defaults	Desc
AVType	string	Yes	No	1 means real-time video, 2 means monitoring
jsession	string	Yes	No	jsession
DevIDNO	string	Yes	No	Indicates the device number
Channel	string	Yes	No	Indicates the channel number, starting from 0

Stream	string	Yes	No	0 main stream, 1 sub stream

Operation Example

(1)Operation Example

http://188.225.80.18:6604/3/3?AVType=1&jsession=12345678&DevIDNO=60000004&Channel=0&Stream=1

Interface Desc And Error Code

RealTime Video RTMP

URL

rtmp://188.225.80.18:6604/3/3?AVType=1&jsession=CDF32EFB37E799293C2657BD804B1327&DevIDNO=60000004&Channel=0&Stream=1

Call Method

(1)URL Request Parameter Explain

Param Name	Param Type	Whether Must	Defaults	Desc
AVType	string	Yes	No	1 means real-time video, 2 means monitoring
jsession	string	Yes	No	jsession
DevIDNO	string	Yes	No	Indicates the device number
Channel	string	Yes	No	Indicates the channel number, starting from 0
Stream	string	Yes	No	0 main stream, 1 sub stream

Operation Example

(1)Operation Example

rtmp://188.225.80.18:6604/3/3?AVType=1&jsession=12345678&DevIDNO=60000004&Channel=0&Stream=1

File related business

Interface Desc And Error Code

RealTime Video

The vehicle must be online to operate

URL

http://188.225.80.18:8088/StandardApiAction_realTimeVedio.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
DevIDNO	string	Yes	No	Device No.
Chn	string	Yes	No	Device ChannelThe channel begins with the maximum support of 15. from 0 (0 for channel 1 and 1 for channel 2). It may be more than one, in order to ',' separation.
Sec	number	Yes	No	Video length (range from 0 to 1800, 0 to stop)
Label	string	Yes	No	Label

Request Example

http://188.225.80.18:8088/StandardApiAction_realTimeVedio.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&DevIDNO=50000&Chn=1&Sec=300&Label=test

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Query Video

(1)File time across days

search for files on 20150913 such as videos that may arise in both cases
a.Return date 20150912 23:00:00 to 20150913 01:00:00 video, and day field returns value of 12;
b.Return date 20150913 23:00:00 to 20150914 01:00:00 video, and day field returns value of 13.

URL
http://188.225.80.18:8088/StandardApiAction_getVideoFileInfo.action?

HTTP Request Method
GET/POST

Input Param Desc
(1)Common Param

See Also:Common Param

(2)Private Param

a.Query Video

Param Name	Param Type	Whether Must	Defaults	Desc
DevIDNO	string	Yes	No	Device No. When the query a video on server, it means the license plate number.
LOC	number	Yes	No	Search Location 1 indicates the device, 2 denotes a storage server, 4 indicates download server.
CHN	number	Yes	No	Search Channel(starting from 0) 0 means channel 1, 1 means channel 2, -1 means all channel.
YEAR	string	Yes	No	Search Year
MON	string	Yes	No	Search Month
DAY	string	Yes	No	Search Day
RECTYPE	number	Yes	No	Record Type 0 means General, 1 means alarm, -1 means all.
FILEATTR	number	Yes	No	File Type 1 indicates an image 2 means a video.
BEG	number	Yes	No	Start Seconds The unit is second (0-86399)
END	number	Yes	No	End Seconds The unit is second (0-86399)
ARM1	number	Yes	No	Non 1078 equipment fill 0 Alarm identification 1, binary corresponding decimal integer, binary digit alarm 1 emergency alarm 2 overspeed alarm 3 fatigue driving 4 early warning 5GNSS module malfunction The 6GNSS module is not connected to or is cut off by the 7GNSS antenna short circuit 8 terminal main power supply under voltage 9 terminal main power supply power off 10 terminal LCD or display failure 11TTS module fault 12 camera failure 19, driving overtime on the same day, 20 overtime parking 21 in and out of the area 22 out of route 23 of route of import and export line / over 24 route deviation from alarm 25 vehicle VSS fault 26 vehicles oil volume abnormal 27 vehicles stolen 28 vehicles illegal ignition 29 vehicles illegal displacement 30 collision rollover alarm
ARM2	number	Yes	No	Non 1078 equipment fill 0 Alarm identification 2, binary corresponding decimal integer, binary digit alarm, 1 video signal loss alarm, 2 video signal occlusion alarm, 3 memory unit failure alarm .4 other video equipment fault alarm 5 bus overcrowding alarm 6 alarm abnormal driving behavior7 special alarm video to store threshold alarm

				Non 1078 equipment fill 0
RES	number	Yes	No	Media type 0: audio and video, 1: audio, 2: video, 3: video or audio and video
STREAM	number	Yes	No	Non 1078 equipment fill 0 Stream type -1: master or sub stream, 0: master stream, 1: sub stream
STORE	number	Yes	No	Non 1078 equipment fill 0 The main storage type 0: or 1: backup memory, main memory, 2: memory backup
LABEL	string	No	No	Label

Request Example

http://188.225.80.18:8088/StandardApiAction_getVideoFileInfo.action?DevIDNO=500000&LOC=2&CHN=0&YEAR=2014&MON=12&DAY=10&RECTYPE=-1&FILEATTR=2&BEG=0&END=86399&ARM1=0&ARM2=0&RES=0&STREAM=0&STORE=0&jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

Return Param Desc

a.Query Video

Param Name	Param Type	Desc
result	string	Return Code 0 means success, the other means failure.
devIdno	string	Device No. When the query a video on server, it means the license plate number.
chnMask	number	Channel Mask When a file is stored in the video contains more than one channel is active, and bitwise representation, the first 0 indicates the video file contains video channel 1, and so on.First determine chnMask, if chnMask = 0, then resolve chn.
chn	number	Device Channel(starting from 0) 0 means channel 1, and 1 means channel 2.
beg	number	File Start Time Unit: sec., as 3600 = 1:00.
end	number	File End Time Unit: sec., as 7200 = 2:00, end time may be greater than 86400, this represents a time span of days.
year	number	Year We must first use add 2000.
mon	number	Month
day	number	Day
mulPlay	number	When mulPlay>0, multi-channel video playback can be performed
mulChn	number	If mulChn is not 0, display the channel information obtained by mulChn bitwise value, if mulChn is 0, it is necessary to determine which channels have recording information in the current time period.
file	string	File Name
len	number	File Size(Unit byte)
loc	number	File Location 1 indicates the device, 2 denotes a storage server, 4 indicates download server.
type	number	Record Type 0 means General, 1 means alarm.
recing	number	Are Recording 0 means no Recording, 1 means is recording.
svr	number	Server ID Effective when recording on the storage server and download server.
arm	string	Alarm Info Effective when the alarm recording. loc == 1, bit0: emergency button alarm, bit1: overspeed alarm, bit2: low speed alarm, bit3: vibration alarm, bit4: temperature alarm, bit5: motion detection alarm, bit6: UPS thread cutting alarm , bit7: collision rollover alarm, bit8: fatigue driving alarm, bit9: IO_1, bit10: IO_2, bit11: IO_3, bit12: IO_4, bit13: IO_5, bit14: IO_6, bit15: IO_7, bit16: IO_8; loc != 1, the value of (arm & 0xFFFF). 2: Emergency button alarm, 11: Overspeed alarm, 3: Vibration alarm, 9: Temperature alarm, 15: Motion

		detection alarm, 49: Fatigue driving alarm, 19: IO_1, 20: IO_2, 21: IO_3, 22: IO_4, 23:IO_5,24:IO_6,25:IO_7,26:IO_8;
arm1	number	1078 device return Alarm identification 1, binary corresponding decimal integer, binary digit alarm 1 emergency alarm 2 overspeed alarm 3 fatigue driving 4 early warning 5GNSS module malfunction The 6GNSS module is not connected to or is cut off by the 7GNSS antenna short circuit 8 terminal main power supply under voltage 9 terminal main power supply power off 10 terminal LCD or display failure 11TTS module fault 12 camera failure 19, driving overtime on the same day, 20 overtime parking 21 in and out of the area 22 out of route 23 of route of import and export line / over 24 route deviation from alarm 25 vehicle VSS fault 26 vehicles oil volume abnormal 27 vehicles stolen 28 vehicles illegal ignition 29 vehicles illegal displacement 30 collision rollover alarm
arm2	number	1078 device return Alarm identification 2, binary corresponding decimal integer, binary digit alarm, 1 video signal loss alarm, 2 video signal occlusion alarm, 3 memory unit failure alarm .4 other video equipment fault alarm 5 bus overcrowding alarm 6 alarm abnormal driving behavior7 special alarm video to store threshold alarm
res	number	1078 device return Media type 0: audio and video, 1: audio, 2: video, 3: video or audio and video
streamtype	number	Stream type -1: master or sub stream, 0: master stream, 1: sub stream
stream	number	If it is 1, the file can not be downloaded, and can only be downloaded in segments
store	number	1078 device return The main storage type 0: or 1: backup memory, main memory, 2: memory backup
mediaType	number	Multimedia Type 0 Means Picture, 1 Means Video
sourceId	number	When valid for download from the device, it indicates the ID in the corresponding task table
label	string	Label
DownTaskUrl	string	Segment DownloadURL,Server Video Returns Empty,User Required Parameters：jsession(Required)sbtm(Default Start Time)setm(Default End Time)lab(Default Is Empty)
DownUrl	string	Direct downloadURL,1078 Device Returns Empty,User Required Parameters：jsession(Required)SAVENAME(Required)
PlaybackUrl	string	Remote playbackURL,User Required Parameters：jsession(Required)PLAYBEG(Default Start Time)PLAYEND(Default End Time)
PlaybackUrlWs	string	Remote playbackWebsocket URLWith PlaybackUrlWs, PlaybackUrlWs is preferred. PlaybackUrlWs does not support flash,User Required Parameters：jsession(Required)PLAYBEG(Default Start Time)PLAYEND(Default End Time)

Correctly Returns Examples

```
a.Query Video
{
  "result": 0,
  "cmsserver":1,
  "files":[
    {
```

```
      "arm": 0
      "beg": 31044
      "chn": 1
      "chnMask": 0
      "day": 11
      "devIdno": "500000"
      "end": 32842
      "file": "H20100628-083724P2N2P0.264"
      "len": 23211837
      "loc": 1
      "mon": 1
      "mulChn": 0
      "mulPlay": 0
      "recing": 0
      "svr": 0
      "type": 0
      "year": 10
      "mediaType": 1
      "sourceId": 1
      "label": ""
      "DownTaskUrl": "http://localhost:8080/StandardApiAction_addDownloadTask.action?jsession=&did=1235&fbtm=2010-09-04 08:37:24&fetm
=2010-09-04 09:07:22&sbtm=2010-09-04 08:37:24&setm=2010-09-04 09:07:22&lab=&fph=H20100628-083724P2N2P0.264&vtp=0&len=23211837&chn=1&d
tp=1"
      "DownUrl": "http://localhost:6604/3/5?DownType=3&jsession=&DevIDNO=1235&FLENGTH=23211837&FOFFSET=0&MTYPE=1&FPATH=H20100628-0837
24P2N2P0.264&SAVENAME="
      "PlaybackUrl": "http://localhost:6604/3/5?DownType=5&&jsession=DevIDNO=1235&FILELOC=1&FILESVR=0&FILECHN=1&FILEBEG=31044&FILEEND
=32842&PLAYIFRM=0&PLAYFILE=H20100628-083724P2N2P0.264&PLAYBEG=31044&PLAYEND=32842&PLAYCHN=0"
      "PlaybackUrlWs": "ws://localhost:6604/3/5?DownType=5&&jsession=DevIDNO=1235&FILELOC=1&FILESVR=0&FILECHN=1&FILEBEG=31044&FILEEND
=32842&PLAYIFRM=0&PLAYFILE=H20100628-083724P2N2P0.264&PLAYBEG=31044&PLAYEND=32842&PLAYCHN=0"
    }
  ]
}
b. 1078Query Video
{
  "result": 0,
  "cmsserver":1,
  "files":[
    {
      "arm": 0
      "arm1": 0
      "arm2": 0
      "beg": 31044
      "chn": 1
      "chnMask": 0
      "day": 11
      "mulChn": 0
      "mulPlay": 0
      "devIdno": "500000"
      "end": 32842
      "file": "H20100628-083724P2N2P0.264"
      "len": 23211837
      "loc": 1
      "mon": 1
      "recing": 0
      "res": 0
      "store": 0
      "stream": -1
      "svr": 0
      "type": 0
      "year": 10
      "mediaType": 1
      "sourceId": 1
      "label": ""
      "DownTaskUrl": "http://localhost:8080/StandardApiAction_addDownloadTask.action?jsession=&did=1235&fbtm=2010-09-04 08:37:24&fetm
=2010-09-04 09:07:22&sbtm=2010-09-04 08:37:24&setm=2010-09-04 09:07:22&lab=&fph=H20100628-083724P2N2P0.264&vtp=0&len=23211837&chn=1&d
tp=1"
      "DownUrl": ""
      "PlaybackUrl": "http://localhost:6604/3/5?DownType=5&jsession=&DevIDNO=1235&FILELOC=1&FILESVR=0&FILECHN=1&FILEBEG=31044&FILEEND
=32842&PLAYIFRM=0&PLAYFILE=H20100628-083724P2N2P0.264&PLAYBEG=31044&PLAYEND=32842&PLAYCHN=0"
      "PlaybackUrlWs": "ws://localhost:6604/3/5?DownType=5&&jsession=DevIDNO=1235&FILELOC=1&FILESVR=0&FILECHN=1&FILEBEG=31044&FILEEND
=32842&PLAYIFRM=0&PLAYFILE=H20100628-083724P2N2P0.264&PLAYBEG=31044&PLAYEND=32842&PLAYCHN=0"
    }
  ]
}
```

Interface Desc And Error Code

Query Video（Cross Day）

Notice:

Only 1078 device support cross-day queries

URL

http://188.225.80.18:8088/StandardApiAction_getVideoHistoryFile.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

a.Query Video（Cross Day）

Param Name	Param Type	Whether Must	Defaults	Desc
DevIDNO	string	Yes	No	Device No. When the query a video on server, it means the license plate number.
LOC	number	Yes	No	Search Location 1 indicates the device, 2 denotes a storage server, 4 indicates download server.
CHN	number	Yes	No	Search Channel(starting from 0) 0 means channel 1, 1 means channel 2, -1 means all channel.
YEAR	string	Yes	No	Search Year
MON	string	Yes	No	Search Month
DAY	string	Yes	No	Search Day
RECTYPE	number	Yes	No	Record Type 0 means General, 1 means alarm, -1 means all.
FILEATTR	number	Yes	No	File Type 1 indicates an image 2 means a video.
BEG	number	Yes	No	Start Seconds The unit is second (0-86399)
END	number	Yes	No	End Seconds The unit is second (0-86399)
ARM1	number	Yes	No	Non 1078 equipment fill 0 Alarm identification 1, binary corresponding decimal integer, binary digit alarm 1 emergency alarm 2 overspeed alarm 3 fatigue driving 4 early warning 5GNSS module malfunction The 6GNSS module is not connected to or is cut off by the 7GNSS antenna short circuit 8 terminal main power supply under voltage 9 terminal main power supply power off 10 terminal LCD or display failure 11TTS module fault 12 camera failure 19, driving overtime on the same day, 20 overtime parking 21 in and out of the area 22 out of route 23 of route of import and export line / over 24 route deviation from alarm 25 vehicle VSS fault 26 vehicles oil volume abnormal 27 vehicles stolen 28 vehicles illegal ignition 29 vehicles illegal displacement 30 collision rollover alarm
ARM2	number	Yes	No	Non 1078 equipment fill 0 Alarm identification 2, binary corresponding decimal integer, binary digit alarm, 1 video signal loss alarm, 2 video

				signal occlusion alarm, 3 memory unit failure alarm .4 other video equipment fault alarm 5 bus overcrowding alarm 6 alarm abnormal driving behavior7 special alarm video to store threshold alarm
RES	number	Yes	No	Non 1078 equipment fill 0 Media type 0: audio and video, 1: audio, 2: video, 3: video or audio and video
STREAM	number	Yes	No	Non 1078 equipment fill 0 Stream type -1: master or sub stream, 0: master stream, 1: sub stream
STORE	number	Yes	No	Non 1078 equipment fill 0 The main storage type 0: or 1: backup memory, main memory, 2: memory backup
LABEL	string	No	No	Label
YEARE	string	No	No	Search End Year Yeare, mone, and daye are not empty, and the query is made across the day
MONE	string	No	No	Search End Month Yeare, mone, and daye are not empty, and the query is made across the day
DAYE	string	No	No	Search End Day Yeare, mone, and daye are not empty, and the query is made across the day

Request Example

http://188.225.80.18:8088/StandardApiAction_getVideoHistoryFile.action?DevIDNO=500000&LOC=2&CHN=0&YEAR=2014&MON=12&DAY=10&RECTYPE=-1&FILEATTR=2&BEG=0&END=86399&ARM1=0&ARM2=0&RES=0&STREAM=0&STORE=0&YEARE=2014&MONE=12&DAYE=13&jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

Return Param Desc

a.Query Video

Param Name	Param Type	Desc
result	string	Return Code 0 means success, the other means failure.
devIdno	string	Device No. When the query a video on server, it means the license plate number.
chnMask	number	Channel Mask When a file is stored in the video contains more than one channel is active, and bitwise representation, the first 0 indicates the video file contains video channel 1, and so on.First determine chnMask, if chnMask = 0, then resolve chn.
chn	number	Device Channel(starting from 0) 0 means channel 1, and 1 means channel 2.
beg	number	File Start Time Unit: sec., as 3600 = 1:00.
end	number	File End Time Unit: sec., as 7200 = 2:00, end time may be greater than 86400, this represents a time span of days.
year	number	Year We must first use add 2000.
mon	number	Month
day	number	Day
mulPlay	number	When mulPlay>0, multi-channel video playback can be performed
mulChn	number	If mulChn is not 0, display the channel information obtained by mulChn bitwise value, if mulChn is 0, it is necessary to determine which channels have recording information in the current time period.
file	string	File Name
len	number	File Size(Unit byte)
loc	number	File Location 1 indicates the device, 2 denotes a storage server, 4 indicates download server.
type	number	Record Type 0 means General, 1 means alarm.
recing	number	Are Recording 0 means no Recording, 1 means is recording.

svr	number	Server ID Effective when recording on the storage server and download server.

arm	string	Alarm Info
		Effective when the alarm recording.
		loc == 1, bit0: emergency button alarm, bit1: overspeed alarm, bit2: low speed alarm, bit3: vibration alarm, bit4: temperature alarm, bit5: motion detection alarm, bit6: UPS thread cutting alarm , bit7: collision rollover alarm, bit8: fatigue driving alarm, bit9: IO_1, bit10: IO_2, bit11: IO_3, bit12: IO_4, bit13: IO_5, bit14: IO_6, bit15: IO_7, bit16: IO_8;
		loc != 1, the value of (arm & 0xFFFF). 2: Emergency button alarm, 11: Overspeed alarm, 3: Vibration alarm, 9: Temperature alarm, 15: Motion detection alarm, 49: Fatigue driving alarm, 19: IO_1, 20: IO_2, 21: IO_3, 22: IO_4, 23:IO_5,24:IO_6,25:IO_7,26:IO_8;

arm1	number	1078 device return Alarm identification 1, binary corresponding decimal integer, binary digit alarm 1 emergency alarm 2 overspeed alarm 3 fatigue driving 4 early warning 5GNSS module malfunction The 6GNSS module is not connected to or is cut off by the 7GNSS antenna short circuit 8 terminal main power supply under voltage 9 terminal main power supply power off 10 terminal LCD or display failure 11TTS module fault 12 camera failure 19, driving overtime on the same day, 20 overtime parking 21 in and out of the area 22 out of route 23 of route of import and export line / over 24 route deviation from alarm 25 vehicle VSS fault 26 vehicles oil volume abnormal 27 vehicles stolen 28 vehicles illegal ignition 29 vehicles illegal displacement 30 collision rollover alarm
arm2	number	1078 device return Alarm identification 2, binary corresponding decimal integer, binary digit alarm, 1 video signal loss alarm, 2 video signal occlusion alarm, 3 memory unit failure alarm .4 other video equipment fault alarm 5 bus overcrowding alarm 6 alarm abnormal driving behavior7 special alarm video to store threshold alarm
res	number	1078 device return Media type 0: audio and video, 1: audio, 2: video, 3: video or audio and video
streamtype	number	Stream type -1: master or sub stream, 0: master stream, 1: sub stream
stream	number	If it is 1, the file can not be downloaded, and can only be downloaded in segments
store	number	1078 device return The main storage type 0: or 1: backup memory, main memory, 2: memory backup
mediaType	number	Multimedia Type 0 Means Picture, 1 Means Video
sourceId	number	When valid for download from the device, it indicates the ID in the corresponding task table
label	string	Label
DownTaskUrl	string	Segment DownloadURL,Server Video Returns Empty,User Required Parameters：jsession(Required)sbtm(Default Start Time)setm(Default End Time)lab(Default Is Empty)
DownUrl	string	Direct downloadURL,1078 Device Returns Empty,User Required Parameters：jsession(Required)SAVENAME(Required)
PlaybackUrl	string	Remote playbackURL,User Required Parameters：

		jsession(Required)PLAYBEG(Default Start Time)PLAYEND(Default End Time)
PlaybackUrlWs	string	Remote playbackWebsocket URLWith PlaybackUrlWs, PlaybackUrlWs is preferred. PlaybackUrlWs does not support flash,User Required Parameters：jsession(Required)PLAYBEG(Default Start Time)PLAYEND(Default End Time)

Correctly Returns Examples

```
a.Query Video
{
  "result": 0,
  "cmsserver":1,
  "files":[
    {
      "arm": 0
      "beg": 31044
      "chn": 1
      "chnMask": 0
      "day": 11
      "devIdno": "500000"
      "end": 32842
      "file": "H20100628-083724P2N2P0.264"
      "len": 23211837
      "loc": 1
      "mon": 1
      "mulChn": 0
      "mulPlay": 0
      "recing": 0
      "svr": 0
      "type": 0
      "year": 10
      "mediaType": 1
      "sourceId": 1
      "label": ""
      "DownTaskUrl": "http://localhost:8080/StandardApiAction_addDownloadTask.action?jsession=&did=1235&fbtm=2010-09-04 08:37:24&fetm
=2010-09-04 09:07:22&sbtm=2010-09-04 08:37:24&setm=2010-09-04 09:07:22&lab=&fph=H20100628-083724P2N2P0.264&vtp=0&len=23211837&chn=1&d
tp=1"
      "DownUrl": "http://localhost:6604/3/5?DownType=3&jsession=&DevIDNO=1235&FLENGTH=23211837&FOFFSET=0&MTYPE=1&FPATH=H20100628-0837
24P2N2P0.264&SAVENAME="
      "PlaybackUrl": "http://localhost:6604/3/5?DownType=5&&jsession=DevIDNO=1235&FILELOC=1&FILESVR=0&FILECHN=1&FILEBEG=31044&FILEEND
=32842&PLAYIFRM=0&PLAYFILE=H20100628-083724P2N2P0.264&PLAYBEG=31044&PLAYEND=32842&PLAYCHN=0"
      "PlaybackUrlWs": "ws://localhost:6604/3/5?DownType=5&&jsession=DevIDNO=1235&FILELOC=1&FILESVR=0&FILECHN=1&FILEBEG=31044&FILEEND
=32842&PLAYIFRM=0&PLAYFILE=H20100628-083724P2N2P0.264&PLAYBEG=31044&PLAYEND=32842&PLAYCHN=0"
    }
  ]
}
b. 1078Query Video
{
  "result": 0,
  "cmsserver":1,
  "files":[
    {
      "arm": 0
      "arm1": 0
      "arm2": 0
      "beg": 31044
      "chn": 1
      "chnMask": 0
      "day": 11
      "mulChn": 0
      "mulPlay": 0
      "devIdno": "500000"
      "end": 32842
      "file": "H20100628-083724P2N2P0.264"
      "len": 23211837
      "loc": 1
      "mon": 1
      "recing": 0
      "res": 0
      "store": 0
      "stream": -1
      "svr": 0
      "type": 0
```

```
      "year": 10
      "mediaType": 1
      "sourceId": 1
      "label": ""
      "DownTaskUrl": "http://localhost:8080/StandardApiAction_addDownloadTask.action?jsession=&did=1235&fbtm=2010-09-04 08:37:24&fetm
=2010-09-04 09:07:22&sbtm=2010-09-04 08:37:24&setm=2010-09-04 09:07:22&lab=&fph=H20100628-083724P2N2P0.264&vtp=0&len=23211837&chn=1&d
tp=1"
      "DownUrl": ""
      "PlaybackUrl": "http://localhost:6604/3/5?DownType=5&jsession=&DevIDNO=1235&FILELOC=1&FILESVR=0&FILECHN=1&FILEBEG=31044&FILEEND
=32842&PLAYIFRM=0&PLAYFILE=H20100628-083724P2N2P0.264&PLAYBEG=31044&PLAYEND=32842&PLAYCHN=0"
      "PlaybackUrlWs": "ws://localhost:6604/3/5?DownType=5&&jsession=DevIDNO=1235&FILELOC=1&FILESVR=0&FILECHN=1&FILEBEG=31044&FILEEND
=32842&PLAYIFRM=0&PLAYFILE=H20100628-083724P2N2P0.264&PLAYBEG=31044&PLAYEND=32842&PLAYCHN=0"
    }
  ]
}
```

See Also:http://188.225.80.18:8088/808gps/open/player/videoExampleH5.html?lang=en

http://188.225.80.18:8088/808gps/open/player/VideoSearchDemo.html?lang=en

http://188.225.80.18:8088/808gps/open/player/PlayBackVideo.html?account=cmsv6&password=cmsv6&PlateNum=11111&lang=en

Interface Desc And Error Code

Download Video

Notice:

(1)Download Type

a.Segment Download:Mainly on the device to download video files, saved on the server, and then download directly download to a local;

  Segmented download contains the full file download and segmented downloads.

  Full Download:The device manufacturers type of 16, 17, 20 and 22 support the direct download, if the video file contains multiple channels, you can only segment download.(When get GPS status get type of device manufacturers)

  Segment Download:All devices support Segment downloading.

b.Direct download:Mainly download video on the server, downloaded to the local.

URL

Segment Download

  http://188.225.80.18:8088/StandardApiAction_addDownloadTask.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Segment Download

Param Name	Param Type	Whether Must	Defaults	Desc
did	string	Yes	No	Device No.
fbtm	string	Yes	No	File Start Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
fetm	string	Yes	No	File End Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
sbtm	string	Yes	No	Source Files Start Time
setm	string	Yes	No	Source Files End Time
lab	string	No	No	File Tag
fph	string	Yes	No	File Path
vtp	number	Yes	No	Record Type 0 means General, 1 means alarm.
len	number	Yes	No	File Size
chn	number	Yes	No	Channel
dtp	number	Yes	No	Download Type 1 means the whole file to download, 2 means segment downloaded.

Request Example

Segment Download

http://188.225.80.18:8088/StandardApiAction_addDownloadTask.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&did=500000&fbtm=2015-12-25 00:00:00&fetm=2015-12-30 23:59:59&sbtm=2015-12-25 00:00:00&setm=2015-12-30 23:59:59&lab=downloadExample&fph=H20121123-112931P3A1P0.avi&vtp=1&len=5000&chn=1&dtp=1

Operation Example

See Also:http://188.225.80.18:8088/808gps/open/player/VideoSearchDemo.html?lang=en

http://188.225.80.18:8088/808gps/open/player/PlayBackVideo.html?account=cmsv6&password=cmsv6&PlateNum=11111&lang=en

Interface Desc And Error Code

Remote Playback（PC/mobile）

Notice:

(1)JavaScript Code

See Also:Reference JavaScript Code

Reference File

See Also:Init Video Plug（PC/mobile WEB）

Call Method

(1)Start Playback startVod(url, index)

Param Name	Param Type	Whether Must	Defaults	Desc
url	string	Yes	No	Query VideoWhen returning (PlaybackUrlWs is preferred) Remote playback url According to the query Recording to get info assembled url, As http://127.0.0.1:6611/3/5? DownType=5&DevIDNO=10009&FILELOC=1 & FILESVR = 0 & FILECHN = 0 & FILEBEG = 1 & FILEEND = 100 & PLAYIFRM = 0 & PLAYFILE = / record /H20121123-112931P3A1P0.avi & PLAYBEG = 0 & PLAYEND = 0 & PLAYCHN = 0. Param Desc: FILELOC, FILESVR, FILECHN, PLAYFILE, FILEBEG and FILEEND respectively returns file search parameters loc, svr, chn, file, beg and end, direct access to the corresponding parameters. PLAYBEG means play start time offset, in milliseconds, relative to the start time of the file to calculate, 0 represents the start position for playback from a file. PLAYEND means play ending offset time, in milliseconds, relative to the file start time computation, may not be greater than the total length of the file. PLAYIFRM means play I-frame (please fill in as 0). PLAYCHN means indicates playback video channel, when there are multiple channels of Recording files using, if no more than one channel, the direct use of 0. DevIDNO means when playing files on the device, it is the device number; when playing files on the server, it is the vehicle number.
index	number	Yes	No	Window Index(starting from 0)

(2)Stop Playback stopVideo(index);

Operation Example

(1)Operation Example

See Also:http://188.225.80.18:8088/808gps/open/player/videoExampleH5.html?lang=en
http://188.225.80.18:8088/808gps/open/player/VideoSearchDemo.html?lang=en
http://188.225.80.18:8088/808gps/open/player/PlayBackVideo.html?account=cmsv6&password=cmsv6&PlateNum=11111&lang=en

(2)Reference JavaScript Code

```
//After the video plug-in Init is complete Calls it
//Start Playback
function startPlayback() {
     //Stop Playback
     swfobject.getObjectById("cmsv6flash").stopVideo(0);
     //Start Playback
     var ret = swfobject.getObjectById("cmsv6flash").startVod(0, "http://188.225.80.18:6604/3/5?DownType=5&DevIDNO=10009&FILELOC=1&F
ILESVR=0&FILECHN=0&FILEBEG=1&FILEEND=100&PLAYIFRM=0&PLAYFILE=H20121123-112931P3A1P0.avi&PLAYBEG=0&PLAYEND=0&PLAYCHN=0&jsession=");
}
//Stop Playback
function stopPlayback() {
     swfobject.getObjectById("cmsv6flash").stopVideo(0);
}
```

Interface Desc And Error Code

MULTIPLEX PLAYBACK（PC/mobile）

Notice:

(1)JavaScript Code

See Also:Reference JavaScript Code

Reference File

See Also:Init Video Plug（PC/mobile WEB）

Call Method

(1)Start Playback startVodM(url, channel)

Param Name	Param Type	Whether Must	Defaults	Desc
url	string/array	Yes	No	Query VideoWhen returning (PlaybackUrlWs is preferred) Single-channel playback: url is PlaybackUrlWS Multi-channel synchronous playback: url is PlaybackUrlWS Multi-channel simultaneous playback: url is an array url.push(file1.PlaybackUrlWS); url.push(file2.PlaybackUrlWS);
channel	string	Yes	No	Single-channel playback: channel is "" Multi-channel synchronous playback: channel, "0,1,2,3" Multi-channel simultaneous playback: channel is ""

(2)Stop Playback stopVodM();

Operation Example

(1)Operation Example

See Also:http://188.225.80.18:8088/808gps/open/player/videoExampleH5.html?lang=en

(2)Reference JavaScript Code

1. When returning to PlaybackUrlWs, the playback link will take priority to PlaybackUrlWs.

```
var playUrl = fileInfo.PlaybackUrlWs;
```

2. Single channel playback, playUrl is the playback link.

```
cmsv6Player.startVodM(playUrl, '');
```

3. Multi-channel simultaneous playback

a. The returned mulPlay> 0 means that multi-channel synchronous playback is supported.

b. mulChn represents the channel that can be played back in multiple channels, expressed in bits. mulChn has two situations:

-1 type is 0 (808 protocol) If mulChn is 0, it is necessary to determine which channels have recording information according to the time period (customization is required), and select these channels.

-1 type is not 0 (ttx protocol).

c. Play call:

```
cmsv6Player.startVodM(playUrl, '0,1,3');
```

4. Multi-channel non-synchronous playback, after getting the returned videoFileList, form an array and call the startVodM method to play

```
var url = [];
url.push(file1.PlaybackUrlWS);
url.push(file2.PlaybackUrlWS);
cmsv6Player.startVodM(url, "");
```

5. When a video file has multiple channels, replace the channel number of the playback link

```
// How to replace the playback channel number with the playback link
playUrl = playUrl.replace('PLAYCHN=0', 'PLAYCHN=' + chnIndex);
```

Interface Desc And Error Code

Img Capture

The vehicle must be online to operate

URL

http://188.225.80.18:8088/StandardApiAction_capturePicture.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&Type=1&Resolution=1

HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
DevIDNO	string	Yes	No	Device No.
Chn	string	Yes	No	Device Channel(starting from 0) 0 means channel 1, and 1 means channel 2.
Type	number	Yes	No	Please fill in the 1
Resolution	number	No	1	resolution 1 means 320*240, 2 means 640*480, 3 means 800*600, 4 means 1024*768, 5 means 176*144, 6 means 352*288, 7 means 704*288, 8 means 704*576

Request Example
  http://188.225.80.18:8088/StandardApiAction_capturePicture.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&Type=1&Resolution=1&DevIDNO=50000&Chn=1

Return Param Desc

Param Name	Param Type	Desc
FPATH	string	picture path
FOFFSET	string	deviation
FLENGTH	string	File Size(Unit byte)
DownUrl	string	URL address for image download

Correctly Returns Examples

```
{
  "result": 0,
  "cmsserver": 1,
  "FPATH": "20171023-171103.picfile",
  "FOFFSET": "4258170",
  "FLENGTH": "608310",
  "DownUrl": ""
}
```

Interface Desc And Error Code
  Get snap photos
URL
  http://188.225.80.18:6611/3/5?Type=3
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
Type	number	Yes	No	Please fill in 3
FLENGTH	number	Yes	No	File Size(Unit byte) Snap back size
FOFFSET	number	No	No	deviation Snap back offset
MTYPE	number	Yes	No	Please fill in the 1
FPATH	string	Yes	No	picture path Snapshot return path
SAVENAME	string	No	No	After download the saved name

Request Example
  http://188.225.80.18:6611/3/5?Type=3&FLENGTH=608310&FOFFSET=4258170&FPATH=20171023-171103.picfile&MTYPE=1&SAVENAME=downImage&DevIDNO=10001&jsession=

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

Interface Desc And Error Code
  Subsection Download Task
URL
  http://188.225.80.18:8088/StandardApiAction_downloadTasklist.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	No	No	Device No.
begintime	string	Yes	No	File Start Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
endtime	string	Yes	No	File End Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
taskTag	string	No	No	File Tag
status	number	No	No	Downloading Status 1 undownloaded, 2 downloads, 3 downloads failed, 4 downloaded
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example
  http://188.225.80.18:8088/StandardApiAction_downloadTasklist.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&devIdno=50000&status=1&taskTag=123&begintime=2017-11-10 12:00:00&endtime=2017-11-11 12:00:00&currentPage=1&pageRecords=10

Return Param Desc

Param Name	Param Type	Desc
did	string	Device No. When the query a video on server, it means the license plate number.
err	string	The cause of failure when downloading fails
uid	number	User ID, submitting and downloading the corresponding user ID, that is, the current jsession login user ID
chn	number	Device Channel(starting from 0) 0 means channel 1, and 1 means channel 2.
dbtm	number	Download Start TimeUnit: sec.
detm	number	Download End TimeUnit: sec.
dph	string	Downloading Path
svr	number	Storage Server Number
dtp	number	1 means the whole file to download, 2 means segment downloaded.
lab	string	File Tag
sbtm	number	Source Files Start TimeUnit: sec.
setm	number	Source Files End TimeUnit: sec.
nfbtm	number	File Start TimeUnit: sec.
nfetm	number	File End TimeUnit: sec.
stu	number	Downloading Status
vtp	number	Video type 0 represents a routine, and 1 is an alarm.
fph	string	File Path
len	number	File Size
ftp	number	File type 1 picture file, 2 for video
ctm	number	Task generation timeUnit: sec.
fbtm	number	File Start TimeUnit: sec.
fetm	number	File End TimeUnit: sec.
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "id":"18",
      "len":9096588,
      "err":0,
      "did":50000,
      "uid":1,
      "chn":2,
      "lab":"1234",
      "stu":4,
      "ftp":2,
      "fph":"H20171109-103026P3A1P0.avi",
      "ctm":1510194626000,
      "fbtm":1510194656000,
      "fetm":1510194716000,
      "vtp":1,
      "dbtm":1510194628000,
      "detm":1510194630000,
      "dph":"xxx/xxx/2233/2017-11-09/2233_2-171109-103056-103156-20020300.grec",
      "svr":6,
      "dtp":2,
      "sbtm":1510194626000,
      "setm":1510194868000,
      "nfbtm":1510194656,
      "nfetm":1510194716
    }
  ],
  "pagination":
    {
      "totalPages": 1
      "directQuery": false
      "hasNextPage": false
      "hasPreviousPage": false
      "nextPage": 1
      "previousPage": 1
      "currentPage": 1
      "pageRecords": 10
      "totalRecords": 1
      "startRecord": 0
      "sortParams": null
      "endRecord": 0
    }
}
```

Interface Desc And Error Code

Delete Device Download the subsection task

URL

http://188.225.80.18:8088/StandardApiAction_delDownloadTasklist.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	Yes	No	Device No.
taskTag	string	No	No	File Tag

Request Example

http://188.225.80.18:8088/StandardApiAction_delDownloadTasklist.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&devIdno=50000&taskTag=123

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Insert\Video\Audio\Picture Record

URL

http://188.225.80.18:8088/StandardApiAction_addMediaInformation.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	Yes	No	Device No.
channel	number	Yes	No	Channel
mediaType	number	Yes	No	Media Types 0: Pictures, 1: Audio and Video, 2: Audio, 3: Video, 4: Text, 5: Other
fileType	number	Yes	No	0-Ordinary 1-Alarm Trigger
filePath	string	Yes	No	File Path
fileOffset	number	Yes	No	File offset position
fileSize	number	Yes	No	File Size
fileSTime	string	Yes	No	File Start Time
fileETime	string	Yes	No	File End Time
Label	string	Yes	No	Label
svrIDNO	string	Yes	No	Storage Server Number

Request Example

http://188.225.80.18:8088/StandardApiAction_addMediaInformation.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&devIdno=60002&channel=2&mediaType=1&fileType=0&filePath=D:/xxx/xxx/60002/2019-09-02/H20190902-165958P3A1P0_1.mp4&fileOffset=1&fileSize=447888&fileSTime=2019-09-02 12:00:00&fileETime=2019-09-02 12:30:00&Label=60002F13BAD42F4877D04&svrIDNO=U1

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

FTP File Upload

URL

http://188.225.80.18:8088/StandardApiAction_ftpUpload.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
DevIDNO	string	Yes	No	Device No. When the query a video on server, it means the license plate number.
CHN	number	Yes	No	Search Channel(starting from 0) 0 means channel 1, 1 means channel 2, -1 means all channel.
BEGYEAR	number	Yes	No	Start Year
BEGMON	number	Yes	No	Start Month
BEGDAY	number	Yes	No	Start Date
BEGSEC	number	Yes	No	Start Seconds(0-86339)
ENDYEAR	number	Yes	No	End Year
ENDMON	number	Yes	No	End Month
ENDDAY	number	Yes	No	End Date
ENDSEC	number	Yes	No	End Seconds(0-86339)

ARM1	number	Yes	No	Alarm identification 1, binary corresponding decimal integer, binary digit alarm 1: emergency alarm 2: overspeed alarm 4: fatigue driving 8: early warning 16:GNSS module malfunction 32:The GNSS module is not connected to or is cut off by the 64:GNSS antenna short circuit 128: terminal main power supply under voltage 256: terminal main power supply power off 512: terminal LCD or display failure 1024:TTS module fault 2048: camera failure 262144: driving overtime on the same day, 524288: overtime parking 1048576: in and out of the area 2097152: out of route 4194304: of route of import and export line / over 8388608: route deviation from alarm 16777216: vehicle VSS fault 33554432: vehicles oil volume abnormal 67108864: vehicles stolen 134217728: vehicles illegal ignition 268435456: vehicles illegal displacement 536870912: collision rollover alarm
ARM2	number	Yes	No	Alarm identification 2, binary corresponding decimal integer, binary digit alarm, 1: video signal loss alarm, 2: video signal occlusion alarm, 4: memory unit failure alarm .8: other video equipment fault alarm 16: bus overcrowding alarm 32: alarm abnormal driving behavior64: special alarm video to store threshold alarm
RES	number	Yes	No	Media type 0: audio and video, 1: audio, 2: video, 3: video or audio and video
STREAM	number	Yes	No	Stream type -1: master or sub stream, 0: master stream, 1: sub stream
STORE	number	Yes	No	The main storage type 0: or 1: backup memory, main memory, 2: memory backup
NETMASK	number	Yes	No	1:WIFI,1 For WIFI Downloadable 2:LAN,2 For LAN Downloadable 4:3G/4G,4 For 3G/4G Downloadable Multiple Selection
jsession	string	Yes	No	Jsession

Request Example

http://188.225.80.18:8088/StandardApiAction_ftpUpload.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&DevIDNO=60002&CHN=1&BEGYEAR=2019&BEGMON=8&BEGDAY=12&BEGSEC=40407&ENDYEAR=2019&ENDMON=8&ENDDAY=12&ENDSEC=404

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.
SEQUENCE	number	Task Flow Number

Correctly Returns Examples

```
{
  "result": 0,"SEQUENCE":1,"cmsserver":1
}
```

Interface Desc And Error Code

FTP Task Status Query

URL

http://188.225.80.18:8088/StandardApiAction_queryFtpStatus.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
seq	number	Yes	No	Task Flow Number
devIdno	string	Yes	No	Device No.
jsession	string	Yes	No	Jsession

Request Example

http://188.225.80.18:8088/StandardApiAction_queryFtpStatus.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&seq=1&devIdno=11111

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.
status	number	Task Status 0:Pause State 1:Downloading 2:Cancel 3:Fail 4:Success
downloadUrl	string	Download Link
playUrl	string	Play Link

Correctly Returns Examples

```
{
  "result": 0,
  "info":{
    "status":4,
    "downloadUrl":http://127.0.0.1:6611/3/5?DownType=3&DevIDNO=11111&FLENGTH=206580&FOFFSET=0&MTYPE=0&FPATH=CH7_0_0_0_0_200617-160534
_200617-160554.avi&SAVENAME=CH7_0_0_0_0_200617-160534_200617-160554.avi&jsession=9325B71EFA12AF162B1232849F327391,
    "playUrl":http://127.0.0.1:6611/3/5?DownType=5&DevIDNO=11111&FILELOC=2&FILESVR=1&FILECHN=0&FILEBEG=0&FILEEND=0&PLAYIFRM=0&PLAYFIL
E=CH7_0_0_0_0_200617-160534_200617-160554.avi&PLAYBEG=0&PLAYEND=0&PLAYCHN=0&jsession=9325B71EFA12AF162B1232849F327391
  }
}
```

Interface Desc And Error Code

FTP Task List Query

URL

http://188.225.80.18:8088/StandardApiAction_queryDownLoadReplayEx.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	Yes	No	Device No.
begintime	string	Yes	No	Start Time
endtime	string	Yes	No	End Time
status	string	No	No	Task Status 0:Pause State 1:Downloading 2:Cancel 3:Fail 4:Success
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.
jsession	string	Yes	No	Jsession

Request Example

http://188.225.80.18:8088/StandardApiAction_queryDownLoadReplayEx.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&devIdno=60002&status=1&begintime=2017-11-10 12:00:00&endtime=2017-11-11 12:00:00&currentPage=1&pageRecords=10

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.
vehiID	number	Vehicle ID
devIDNO	string	Device No.
sequence	number	Task Flow Number
chnMask	number	Channel
upLoadPath	string	Upload Ftp Path

filePath	string	File Path
fileBegTime	number	File Start Time
fileEndTime	number	File End Time
arm1	number	Alarm Identification 1
arm2	number	Alarm Identification 2
alarmParam	number	Alarm Param
resourceType	number	Media type 0: audio and video, 1: audio, 2: video, 3: video or audio and video
streamType	number	Stream type -1: master or sub stream, 0: master stream, 1: sub stream
storeType	number	The main storage type 0: or 1: backup memory, main memory, 2: memory backup
networkMask	number	1:WIFI,1 For WIFI Downloadable 2:LAN,2 For LAN Downloadable 4:3G/4G,4 For 3G/4G Downloadable Multiple Selection
taskStatus	number	Task Status 0:Pause State 1:Downloading 2:Cancel 3:Fail 4:Success
uploadSpeed	number	Upload Speed (BYTE/per second)
uploadProgress	number	Upload progress 0-100
estimateFileSize	number	Estimated File Size (BYTE)
userID	number	User Id
taskSTime	number	Task Generation Time
taskETime	number	Mission End Time
downloadUrl	string	Download Link
playUrl	string	Play Link

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "vehiID":1,
      "devIDNO":018000032595,
      "sequence":1,
      "chnMask":3,
      "upLoadPath":null,
      "filePath":/xxx//xxx/xxx/2019-10-17/FA0-191017-000001-014220-20000400,
      "upLoadPath":/xxxx/xxx/2019-10-17/FA0-191017-000001-014220-20000400,
      "fileBegTime":1571241601000,
      "fileEndTime":1571247740000,
      "arm1":0,
      "arm2":0,
      "alarmParam":0,
      "resourceType":0,
      "streamType":0,
      "storeType":1,
      "networkMask":7,
      "taskStatus":1,
      "userID":1,
      "taskSTime":1571281317000,
      "taskETime":null,
      "downloadUrl":http://127.0.0.1:6611/3/5?DownType=3&DevIDNO=11111&FLENGTH=206580&FOFFSET=0&MTYPE=0&FPATH=CH7_0_0_0_0_200617-1605
34_200617-160554.avi&SAVENAME=CH7_0_0_0_0_200617-160534_200617-160554.avi&jsession=9325B71EFA12AF162B1232849F327391,
      "playUrl":http://127.0.0.1:6611/3/5?DownType=5&DevIDNO=11111&FILELOC=2&FILESVR=1&FILECHN=0&FILEBEG=0&FILEEND=0&PLAYIFRM=0&PLAYF
ILE=CH7_0_0_0_0_200617-160534_200617-160554.avi&PLAYBEG=0&PLAYEND=0&PLAYCHN=0&jsession=9325B71EFA12AF162B1232849F327391
    }
  ],
  "pagination":
    {
      "totalPages": 1,
      "directQuery": false,
      "hasNextPage": false,
      "hasPreviousPage": false,
      "nextPage": 1,
      "previousPage": 1,
      "currentPage": 1,
      "pageRecords": 10,
      "totalRecords": 1,
      "startRecord": 0,
      "sortParams": null,
      "endRecord": 0
```

```
        }
    }
```

Interface Desc And Error Code
  FTP Upload Control
URL
  http://188.225.80.18:8088/StandardApiAction_controllDownLoad.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
seq	number	Yes	No	Task Flow Number
devIdno	string	Yes	No	Device No.
taskType	number	Yes	No	0: Pause 1: Continue 2: Cancel
jsession	string	Yes	No	Jsession

Request Example
  http://188.225.80.18:8088/StandardApiAction_controllDownLoad.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&seq=1&devIdno=10001&taskType=0
Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.
SEQUENCE	number	Task Flow Number

Correctly Returns Examples

```
{
    "result": 0,"SEQUENCE":1,"cmsserver":1
}
```

Active Safety Business

Interface Desc And Error Code
  Security Alarm Inquiry
  Notice:
  (1)Interface ReferenceGet Device Alarm(Page)
  (2)Alarm Type Parameter Uses The Alarm Type Of The Alarm Accessory
URL
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc

Request Example
Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
    "result": 0
}
```

Interface Desc And Error Code
  Security Evidence Inquiry
URL
  http://188.225.80.18:8088/StandardApiAction_performanceReportPhotoListSafe.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehiIdno	string	Yes	No	Plate Number It may be more than one, in order to ',' separation. Chinese reference, format reference
begintime	string	Yes	No	Start Time
endtime	string	Yes	No	End Time Start time is not greater than the end time
alarmType	string	Yes	No	Alarm Type In ',' split, Can't be empty.
mediaType	number	No	No	Multimedia Type 0 Means Picture, 1 Means Video
toMap	number	No	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_performanceReportPhotoListSafe.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&begintime=2018-11-29 00:00:00&endtime=2018-11-30 00:00:00&alarmType=605&mediaType=0&toMap=2&vehiIdno=30009&currentPage=1&pageRecords=10

Return Param Desc

Param Name	Param Type	Desc
mediaType	number	Multimedia Type 0 Means Picture, 1 Means Video
status	number	Video status 0- is videotaping 1- video to complete the abnormal end of 2-
fileETime	string	Video File Start Time
fileSTime	string	Video File End Time
channel	number	Channel
position	string	Position
devIdno	string	Device No.
vehiIdno	string	Plate Number
jingDu	number	Lng
weiDu	number	Lat
fileSize	number	File Size
alarmType	string	Alarm Type
fileUrl	string	File Path
videoFile	string	Remote playback url
fileTime	number	File Start Time
fileOffset	number	File offset position
alarmParam	number	Alarm Param
label	string	guid
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "mediaType":0,
      "status":null,
      "fileETime":null,
      "fileSTime":null,
      "id":null,
      "fileName":null,
      "channel":3,
      "updateTime":1543560950000,
      "position":"",
      "devIdno":"123456",
      "vehiIdno":"testlinux",
      "jingDu":0,
      "weiDu":0,
      "fileType":1,
```

```
        "fileSize":35977,
        "svrId":6,
        "alarmType":605,
        "fileTimeI":null,
        "videoFile":null,
        "encode":null,
        "fileUrl":"http://127.0.0.1:6611/3/5?Type=3&FLENGTH=35977&FOFFSET=0&FPATH=20181129-225450.jpg&MTYPE=1&SAVENAME=2018-11-29 22:5
4:50.JPEG&DevIDNO=BJ0001&jsession=",
        "fileTime":1543503290000,
        "gpsstatus":null,
        "fileOffset":0,
        "vehiId":null,
        "filePath":"/xxx/xxx/xxx/2018-11-29/20181129-225450.jpg",
        "alarmParam":188,
        "label":"123456636DEA544CB6D911"
      }
  ],
  "pagination":
    {
      "totalPages": 1
      "directQuery": false
      "hasNextPage": false
      "hasPreviousPage": false
      "nextPage": 1
      "previousPage": 1
      "currentPage": 1
      "pageRecords": 10
      "totalRecords": 1
      "startRecord": 0
      "sortParams": null
      "endRecord": 0
    }
}
```

Interface Desc And Error Code

Evidence Query

URL

http://188.225.80.18:8088/StandardApiAction_alarmEvidence.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
devIdno	string	Yes	No	Device No.
begintime	string	Yes	No	File Start Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
alarmType	string	Yes	No	Alarm Type
guid	string	Yes	No	Alarm Unique Number
toMap	number	No	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates
md5	number	No	0	File md5, 0 does not return 1 returns

Request Example

http://188.225.80.18:8088/StandardApiAction_alarmEvidence.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&devIdno=50000&guid=EB9B109898F74ADCB1B4446B9FFD2&alarmType=633&begintime=2018-09-19 11:56:37&toMap=2

Return Param Desc

a. Base Info infos

Param Name	Param Type	Desc
vn	string	Plate Number
pl	number	Vehicle_plate
cn	string	Company Name
sp	number	Speed Unit: km/h, you must first use divided by 10.

dt	number	Alarm Start Time (UTC) in seconds
lc	string	Geographical Position
tp	string	Alarm Type
jd	number	Lng If the device location is invalid, the value of 0. For example: 113231258, the true value is 113.231258
wd	number	Lat If the device location is invalid, the value of 0. For example: 39231258, the true value is 39.231258
dn	string	Driver Name
dc	string	Driver Lisence
dp	string	Driver Phone
ph	string	Driver Image
phmd5	string	Driver Image Md5
dm	string	Driver's Work Number

b. Media Info images/vedios

Param Name	Param Type	Desc
did	string	Device No. When the query a video on server, it means the license plate number.
fl	string	File Path
flmd5	string	File md5
fsl	string	File Stream Path
dsl	string	Downloading Path,User Required Parameters： jsession(Required)SAVENAME(Required)
st	number	Server Number
fo	number	File offset position
fs	number	File Size
ft	number	File Type 0-image 1 Audio and video- 2-Audio 3-video 4- Text 5-other
fb	number	File Start Time
fe	number	File End Time
chn	number	Device Channel 0 means channel 1, and 1 means channel 2.

Correctly Returns Examples

```
{
  "result": 0,
  "infos":{
      "vn":"S10001",
      "cn":"0101",
      "dn":"dn",
      "sp":520,
      "lc":"166 m west Foziao, G 107(Beijing-Shenzhen Line), Baoan District, Shenzhen City, Guangdong Province",
      "dt":1537329397000,
      "tp":"Rear approach alarm",
      "dp":"A7",
      "jd":113823714,
      "wd":22652339,
      "ph":"xxx/xxx/61611b06-1a74-4219-94b7-4106ac2417951536128556861.png",
      "phmd5":"16C5C94F3A679F5466880415C346D142",
      "dc":"A7",
      "dm":"A7"
    },
  "images":[{
    "st":6,
    "did":"50000",
    "fl":"/xxx/xxx/2018-09-03/20180903-100019.picfile",
    "flmd5":"4A85F5785AAC47B4B04ED56E71472355",
    "fb":1535945845000,
    "fe":1535945845000,
    "fsl":"http://127.0.0.1:6611/3/5?Type=3&FLENGTH=608310&FOFFSET=3826405&FPATH=20180903-100019.picfile&MTYPE=1&SAVENAME=downImage&D
evIDNO=BJ0001&jsession=",
    "fo":3826405,
    "fs":608310,
    "ft":0
    "chn":0
    }],
  "vedios":[{
    "st":6,
    "did":"50000",
```

```
    "fl":"/xxx/xxx/xxx/2018-09-18/test10010_0-180918-083019-090019-20010100.grec",
    "flmd5":"DF1CBAEA1EA59FDBA58C5178D4F6DE43",
    "fb":1537230619000,
    "fe":1537232419000,
    "fsl":"http://127.0.0.1:6611/3/5?DownType=5&DevIDNO=%E6%B5%8B%E8%AF%9510010&FILELOC=2&FILESVR=6&FILECHN=0&FILEBEG=0&FILEEND=0&PLA
YIFRM=0&PLAYFILE=%E6%B5%8B%E8%AF%9510010_0-180918-083019-090019-20010100.grec&PLAYBEG=0&PLAYEND=0&PLAYCHN=0&jsession=",
    "dsl":"http://127.0.0.1:6611/3/5?DownType=3&DevIDNO=%E6%B5%8BBJ0001&FLENGTH=433977&FOFFSET=0&MTYPE=1&FPATH=02_65_6504_3_48EF94C52
FE144E89D3CEEB9B60D8053.h264&SAVENAME=&jsession="
    "fo":0,
    "fs":127898900,
    "ft":1
    "chn":0
    }],
  "gpsValue":{
    "weiDu":null,
    "jingDu":"null",
    "mapWeiDu":"22.655090",
    "mapJingDu":"113.835287",
      "geoWeiDu": null,
      "geoJingDu": null
      }
}
```

Evidence Download

(1)URL

http://188.225.80.18:8088/StandardApiAction_zipAlarmEvidence.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&devIdno=50000&guid=EB9B109898F74ADCB1B4446B9FFD2&alarmType=600&begintime=2017-11-10 12:00:00&toMap=2

(2)Param Desc

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
devIdno	string	Yes	No	Device No.
begintime	string	Yes	No	File Start Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
alarmType	string	Yes	No	Alarm Type
guid	string	Yes	No	Alarm Unique Number
toMap	number	Yes	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates

Video 1078 Business

Interface Desc And Error Code

User media traffic query

URL

http://188.225.80.18:8088/StandardApiAction_userMediaRateOfFlow.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
begintime	string	Yes	No	File Start Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
endtime	string	Yes	No	File End Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
userIds	string	Yes	No	Query the user ID (multiple users ID use English, partition)

				User operation types (1; video preview (channel) 2; audio monitoring (channel) 3; two-way dialogue 4; picture capture 5; video search 6; video download 12; remote playback)
type	string	No	No	
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

Return Param Desc

Param Name	Param Type	Desc
name	string	User name
devIdno	string	Equipment number
subType	number	User operation types (1; video preview (channel) 2; audio monitoring (channel) 3; two-way dialogue 4; picture capture 5; video search 6; video download 12; remote playback)
totalTime	number	Length of time (second)
startTime	number	Start Time(millisecond)
endTime	number	End Time(millisecond)
flowUsed	string	Traffic use information
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "name":"cmsv6",
      "id":null,
      "type":null,
      "count":null,
      "startTime":1510285460000,
      "endTime":1510285482000,
      "vehiIdno":null,
      "devIdno":"22222",
      "companyName":"cmsv6",
      "plateType":null,
      "vehiId":null,
      "param1":1,
      "param2":1,
      "param3":"",
      "param4":"",
      "userId":null,
      "ip":"127.0.0.1:61345",
      "account":"cmsv6",
      "mainType":3,
      "subType":1,
      "totalTime":22,
      "flowUsed":1.56253
    }
  ],
  "pagination":
    {
      "totalPages": 1
      "directQuery": false
      "hasNextPage": false
      "hasPreviousPage": false
      "nextPage": 1
      "previousPage": 1
      "currentPage": 1
      "pageRecords": 10
      "totalRecords": 1
      "startRecord": 0
      "sortParams": null
      "endRecord": 0
    }
}
```

Interface Desc And Error Code

Resource Catalog Summary

URL

http://188.225.80.18:8088/StandardApiAction_catalogSummaryApi.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	Yes	No	Device No.
begintime	string	Yes	No	File Start Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
endtime	string	Yes	No	File End Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
alarmSourceType	string	No	No	Alarm source 0 equipment 1 Platform
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_catalogSummaryApi.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&devIdno=50000&alarmSourceType=0,1&begintime=2017-11-10 12:00:00&endtime=2017-11-11 12:00:00&currentPage=1&pageRecords=10

Return Param Desc

Param Name	Param Type	Desc
vn	string	Equipment number
sr	number	Alarm source 0 equipment 1 Platform
fs	number	File Size(bytes)
ft	number	File Lengthsecond
sum	number	Number Of Documents
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Resource Catalog Detail

URL

http://188.225.80.18:8088/StandardApiAction_catalogDetailApi.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	Yes	No	Device No.
begintime	string	Yes	No	File Start Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
endtime	string	Yes	No	File End Time Greater than or equal to the source

				file start time, Less than or equal to the source file end time.
alarmSourceType	string	No	No	Alarm source 0 equipment 1 Platform
mediatype	string	No	No	Media type 0: audio and video, 1: audio, 2: video, 3: video or audio and video
storetype	string	No	No	The main storage type 0: or 1: backup memory, main memory, 2: memory backup
bittype	string	No	No	Stream type -1: master or sub stream, 0: master stream, 1: sub stream
arlamtype	string	No	No	Alarm identification 1, binary corresponding decimal integer, binary digit alarm 1 emergency alarm 2 overspeed alarm 3 fatigue driving 4 early warning 5GNSS module malfunction The 6GNSS module is not connected to or is cut off by the 7GNSS antenna short circuit 8 terminal main power supply under voltage 9 terminal main power supply power off 10 terminal LCD or display failure 11TTS module fault 12 camera failure 19, driving overtime on the same day, 20 overtime parking 21 in and out of the area 22 out of route 23 of route of import and export line / over 24 route deviation from alarm 25 vehicle VSS fault 26 vehicles oil volume abnormal 27 vehicles stolen 28 vehicles illegal ignition 29 vehicles illegal displacement 30 collision rollover alarm
arlamtype2	string	No	No	Alarm identification 2, binary corresponding decimal integer, binary digit alarm, 1 video signal loss alarm, 2 video signal occlusion alarm, 3 memory unit failure alarm .4 other video equipment fault alarm 5 bus overcrowding alarm 6 alarm abnormal driving behavior7 special alarm video to store threshold alarm
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_catalogDetailApi.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&devIdno=50000&bittype=&alarmSourceType=0,1&mediatype=&storetype=&arlamtype=&arlamtype2=&begintime=2017-11-10 12:00:00&endtime=2017-11-11 12:00:00&currentPage=1&pageRecords=10

Return Param Desc

Param Name	Param Type	Desc
vn	string	Equipment number
cn	string	Device Channel 0 means channel 1, and 1 means channel 2.
sr	number	Alarm source 0 equipment 1 Platform
st	number	Start Time
et	number	End Time
pl	number	Storage location
a1	number	Alarm identification 1, binary corresponding decimal integer, binary digit alarm 1 emergency alarm 2 overspeed alarm 3 fatigue driving 4 early warning 5GNSS module

		malfunction The 6GNSS module is not connected to or is cut off by the 7GNSS antenna short circuit 8 terminal main power supply under voltage 9 terminal main power supply power off 10 terminal LCD or display failure 11TTS module fault 12 camera failure 19, driving overtime on the same day, 20 overtime parking 21 in and out of the area 22 out of route 23 of route of import and export line / over 24 route deviation from alarm 25 vehicle VSS fault 26 vehicles oil volume abnormal 27 vehicles stolen 28 vehicles illegal ignition 29 vehicles illegal displacement 30 collision rollover alarm
a2	number	Alarm identification 2, binary corresponding decimal integer, binary digit alarm, 1 video signal loss alarm, 2 video signal occlusion alarm, 3 memory unit failure alarm .4 other video equipment fault alarm 5 bus overcrowding alarm 6 alarm abnormal driving behavior7 special alarm video to store threshold alarm
bt	number	Stream type -1: master or sub stream, 0: master stream, 1: sub stream
tp	number	Media type 0: audio and video, 1: audio, 2: video, 3: video or audio and video
ft	number	File Length
fs	number	File Size
sjd	number	Alarm Start Lng
swd	number	Alarm Start Lat
ejd	number	Alarm End Lng
ewd	number	Alarm End Lat
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "name":"cmsv6",
      "id":null,
      "type":null,
      "count":null,
      "startTime":1510285460000,
      "endTime":1510285482000,
      "vehiIdno":null,
      "devIdno":"22222",
      "companyName":"cmsv6",
      "plateType":null,
      "vehiId":null,
      "param1":1,
      "param2":1,
      "param3":"",
      "param4":"",
      "userId":null,
      "ip":"127.0.0.1:61345",
      "account":"cmsv6",
      "mainType":3,
      "subType":1,
      "totalTime":22,
      "flowUsed":1.56253
    }
  ],
  "pagination":
    {
      "totalPages": 1
      "directQuery": false
      "hasNextPage": false
      "hasPreviousPage": false
      "nextPage": 1
```

```
        "previousPage": 1
        "currentPage": 1
        "pageRecords": 10
        "totalRecords": 1
        "startRecord": 0
        "sortParams": null
        "endRecord": 0
    }
}
```

Interface Desc And Error Code
  Picture Query
URL
  http://188.225.80.18:8088/StandardApiAction_queryPhoto.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	No	No	Device No.,If blank, check all devices
begintime	string	Yes	No	File Start Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
endtime	string	Yes	No	File End Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
filetype	number	No	No	0- common 1- alarm trigger
alarmType	number	No	No	Alarm Type Details See also:Alarm Type Desc
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example
  http://188.225.80.18:8088/StandardApiAction_queryPhoto.action?jsession=649b7687-6792-41a2-b9be-
  7806f2a0d3fa&devIdno=50000&filetype=2&alarmType=67&begintime=2017-11-10 12:00:00&endtime=2017-11-11 12:00:00&currentPage=1&pageRecords=10
Return Param Desc

Param Name	Param Type	Desc
devIdno	string	Equipment number
channel	number	0 means channel 1, and 1 means channel 2.
fileType	number	0- common 1- alarm trigger
filePath	string	File Path
fileSize	number	File Size(bytes)
svrId	number	Server Number
alarmType	number	Alarm Type
alarmParam	number	Alarm Param
updateTime	string	Update time
encode	number	Encoding format 0-JPEG 1-TIF
fileOffset	number	File offset position
fileTime	number	File Time(millisecond)
gpsstatus	number	GPS state information
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records
reservChar1	string	Remark
reservInt4	number	User Id

Correctly Returns Examples
```
{
  "result": 0,
  "infos":[
    {
      "devIdno":"50000",
      "channel":1,
      "fileType":0,
      "filePath":"/xxx/xxx/xxx/20171102-105922.picfile",
```

```
      "fileSize":608310,
      "svrId":6,
      "alarmType":67,
      "alarmParam":0,
      "updateTime":"2017-11-02",
      "encode":0,
      "fileOffset":0,
      "fileTime":1509591562000,
      "gpsstatus":null,
      "reservChar1":"note content",
      "reservInt4":1
    }
  ],
  "pagination":
    {
      "totalPages": 1
      "directQuery": false
      "hasNextPage": false
      "hasPreviousPage": false
      "nextPage": 1
      "previousPage": 1
      "currentPage": 1
      "pageRecords": 10
      "totalRecords": 1
      "startRecord": 0
      "sortParams": null
      "endRecord": 0
    }
}
```

Interface Desc And Error Code

Audio And Aideo Auery

URL

http://188.225.80.18:8088/StandardApiAction_queryAudioOrVideo.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	Yes	No	Device No.
begintime	string	Yes	No	File Start Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
endtime	string	Yes	No	File End Time Greater than or equal to the source file start time, Less than or equal to the source file end time.
alarmType	string	No	No	Alarm Type Details See also:Alarm Type Desc
type	number	Yes	No	1- audio and video 2- audio 3- video
filetype	number	No	No	File Type 0-ordinary 1-Alarm trigger
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_queryAudioOrVideo.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&devIdno=50000&type=1&filetype=2&alarmType=67&begintime=2017-11-10 12:00:00&endtime=2017-11-11 12:00:00&currentPage=1&pageRecords=10

Return Param Desc

Param Name	Param Type	Desc
devIdno	string	Equipment number
channel	number	0 means channel 1, and 1 means channel 2.
fileType	number	0- common 1- alarm trigger
filePath	string	File Path
fileSize	number	File Size(bytes)
svrId	number	Server Number
alarmType	number	Alarm Type

alarmParam	number	Alarm Param	
updateTime	string	Update time	
mediaType	number	Type 1- audio and video 2- audio 3- video	
fileSTime	number	File Start Time(millisecond)	
fileETime	number	File End Time(millisecond)	
status	number	Video status 0- is videotaping 1- video to complete the abnormal end of 2-	
totalPages	number	Total Page	
currentPage	number	Current Page	
pageRecords	number	Page Record	
totalRecords	number	Total Records	

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "devIdno":"50000",
      "channel":3,
      "fileType":1,
      "filePath":"/xxx/xxx/xxx/2017-11-09/2233_2-171109-103056-103156-20020300.grec",
      "fileSize":9096588,
      "svrId":6,
      "alarmType":67,
      "alarmParam":0,
      "updateTime":"2017-11-09",
      "mediaType":1,
      "fileSTime":1510194656000,
      "fileETime":1510194716000,
      "status":1
    }
  ],
  "pagination":
    {
      "totalPages": 1,
      "directQuery": false,
      "hasNextPage": false,
      "hasPreviousPage": false,
      "nextPage": 1,
      "previousPage": 1,
      "currentPage": 1,
      "pageRecords": 10,
      "totalRecords": 1,
      "startRecord": 0,
      "sortParams": null,
      "endRecord": 0
    }
}
```

Rule related business

Interface Desc And Error Code

New Linkage Alarm

URL

http://188.225.80.18:8088/StandardApiAction_mergeRule.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
name	string	Yes	No	Rule name Chinese reference, format reference
begintime	string	Yes	No	File Start Time(12:30:30)
endtime	string	Yes	No	File End Time(14:30:30)
alarmType	string	Yes	No	Alarm Type Details See also:Alarm Type Desc

type	number	Yes	No	Fixed transmission 13
param	string	Yes	No	The parameter format is: "P1, P2, P3, P4, P5, p6" P1 takes pictures 1, 0 is not; P2 allows photo taking to set up camera channel (support 16 channels), for example: 1010000000000000 indicates opening channel 1, 3; .P3 video is long (0-1800 seconds); P4 sets video channels (supporting 16 channels), for example, 1010000000000000 for opening channel 1, 3; P5 phone number, P6 mailbox; example: 1,1010000000000000,10,1010000000000000,0000000000,xxx
text	string	No	No	Hint information Chinese reference, format reference

Request Example

http://188.225.80.18:8088/StandardApiAction_mergeRule.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&name=12345&type=13&text=text&param=1,11000000,0,00000000,111111000000,32132@@312&alarmType=67&begintime=12:00:00&endtime=14:00:00

Return Param Desc

Param Name	Param Type	Desc
rule_id	number	Rule ID

Correctly Returns Examples

```
{
  "result": 0,
  "rule_id":1
}
```

Interface Desc And Error Code

Inquiry Linkage Alarm

URL

http://188.225.80.18:8088/StandardApiAction_loadRules.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
name	string	No	No	Rule name Chinese reference, format reference
armType	string	No	No	Alarm Type Details See also:Alarm Type Desc
ruleType	number	Yes	No	Fixed transmission 13
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_loadRules.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&ruleType=13&name=12351&alarmType=67&currentPage=1&pageRecords=10

Return Param Desc

Param Name	Param Type	Desc
id	number	Rule ID
name	string	Rule name
type	number	Rule type 13- alarm linkage rules
beginTime	number	Start TimeUnit: sec.
endTime	number	End TimeUnit: sec.
armType	number	Alarm Type
text	string	Hint information
param	string	The parameter format is: "P1, P2, P3, P4, P5, p6" P1 takes pictures 1, 0 is not; P2 allows photo taking to set up camera channel (support 16 channels), for example: 1010000000000000 indicates opening channel 1, 3; .P3 video is long (0-1800 seconds); P4 sets video channels (supporting 16 channels), for example, 1010000000000000 for opening channel 1, 3; P5 phone number, P6 mailbox; example: 1,1010000000000000,10,1010000000000000,0000000000,xxx
totalPages	number	Total Page

currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "id":"1",
      "type":13,
      "name":"12351",
      "endTime":44430,
      "text":"text",
      "armType":67,
      "param":"1,11000000,0,00000000,,",
      "beginTime":37230
    }
  ],
  "pagination":
    {
      "totalPages": 1
      "directQuery": false
      "hasNextPage": false
      "hasPreviousPage": false
      "nextPage": 1
      "previousPage": 1
      "currentPage": 1
      "pageRecords": 10
      "totalRecords": 1
      "startRecord": 0
      "sortParams": null
      "endRecord": 0
    }
}
```

Interface Desc And Error Code

Edit Linkage Alarm

URL

http://188.225.80.18:8088/StandardApiAction_editRule.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	Rule ID
name	string	Yes	No	Rule name Chinese reference, format reference
begintime	string	Yes	No	File Start Time(12:30:30)
endtime	string	Yes	No	File End Time(14:30:30)
param	string	Yes	No	The parameter format is: "P1, P2, P3, P4, P5, p6" P1 takes pictures 1, 0 is not; P2 allows photo taking to set up camera channel (support 16 channels), for example: 1010000000000000 indicates opening channel 1, 3; .P3 video is long (0-1800 seconds); P4 sets video channels (supporting 16 channels), for example, 1010000000000000 for opening channel 1, 3; P5 phone number, P6 mailbox; example: 1,1010000000000000,10,1010000000000000,0000000000,xxx
text	string	No	No	Hint information Chinese reference, format reference

Request Example

http://188.225.80.18:8088/StandardApiAction_editRule.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&id=1&name=12345&text=text&param=1,11000000,0,00000000,111111000000,32132@@312&begintime=12:00:00&endtime=14:00:00

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code
  Delete Linkage Alarm
URL
  http://188.225.80.18:8088/StandardApiAction_delRule.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	Rule ID

Request Example
  http://188.225.80.18:8088/StandardApiAction_delRule.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&id=1
Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code
  Device Rule Equipment Association
URL
  http://188.225.80.18:8088/StandardApiAction_devRulePermit.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
ruleId	number	Yes	No	Rule ID
devIdno	string	Yes	No	The device number does not allocate the rule (the Jian Yixian execution - query rule device Association - avoid the abnormality of the repeating distribution) multiple use, segmentation

Request Example
  http://188.225.80.18:8088/StandardApiAction_devRulePermit.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&devIdno=50000&&ruleId=1
Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code
  Query Rule Device Association
URL
  http://188.225.80.18:8088/StandardApiAction_loadDevRuleByRuleId.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
ruleId	number	Yes	No	Rule ID
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_loadDevRuleByRuleId.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa&ruleId=1&currentPage=1&pageRecords=10

Return Param Desc

Param Name	Param Type	Desc
id	number	Regular device association ID (Jian Yixian execution - query rule and device Association - get corresponding ID), multiple comma segmentation
devIdno	string	Equipment number
ruleId	number	Rule ID
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "id":"1",
      "devIdno":50000,
      "ruleId":1
    }
  ],
  "pagination":
    {
      "totalPages": 1
      "directQuery": false
      "hasNextPage": false
      "hasPreviousPage": false
      "nextPage": 1
      "previousPage": 1
      "currentPage": 1
      "pageRecords": 10
      "totalRecords": 1
      "startRecord": 0
      "sortParams": null
      "endRecord": 0
    }
}
```

Interface Desc And Error Code

Delete Regular Device Association

URL

http://188.225.80.18:8088/StandardApiAction_delDevRule.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	No	No	Regular device association ID (Jian Yixian execution - query rule and device Association - get corresponding ID), multiple comma segmentation
devIdno	string	Yes	No	Device No.
ruleId	number	No	No	Rule ID

Request Example

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Query Rules Based On Rule Type

URL

http://188.225.80.18:8088/StandardApiAction_queryRuleList.action?jsession=649b7687-6792-41a2-b9be-7806f2a0d3fa

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
ruleType	number	Yes	No	Rule Type
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example

Return Param Desc

Param Name	Param Type	Desc
name	string	Rule name
id	number	Rule ID
type	number	Rule Type
utm	number	Update time
expand	string	Extended parameter, when the rule type is 7, the parameter is the offset width
cName	string	Company Name

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "id":1,
      "name":"11",
      "type":7,
      "utm":1631524160000,
      "expand":50,
      "cName":"Company"
    }
  ],
  "pagination":
    {
      "totalPages": 1,
      "directQuery": false,
      "hasNextPage": false,
      "hasPreviousPage": false,
      "nextPage": 1,
      "previousPage": 1,
      "currentPage": 1,
      "pageRecords": 10,
      "totalRecords": 1,
      "startRecord": 0,
      "sortParams": null,
      "endRecord": 0
    }
}
```

Control Business

Interface Desc And Error Code

Vehicle Control

Notice:

(1)The vehicle must be online to operate

URL

(1)GPS Reporting Interval

http://188.225.80.18:8088/StandardApiAction_vehicleControlGPSReport.action?

(2)Other Vehicle Control

http://188.225.80.18:8088/StandardApiAction_vehicleControlOthers.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

a.GPS Reporting Interval

Param Name	Param Type	Whether Must	Defaults	Desc
DevIDNO	string	Yes	No	Device No.
Time	number	Yes	No	Interval Time Unit second, 0-3600, 0 means did not upload the GPS.

b.Other Vehicle Control

Param Name	Param Type	Whether Must	Defaults	Desc
DevIDNO	string	Yes	No	Device No.
CtrlType	number	Yes	No	Control Type 1 means Disconnect oil;2 means oil recovery;3 means turn off power;4 means turn on power;5 means restart device;6 means restore factory settings;7 means sleep;8 means wake;9 means opening devices recording(High two bytes are recording channel, low two bytes are instruction, such as channel 1 to send command are Number(0<<16) + Number(9));10 means turn off the device video(High two bytes are recording channel, low two bytes are instruction);11 means client started to channel polling (two bytes to two bytes for the channel number, low order) 12 means said the client stops this channel polling (two bytes to two bytes for the channel number, low order). 13 indicates the logging function of boot record (two bytes higher than 0), and 0 means no log.14 means formatting the hard disk (High means hard number, hard number start with 0, low means instruction, such as hard 1 to send command are Number(0<<16) + Number(14));15 means mileage clear;16 indicates positive turn (high two bytes as channel number, low two byte as instruction). 17 represents reversal flip (high two bytes for channel number, low two bytes for instruction).18 means clear alarm.19 stands for switching cameras. 20 indicates the beginning of recording (high two bytes for the recording channel number, low two bytes for instructions).21 means stop recording (two bytes high for recording channel number, low two bytes for instruction). 22 indicates the end of WiFi download.

				23 means equipment to take photos.
				24 means device video
Usr	string	Yes	No	Account
Pwd	string	Yes	No	Password
				Md5 encrypted password is required.

Request Example

(1)GPS Reporting Interval

http://188.225.80.18:8088/StandardApiAction_vehicleControlGPSReport.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&DevIDNO=500000&Start=1&Type=1&Distance=0&Time=5

(2)Other Vehicle Control

http://188.225.80.18:8088/StandardApiAction_vehicleControlOthers.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&DevIDNO=500000&CtrlType=1&Usr=cmsv6&Pwd=21232f297a57a5a743894a0e4a801fc3

Return Param Desc

a.GPS Reporting Interval

Param Name	Param Type	Desc
result	number	Return Code
		0 means success, the other means failure.

b.Other Vehicle Control

Param Name	Param Type	Desc
result	number	Return Code
		0 means success, the other means failure.

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

TTS

Notice:

(1)The vehicle must be online to operate

URL

http://188.225.80.18:8088/StandardApiAction_vehicleTTS.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
DevIDNO	string	Yes	No	Device No.
Text	string	Yes	No	TTS Text
				Length can not exceed 240 characters.
				Chinese reference, format reference
Flag	number	No	4	TTS Flag
				If the parameter is null, the default value is 4.
				Emergency: 1, terminal display: 4, terminal TTS broadcast read: 8, advertising screen display: 16.
				Case 1: Using "Emergency" and "Terminal Display", the value is: 1+4=5.
				Case 2: Use "terminal TTS broadcast and read", "advertising screen display", the value is: 4+8=12

Request Example

http://188.225.80.18:8088/StandardApiAction_vehicleTTS.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&DevIDNO=500000&Text=rrrrrvvv&Flag=4

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code
		0 means success, the other means failure.

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

PTZ control
Notice:
(1)The vehicle must be online to operate
URL
http://188.225.80.18:8088/StandardApiAction_sendPTZControl.action?
HTTP Request Method
GET/POST
Input Param Desc
(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
DevIDNO	string	Yes	No	Device No.
Chn	number	Yes	No	Device Channel(starting from 0) 0 means channel 1, and 1 means channel 2.
Command	number	Yes	No	Control Type 0 left; 1 right; 2 upper; 3 lower; 4 left upper; 5 right upper; 6 left lower; 7 right lower; 8 focal length smaller; 9 focal length larger; 10 aperture becomes smaller; 11 aperture becomes larger; 12 focus after adjustment (multiples); 13 focus forward tune; 14 lights; 16 wipers; 18 automatic cruise; 19 stop; 21 call; 22 settings; 23 delete
Speed	number	Yes	No	Speed, when moving in the direction, the speed is valid, range 0-255
Param	number	Yes	No	When the preset bit is operated, the Param is valid, indicating the ordinal number of the preset bits (21 calls; 22 settings; and 23 deletion)

Request Example
http://188.225.80.18:8088/StandardApiAction_sendPTZControl.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&DevIDNO=500000&Chn=1&Command=1&Speed=1&Param=1
Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.

Correctly Returns Examples

```
{
  "result": 0
}
```

Device Management

Interface Desc And Error Code
Get Device Info
Only online devices can be checked
URL
http://188.225.80.18:8088/StandardApiAction_getLoadDeviceInfo.action?
HTTP Request Method
GET/POST
Input Param Desc
(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
devIdno	string	Yes	No	Device No.
jsession	string	Yes	No	Jsession

Request Example
http://188.225.80.18:8088/StandardApiAction_getLoadDeviceInfo.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&devIdno=500000
Return Param Desc

Param Name	Param Type	Desc
Version	string	Version Number

WLanActive	number	Wireless Module (1: active)
WLanType	number	Wireless Module Type(0:2G, 1:3G-EVDO, 2:3G-WCDMA, 3:TD-WCDMA, 4:TD-WCDMA, 5:TD-WCDMA)
WLanAddr	string	Wireless Network Address
WifiActive	number	wifi Module (1: active)
WifiAddr	string	Wifi Network Address
WifiAP	string	Wifi Name（cVersion > 0）
ChanNum	number	Number of channels (channel index 0, corresponding to CH1)
Record	number	Recording status (bit corresponding to channel index, 1 means valid)
VideoLost	number	Video loss status (bit corresponding to channel index, 1 means lost)
DiskNum	number	Number of hard drives
DiskInfo	number	Hard drive information
AllVolume	number	All capacity Unit: G, please divide by 100 before use.
LeftVolume	number	Remaining capacity Unit: G, divide by 100 before use.

Correctly Returns Examples

```
{
  "result": 0,
  "devstaus":
    [{
      "ChanNum":4,
      "DevIDNO":"50000",
      "DevType":1,
      "DiskNum":1,
      "IMEI":"123456",
      "NetworkType":1,
      "Record":15,
      "Version":"V2.0.0.2 20110311",
      "VideoLost":0,
      "VideoTran":2,
      "WLanActive":1,
      "WLanAddr":"localhost",
      "WLanType":2,
      "WifiAP":"wkp-test-wifi",
      "WifiActive":1,
      "WifiAddr":"localhost",
      "cVersion":1,
      "gpsState":1,
      "gpsTime":"2020-03-05 11:52:40",
      "jingDu":113921451,
      "weiDu":22570585,
      "DiskInfo":{[
        "AllVolume":16000,
        "LeftVolume":"8800",
      ]}
    }]
}
```

Interface Desc And Error Code
  Add Device
URL
  http://188.225.80.18:8088/StandardApiAction_addDevice.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
devIdno	string	Yes	No	Device No.
protocol	string	Yes	No	The 0:unknown 1: standard (2011) standard 2: (Compass) 3: standard 1078 (video)

devType	string	Yes	No	Device type 7 for video device, 5 for GPS device, -7 for Main defense terminal
companyName	string	Yes	No	Company Name If it doesn't exsist,it will be added. Chinese reference, format reference
account	string	No	No	Master account: the existence of the company does not need an account, the company does not exist must account
factoryType	number	Yes	No	Manufacturer type 0 unkown, 17 GM, 20 HD 21 FZE, 23 HB, 24 BSJ 26 HK ,28 YX,29 RM 44 DW-N
channelNum	number	No	No	Number of Channels
model	string	No	No	Product model
factory	string	No	No	Product manufacturer
audioCodec	number	No	No	0:UNKOWN 1:G726_40KBPS 2:ADPCM 3:G726_MEDIA_40KBPS 4:G726_MEDIA_32KBPS 5:G726_MEDIA_24KBPS 6:G726_MEDIA_16KBPS 7:G726_32KBPS 8:G726_24KBPS 9:G726_16KBPS 10:G711A 11:G711U 12:AAC_8KBPS 13:AAC_16KBPS 14:AMR 15:AAC_24KBPS 16:ADPCM_IMA 17:G711A_EX 18:G711U_EX 19:NELLY_8KBPS 20:PCM_8K 21:PCM_16K 22:AAC_32KBPS 23:AAC_40KBPS 24:AAC_44KBPS 25:AAC_48KBPS

Request Example

http://188.225.80.18:8088/StandardApiAction_addDevice.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&devIdno=9999&protocol=1&devType=1&factoryType=0&companyName=9999&account=9999&channelNum=2

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Modification of Equipment

URL

http://188.225.80.18:8088/StandardApiAction_editDevice.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
devIdno	string	Yes	No	Device No.
devType	string	No	5	Device type 7 for video device, 5 for GPS device, -7 for Main defense terminal
protocol	string	No	No	The 0:unknown 1: standard (2011) standard 2: (Compass) 3: standard 1078 (video)
audioCodec	string	No	No	0:UNKOWN 1:G726_40KBPS 2:ADPCM 3:G726_MEDIA_40KBPS 4:G726_MEDIA_32KBPS 5:G726_MEDIA_24KBPS 6:G726_MEDIA_16KBPS 7:G726_32KBPS 8:G726_24KBPS 9:G726_16KBPS 10:G711A 11:G711U

				12:AAC_8KBPS 13:AAC_16KBPS 14:AMR 15:AAC_24KBPS 16:ADPCM_IMA 17:G711A_EX 18:G711U_EX 19:NELLY_8KBPS 20:PCM_8K 21:PCM_16K 22:AAC_32KBPS 23:AAC_40KBPS 24:AAC_44KBPS 25:AAC_48KBPS
factoryType	number	No	No	Manufacturer type 0 unknown, 17 GM, 20 HD 21 FZE, 23 HB, 24 BSJ 26 HK ,28 YX,29 RM 44 DW-N
channelNum	number	No	No	Number of Channels
model	string	No	No	Product model
factory	string	No	No	Product manufacturer

Request Example

http://188.225.80.18:8088/StandardApiAction_editDevice.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&devIdno=9999&devType=1&factoryType=0&protocol=1&audioCodec=1&channelNum=2

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Add Vehicle

URL

http://188.225.80.18:8088/StandardApiAction_addVehicle.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehiIdno	string	Yes	No	Plate Number Perform the modification operation if it exists Chinese reference, format reference
devIdno	string	Yes	No	Device No. If it doesn't exsist,it will be added.
devType	string	Yes	No	Device type 7 for video device, 5 for GPS device, -7 for Main defense terminal
companyName	string	Yes	No	Company Name If it doesn't exsist,it will be added. Chinese reference, format reference
account	string	No	No	Master account: the existence of the company does not need an account, the company does not exist must account
factoryType	number	Yes	No	Manufacturer type 0 unknown, 17 GM, 20 HD 21 FZE, 23 HB, 24 BSJ 26 HK ,28 YX,29 RM
name	string	No	No	11 PTT terminal is valid, the default value is vehiIdno field. Chinese reference, format reference
area	string	No	No	Area
fleetName	string	No	No	Fleet If it doesn't exsist,it will be added. If it exists, the team is not supported to change its company! Chinese reference, format reference
simCard	string	No	No	SIM Card If it doesn't exsist,it will be added.
serialId	string	No	No	Equipment serial number

Request Example

http://188.225.80.18:8088/StandardApiAction_addVehicle.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&vehiIdno=7777&devIdno=1111&devType=1&factoryType=0&companyName=9999&account=9999

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
   "result": 0
}
```

Interface Desc And Error Code

Delete Device

URL

http://188.225.80.18:8088/StandardApiAction_deleteDevice.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
devIdno	string	Yes	No	Device No. If the device has been used by vehicle,then it will fail to delete the device.

Request Example

http://188.225.80.18:8088/StandardApiAction_deleteDevice.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&devIdno=7777

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
   "result": 0
}
```

Interface Desc And Error Code

Delete Vehicle

URL

http://188.225.80.18:8088/StandardApiAction_deleteVehicle.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehiIdno	string	Yes	No	Plate Number Chinese reference, format reference
delDevice	string	No	No	Delete the device of the vehicle or not. 1 means deleting the device,otherwise don't delete.

Request Example

http://188.225.80.18:8088/StandardApiAction_deleteVehicle.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&vehiIdno=7777&delDevice=1

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
   "result": 0
}
```

Interface Desc And Error Code

Installation equipment

URL

http://188.225.80.18:8088/StandardApiAction_installVehicle.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehiIdno	string	Yes	No	Plate Number Chinese reference, format reference
devIdno	string	Yes	No	Device No.
devType	string	No	No	Device type(Change device type) 7 indicates video equipment, 5 indicates GPS equipment, 11 PTT terminals

Request Example

http://188.225.80.18:8088/StandardApiAction_installVehicle.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&vehiIdno=7777&devIdno=1

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Uninstall device

URL

http://188.225.80.18:8088/StandardApiAction_uninstallDevice.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehiIdno	string	Yes	No	Plate Number Chinese reference, format reference
devIdno	string	Yes	No	Device No.

Request Example

http://188.225.80.18:8088/StandardApiAction_uninstallDevice.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&vehiIdno=7777&devIdno=1

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Traffic Card Management

Interface Desc And Error Code

Get Flow Information

URL

http://188.225.80.18:8088/StandardApiAction_getFlowInfo.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
devIdno	string	Yes	No	Device No.

Request Example

http://188.225.80.18:8088/StandardApiAction_getFlowInfo.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&devIdno=50000

Return Param Desc

a. Traffic configuration information fconfig

Param Name	Param Type	Desc
id	number	id
did	string	Device No. When the query a video on server, it means the license plate number.
nflt	number	Monthly flow exceeding limit: 0 overlooked after exceeding the limit, 1 disable media service after exceeding the limit
nofc	number	Traffic statistics switch 0- closes and 1- opens
nodfr	number	Daily traffic reminding 0- not to remind 1- reminding
nomfr	number	Monthly traffic reminder 0- does not remind 1- reminding
fdl	number	Daily flow limit (MB)
fml	number	Monthly flow limit (MB)
ndr	number	A daily flow reminder (percentage), 20% or 20
nmr	number	Monthly flow reminder (percentage), 20% or 20
nmtd	number	Monthly knot day

b. Traffic use information fuse

Param Name	Param Type	Desc
id	number	id
did	string	Device No. When the query a video on server, it means the license plate number.
cdu	number	Day use flow
cdvu	number	Video usage traffic on the day
cdgu	number	GPS usage traffic on the day
cdou	number	Other business usage traffic on the day
cmu	number	Traffic flow in the month
cmvu	number	Video usage traffic in the month
cmgu	number	GPS traffic in the month
cmou	number	Other business use traffic in the month
uptm	number	Update time

Correctly Returns Examples

```
{
  "result": 0,
  "fconfig":
    {
      "id":"2",
      "did":50000,
      "nflt":1,
      "nofc":1,
      "nodfr":1,
      "nomfr":1,
      "fdl":500.0,
      "fml":1200.0,
      "ndr":50,
      "nmr":30,
      "nmtd":12
    }
  ,
  "fuse":
    {
      "id": 1
      "did": 50000
      "cdu": 0
      "cdvu": 0
      "cdgu": 0
```

```
      "cdou": 0
      "cmu": 0
      "cmvu": 0
      "cmgu": 0
      "cmou": 0
    }
}
```

Interface Desc And Error Code
  Save Flow Configuration
URL
  http://188.225.80.18:8088/StandardApiAction_saveFlowConfig.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
devIdno	string	Yes	No	Device No.
monitorOpen	number	Yes	No	Traffic statistics switch 0- closes and 1- opens
settlementDay	number	Yes	No	Monthly knot day
monthLimit	number	Yes	No	Monthly flow limit (MB)
monthRemindOpen	number	Yes	No	Monthly traffic reminder 0- does not remind 1- reminding
monthRemind	number	Yes	No	Monthly flow reminder (percentage), 20% or 20
dayLimit	number	Yes	No	Daily flow limit (MB)
dayRemindOpen	number	Yes	No	Daily traffic reminding 0- not to remind 1- reminding
dayRemind	number	Yes	No	A daily flow reminder (percentage), 20% or 20
overLimitOpen	number	Yes	No	Monthly flow exceeding limit: 0 overlooked after exceeding the limit, 1 disable media service after exceeding the limit

Request Example
  http://188.225.80.18:8088/StandardApiAction_saveFlowConfig.action?jsession=d4683751-3b6b-49d8-a779-
9fa52ca70109&devIdno=1&monitorOpen=1&settlementDay=20&monthLimit=1200&dayLimit=500&dayRemindOpen=1&dayRemind=50&monthRemindOpen=1&monthRem

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Area Information

Interface Desc And Error Code
  User Area Information
URL
  http://188.225.80.18:8088/StandardApiAction_getUserMarkers.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession

Request Example
  http://188.225.80.18:8088/StandardApiAction_getUserMarkers.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109

Return Param Desc

Param Name	Param Type	Desc
i	number	Area ID
n	string	Area Name
cl	string	Color
m	number	Area Type 1:point 2:rectangle 3:polygon 4:Route 10:circle
r	number	Radius
s	number	Area Sharing 0:Do not share 1:packet sharing 2:all share
c	number	Create Area User ID
u	number	Company ID
mt	number	Map Type 0:Google 3:Baidu 4:Gaode
tp	number	Geographic Type 2:Village 3:Factory 4:Construction Site 5:Warehouse 6:Pier 7:Logistics Park 8:Fee Station 9:Tracking Point 10:Work Area 11:Patrol Area 12:Other
j	string	Lng
w	string	Lat

Correctly Returns Examples

```
{
  "result": 0,
  "infos":[
    {
      "p": 0,
      "t": 0,
      "s": 0,
      "c": 1,
      "i": 110038,
      "n": "test,"
      "cl": "FF0000"
      "a": ,
      "m": 1,
      "r": 111,
      "j": 113.829487,
      "w": 22.652397,
      "mt": 4,
      "tp": 7
    }
  ]
}
```

Interface Desc And Error Code

Add Area

```
Request Example:
  var param = {}
  param.name = xxx

  $.ajax({
      url: "/xxx/xxx.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222"
      data: {json: JSON.stringify(param)},
      cache:false,
      dataType:'json',
      success: function (json) {
        if(json.result == 0){
          alert('Success');
        } else {
          alert('Failure');
        }
      },error:function(XMLHttpRequest, textStatus, errorThrown){
      }
  });
```

URL

http://188.225.80.18:8088/MapMarkerAction_addMark.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
name	string	Yes	No	Marker Name
mapType	number	No	No	Map Type 0:Google 3:Baidu 4:Gaode
markerType	number	Yes	No	Area Type 1:point 2:rectangle 3:polygon 4:Route 10:circle
radius	number	No	No	Radius(m), Area Type(10; circle), pass parameter, other pass 0
share	number	No	No	Area Sharing 0:Do not share 1:packet sharing 2:all share
type	number	No	No	2:Village 3:Factory 4:Construction Site 5:Warehouse 6:Pier 7:Logistics Park 8:Fee Station 9:Tracking Point 10:Work Area 11:Patrol Area 12:Other
jingDu	string	Yes	No	Map Lng It may be more than one, in order to ',' separation.
weiDu	string	Yes	No	Map Lat It may be more than one, in order to ',' separation.
color	string	No	No	Color FF0000
remark	string	No	No	Remark

Request Example

http://188.225.80.18:8088/MapMarkerAction_addMark.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&name=mark1&mapType=3&markerType=1&radius=0&share=0&type=2&jingDu=117.145786&weiDu=39.017903&color=FF0000

Return Param Desc

Param Name	Param Type	Desc
markId	number	Area ID

Correctly Returns Examples

```
{
  "result": 0
  "markId": 1000062
}
```

Interface Desc And Error Code

Modify Area

```
Request Example:
  var param = {}
  param.name = xxx

  $.ajax({
       url: "/xxx/xxx.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222"
       data: {json: JSON.stringify(param)},
       cache:false,
       dataType:'json',
       success: function (json) {
         if(json.result == 0){
           alert('Success');
         } else {
           alert('Failure');
         }
       },error:function(XMLHttpRequest, textStatus, errorThrown){
       }
  });
```

URL

http://188.225.80.18:8088/MapMarkerAction_editMark.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession

id	number	Yes	No	Area ID
name	string	Yes	No	Marker Name
mapType	number	No	No	Map Type 0:Google 3:Baidu 4:Gaode
markerType	number	Yes	No	Area Type 1:point 2:rectangle 3:polygon 4:Route 10:circle
radius	number	No	No	Radius(m), Area Type(10; circle), pass parameter, other pass 0
share	number	No	No	Area Sharing 0:Do not share 1:packet sharing 2:all share
type	number	No	No	2:Village 3:Factory 4:Construction Site 5:Warehouse 6:Pier 7:Logistics Park 8:Fee Station 9:Tracking Point 10:Work Area 11:Patrol Area 12:Other
jingDu	string	Yes	No	Map Lng It may be more than one, in order to ',' separation.
weiDu	string	Yes	No	Map Lat It may be more than one, in order to ',' separation.
color	string	No	No	Color FF0000
remark	string	No	No	Remark

Request Example

http://188.225.80.18:8088/MapMarkerAction_editMark.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&id=1&name=mark1&mapType=3&markerType=1&radius=0&share=0&type=2&jingDu=117.145786&weiDu=39.017903&color=FF0000

Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

View Area

URL

http://188.225.80.18:8088/MapMarkerAction_findMark.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	Area ID

Request Example

http://188.225.80.18:8088/MapMarkerAction_findMark.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&id=1

Return Param Desc

Param Name	Param Type	Desc
i	number	Area ID
n	string	Area Name
cl	string	Color
m	number	Area Type 1:point 2:rectangle 3:polygon 4:Route 10:circle
r	number	Radius
s	number	Area Sharing 0:Do not share 1:packet sharing 2:all share
c	number	Create Area User ID
u	number	Company ID
mt	number	Map Type 0:Google 3:Baidu 4:Gaode
tp	number	Geographic Type 2:Village 3:Factory 4:Construction Site 5:Warehouse 6:Pier 7:Logistics Park 8:Fee Station 9:Tracking Point 10:Work Area 11:Patrol Area 12:Other
j	string	Lng
w	string	Lat

Correctly Returns Examples

```
{
  "result": 0,
```

```
  "marker":
    {
      "p": 0,
      "t": 0,
      "s": 0,
      "c": 1,
      "i": 110038,
      "n": "test,"
      "cl": "FF0000"
      "a": ,
      "m": 1,
      "r": 111,
      "j": 113.829487,
      "w": 22.652397,
      "mt": 4,
      "tp": 7
    }

}
```

Interface Desc And Error Code
  Delete Area
URL
  http://188.225.80.18:8088/MapMarkerAction_deleteMark.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	Area ID

Request Example
  http://188.225.80.18:8088/MapMarkerAction_deleteMark.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&id=1
Return Param Desc

Param Name	Param Type	Desc

Correctly Returns Examples

```
{
  "result": 0
}
```

Organization Management

Interface Desc And Error Code
  New Organization
URL
  http://188.225.80.18:8088/StandardApiAction_mergeCompany.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
name	string	Yes	No	Organization Name
account	string	Yes	No	Organization master account
parentId	number	Yes	No	Superior organization id (default 0)
encryptPwd	string	No	No	Account password (MD5 encryption)
password	string	No	No	Clear text password [Priority use encryptPwd, if both encryptPwd and password are empty, default 000000]

				Organization id (can only modify the company name [recommended parameter transfer method and new agreement, if you can not query according to id, perform new operations]
id	number	No	No	
isEabnleValidity	number	No	No	Whether to enable the validity period 0 not enabled 1 enabled
validity	string	No	No	Validity period yyyy-MM-dd HH:mm:ss
organizationCode	string	No	No	Road transport permit

Request Example

http://188.225.80.18:8088/StandardApiAction_mergeCompany.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&name=test&parentId=0&account=test&password=000000

Return Param Desc

Param Name	Param Type	Desc
result	number	0
id	number	Organization id

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Find Organization

URL

http://188.225.80.18:8088/StandardApiAction_findCompany.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	No	No	Organization id
name	string	No	No	Organization Name

Request Example

http://188.225.80.18:8088/StandardApiAction_findCompany.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&id=1

Return Param Desc

Param Name	Param Type	Desc
name	string	Organization Name
id	number	Organization id
level	number	Organization type: 1-Company, 12-Department, 15-Administrative Region
accountID	number	Organization master account Id
parentId	number	Superior organization id (default 0)

Correctly Returns Examples

```
{
  "result": 0,
  "company":
    {
      "id":2,
      "name":"test",
      "level":1,
      "parentId":0,
      "companyId":0
    }
}
```

Interface Desc And Error Code

Delete Organization

URL

http://188.225.80.18:8088/StandardApiAction_deleteCompany.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	Organization id
name	string	No	No	Organization Name

Request Example

http://188.225.80.18:8088/StandardApiAction_deleteCompany.action?jsession=83751-3b6b-49d8-a779-9fa52ca70109&id=1

Return Param Desc

Param Name	Param Type	Desc
result	number	0

Correctly Returns Examples

```
{
  "result": 0
}
```

Role Management

Interface Desc And Error Code

New Role

URL

http://188.225.80.18:8088/StandardApiAction_mergeUserRole.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
name	string	Yes	No	Role Name
privilege	string	Yes	No	Role PermissionsPermission Type It may be more than one, in order to ',' separation.
cid	number	Yes	No	Organization Id
id	number	No	No	Role id (can only modify the role permissions, can not change the company, if the id does not exist, then take the new operation. It is recommended to read the corresponding parameters in the transmission]

Request Example

http://188.225.80.18:8088/StandardApiAction_mergeUserRole.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&name=role1&cid=1&privilege=611,613

Return Param Desc

Param Name	Param Type	Desc
result	number	0
id	number	Role Id

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Find Role

URL

http://188.225.80.18:8088/StandardApiAction_findUserRole.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
name	string	No	No	Role Name
id	number	No	No	Role Id

Request Example

http://188.225.80.18:8088/StandardApiAction_findUserRole.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&id=1

Return Param Desc

Param Name	Param Type	Desc
name	string	Role Name
id	number	Role Id
privilege	string	Role Permissions
company	object	The organization to which the role belongs, parsing the reference company query

Correctly Returns Examples

```
{
  "result": 0,
  "role":
    [{
      "id":1,
      "name":"role1",
      "privilege":"613,24",
      "company":{
        "id":2,
        "name":"test",
        "level":1,
        "parentId":0,
        "companyId":0,
      }
    }]
}
```

Interface Desc And Error Code

Delete Role

URL

http://188.225.80.18:8088/StandardApiAction_deleteUserRole.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	Role Id

Request Example

http://188.225.80.18:8088/StandardApiAction_deleteUserRole.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&id=1

Return Param Desc

Param Name	Param Type	Desc
result	number	0

Correctly Returns Examples

```
{
  "result": 0
}
```

User Management

Interface Desc And Error Code

New User

URL

http://188.225.80.18:8088/StandardApiAction_mergeUserAccount.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
account	string	Yes	No	User Account
roleId	string	Yes	No	Role permission Id (multiple use English, split)
cid	number	Yes	No	Organization Id
encryptPwd	number	No	No	Account password (MD5 encryption)
password	number	No	No	Clear text password [Priority use encryptPwd, if both encryptPwd and password are empty, default 000000]
name	string	No	No	User name (default account name)
status	number	No	No	undefined
modifyPassword	number	No	No	Whether to prohibit the modification of the password 0-No 1-Yes; Default 0
singleLogin	number	No	No	Single sign-on: 0-no 1-yes; default 0
level	number	No	No	User level: 0-4 [corresponding to I-V]; default 0
validity	string	No	No	Account validity period [Format: 2019-04-02]
id	string	No	No	Used when modifying user information. If the id does not query the user, add a new operation. [Recommended to read first, then modify]

Request Example

http://188.225.80.18:8088/StandardApiAction_mergeUserAccount.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&account=test1&cid=1&roleId=1&password=000000

Return Param Desc

Param Name	Param Type	Desc
result	number	0
id	number	User Id

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Find User

URL

http://188.225.80.18:8088/StandardApiAction_findUserAccount.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
name	string	No	No	User name (default account name)
id	number	No	No	User Id

Request Example

http://188.225.80.18:8088/StandardApiAction_findUserAccount.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&id=1

Return Param Desc

Param Name	Param Type	Desc
user	object	User Info
user.id	number	User Id
user.act	number	User Account
user.nm	number	User name (default account name)
user.isSingleLogin	number	Single sign-on: 0-no 1-yes; default 0
user.stu	number	undefined
user.vld	number	Account validity period [Format: 2019-04-02] (millisecond)
user.at	number	Whether the main account is 0-no, 1- is
user.cps	number	Whether to prohibit the modification of the password 0-No 1-Yes; Default 0

user.lv	number	User level: 0-4 [corresponding to I-V]; default 0
user.dis	number	User Type: 0-Normal User 1-Scheduled User; Default 0
user.rid	string	Role Id
user.rnm	number	Role Name,Multiple corresponding to the role id order
user.pid	number	Organization Id
user.pnm	number	Organization Name
company	object	That is, the current jsession login user belongs to the organization, parsing the reference company query

Correctly Returns Examples

```
{
  "result": 0,
  "user":
    {
      "id":1,
      "lv":0,
      "dis":0,
      "vld":null,
      "isSingleLogin":0,
      "cps":0,
      "rid":1,
      "rnm":"role",
      "pid":1
      "pnm":"company1",
      "act":"diao4",
      "nm":"diaodu4"
      "at":0,
      "stu":1,
      "dis":0
    }
}
```

Interface Desc And Error Code
  Delete User
URL
  http://188.225.80.18:8088/StandardApiAction_deleteUserAccount.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	User Id

Request Example
  http://188.225.80.18:8088/StandardApiAction_deleteUserAccount.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&id=1
Return Param Desc

Param Name	Param Type	Desc
result	number	0

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code
  Obtain user device authorization
URL
  http://188.225.80.18:8088/AccountAction_getUserDeviceAuthorization.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession

Request Example

http://188.225.80.18:8088/AccountAction_getUserDeviceAuthorization.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109

Return Param Desc

Param Name	Param Type	Desc
infos	object	Authorization information
infos.id	number	Vehicle ID
infos.name	string	Plate Number
infos.companyName	string	Company Name

Correctly Returns Examples

```
{
  "result": 0,
  "info":
    [{
      "id":1,
      "name":"12345",
      "companyName":"xxxxx"
    }]
}
```

Interface Desc And Error Code

Increase user device authorization

URL

http://188.225.80.18:8088/AccountAction_addUserDeviceAuthorization.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
account	string	Yes	No	User name (default account name)
id	number	Yes	No	Vehicle ID

Request Example

http://188.225.80.18:8088/AccountAction_addUserDeviceAuthorization.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&account=test1&id=1

Return Param Desc

Param Name	Param Type	Desc
result	number	0

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Delete user device authorization

URL

http://188.225.80.18:8088/AccountAction_delUserDeviceAuthorization.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
account	string	Yes	No	User name (default account name)
id	number	Yes	No	Vehicle ID

Request Example

http://188.225.80.18:8088/AccountAction_delUserDeviceAuthorization.action?jsession=d4683751-3b6b-49d8-a779-9fa52ca70109&account=test1&id=1

Return Param Desc

Param Name	Param Type	Desc
result	number	0

Driver Management

Interface Desc And Error Code

Inquire whether the driver of the vehicle has changed according to the equipment number

URL

http://188.225.80.18:8088/StandardApiAction_findDriverInfoByDeviceId.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
devIdno	string	Yes	No	Device No.
lastUpdateTime	date	Yes	No	Date of most recent driver list download

Request Example

http://188.225.80.18:8088/StandardApiAction_findDriverInfoByDeviceId.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&devIdno=s1234b&lastUpdateTime=2018-11-29 00:00:00

Return Param Desc

Param Name	Param Type	Desc
needUpdate	object	0: indicates that update is required; 1: no update is required.

Correctly Returns Examples

```
{
    "result":"0",
    "needUpdate":"0"
}
```

(1)URL

http://188.225.80.18:8088/StandardApiAction_findDriverInfoByDeviceId.action?jsession=ecf4731bf46146d0ab5f8bb4e79c9eec&devIdno=s1234b&lastUpdateTime=2018-04-27 09:54:42

(1)Param Desc

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	After user login returning jsession If it is empty, it is determined that the account and password.
devIdno	string	Yes	No	Device No. If the devIdno is empty, it is judged that the vehiIdno.
lastUpdateTime	string	Yes	No	Date of most recent driver list download

Interface Desc And Error Code

Query the driver of the vehicle according to the equipment number

URL

http://188.225.80.18:8088/StandardApiAction_findVehicleInfoByDeviceId.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession

devIdno	string	Yes	No	Device No.

Request Example

Return Param Desc

Param Name	Param Type	Desc
id	number	Driver id
jn	string	Driver's Work Number
dn	string	person name
sx	number	Gender 1 male 2 female
dt	string	Contact
cn	string	ID number
bt	date	date of birth
ln	string	Driver's license number
pid	number	Company ID
rd	date	Driver's license date
vd	date	Driver's License Expiration Date
pst	number	Job ID 1 driver 2 flight attendant
crd	number	IC card ID
rmk	string	Remark
updateTime	date	Update time
licenseSrc	string	document photo
qltSrc	string	Qualification photo
transportStatus	number	Transport status 0 not transported 1 transported
qltNum	string	Driver's Work Number
startTime	date	Start Date
reminderDays	number	Days Ahead Of Schedule
licenseType	string	Type Of Driver's License
companyId	number	Company ID
companyStr	string	Company Name
birthplace	string	Birthplace
area	string	Area
nuclearAuthority	string	NuclearAuthority
address	string	address
drivingTime	numer	Total Driving Time(h)
drivingScore	numer	Grade
drivingLiCheng	number	Cumulative Driving Mileage(Km)
idNumberImgUrl	string	undefined
rdt	string	Transport certificate
rdtUrl	string	Transport certificate Photo
alipayUrl	string	Ali Pay QR Code
wechatpayUrl	string	Wechat Pay QR Code
vehiIDNO	string	Plate Number
licenseNumImgUrl	string	Driver license photo
facePhotoUrl	string	face library
perfectStatus	string	Information complete status 0 not complete 1 complete
isMain	boolean	Is main driver?

Correctly Returns Examples

```
{
    "result":0,
    "drivers":[
        {
            "address":"",
            "id":3,
            "startTime":1262361600000,
            "licenseType":"C1",
            "companyId":4,
            "area":"",
            "updateTime":1596765277000,
            "vehiIDNO":"S12345",
            "nuclearAuthority":"",
            "qltNum":null,
            "rd":1357056000000,
            "jn":"123123123",
            "drivingTime":null,
            "bt":1596384000000,
            "facePhotoUrl":"175252151680100_face.png",
            "birthplace":"",
            "vd":1546358400000,
            "reminderDays":123,
            "ln":"242019197702208205",
            "etQltSrc":null,
            "qltSrc":null,
```

```
            "cn":"12312312312312",
            "sx":1,
            "drivingScore":null,
            "licenseSrc":"175254206338500_face.jpg",
            "dn":"12312321",
            "dt":"123123123",
            "idNumberImgUrl":"237987344706000_cardNumberImgUrl.jpg",
            "drivingLiCheng":null,
            "licenseNumImgUrl":"175249118379800_licenseNumUrl.png",
            "companyStr":"xxx",
            "rdt":"",
            "pst":1,
            "pid":4,
            "transportStatus":0,
            "rmk":null,
            "rdtUrl":"175245778401400_jobNumImgUrl.png",
            "perfectStatus":0,
            "etQltNum":null,
            "alipayUrl":null,
            "wechatpayUrl":null,
            "crd":null,
            "isMain":false
        },
        {
            "address":"",
            "id":4,
            "startTime":1278864000000,
            "licenseType":"C1",
            "companyId":4,
            "area":"",
            "updateTime":1596421396000,
            "vehiIDNO":"S12345",
            "nuclearAuthority":"",
            "qltNum":null,
            "rd":1278864000000,
            "jn":"driver C",
            "drivingTime":null,
            "bt":1596384000000,
            "facePhotoUrl":"",
            "birthplace":"",
            "vd":1468252800000,
            "reminderDays":1,
            "ln":"258241197007142515",
            "etQltSrc":null,
            "qltSrc":null,
            "cn":"C",
            "sx":1,
            "drivingScore":null,
            "licenseSrc":null,
            "dn":"driver C",
            "dt":"C",
            "idNumberImgUrl":null,
            "drivingLiCheng":null,
            "licenseNumImgUrl":"238087260796700_licenseNumUrl.jpg",
            "companyStr":"xxx",
            "rdt":"",
            "pst":1,
            "pid":4,
            "transportStatus":0,
            "rmk":null,
            "rdtUrl":null,
            "perfectStatus":0,
            "etQltNum":null,
            "alipayUrl":"240350059311800_alipay.png",
            "wechatpayUrl":"240352520592400_wechatpay.png",
            "crd":null,
            "isMain":false
        }
    ]
}
```

(1)URL

http://188.225.80.18:8088/StandardApiAction_findVehicleInfoByDeviceId.action?jsession=ecf4731bf46146d0ab5f8bb4e79c9eec&devIdno=s1234b

(1)Param Desc

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	After user login returning jsession If it is empty, it is determined that the account and password.
devIdno	string	Yes	No	Device No. If the devIdno is empty, it is judged that the vehiIdno.

Interface Desc And Error Code

Query driver information based on qualification certificate code/driver's license number

URL

http://188.225.80.18:8088/StandardApiAction_findVehicleInfoByDeviceJn.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
type	string	Yes	No	1 Query according to the license code 2 Query according to the driver's license number
content	string	Yes	No	Driver's Work Number/Driver's license number

Request Example

http://188.225.80.18:8088/StandardApiAction_findVehicleInfoByDeviceJn.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&type=2&content=212121

Return Param Desc

Param Name	Param Type	Desc
id	number	Driver id
jn	string	Driver's Work Number
dn	string	person name
sx	number	Gender 1 male 2 female
dt	string	Contact
cn	string	ID number
bt	date	date of birth
ln	string	Driver's license number
pid	number	Company ID
rd	date	Driver's license date
vd	date	Driver's License Expiration Date
pst	number	Job ID 1 driver 2 flight attendant
crd	number	IC card ID
rmk	string	Remark
updateTime	date	Update time
licenseSrc	string	document photo
qltSrc	string	Qualification photo
transportStatus	number	Transport status 0 not transported 1 transported
qltNum	string	Driver's Work Number
startTime	date	Start Date
reminderDays	number	Days Ahead Of Schedule
licenseType	string	Type Of Driver's License
companyId	number	Company ID
companyStr	string	Company Name
birthplace	string	Birthplace
area	string	Area
nuclearAuthority	string	NuclearAuthority
address	string	address
drivingTime	numer	Total Driving Time(h)
drivingScore	numer	Grade
drivingLiCheng	number	Cumulative Driving Mileage(Km)
idNumberImgUrl	string	undefined
rdt	string	Transport certificate
rdtUrl	string	Transport certificate Photo
alipayUrl	string	Ali Pay QR Code
wechatpayUrl	string	Wechat Pay QR Code
vehiIDNO	string	Plate Number
licenseNumImgUrl	string	Driver license photo
facePhotoUrl	string	face library

| perfectStatus | string | Information complete status 0 not complete 1 complete |
| isMain | boolean | Is main driver? |

Correctly Returns Examples

```
{
    "result":0,
    "drivers":[
        {
            "address":"",
            "id":3,
            "startTime":1262361600000,
            "licenseType":"C1",
            "companyId":4,
            "area":"",
            "updateTime":1596765277000,
            "vehiIDNO":"S12345",
            "nuclearAuthority":"",
            "qltNum":null,
            "rd":1357056000000,
            "jn":"123123123",
            "drivingTime":null,
            "bt":1596384000000,
            "facePhotoUrl":"175252151680100_face.png",
            "birthplace":"",
            "vd":1546358400000,
            "reminderDays":123,
            "ln":"242019197702208205",
            "etQltSrc":null,
            "qltSrc":null,
            "cn":"12312312312312",
            "sx":1,
            "drivingScore":null,
            "licenseSrc":"175254206338500_face.jpg",
            "dn":"12312321",
            "dt":"123123123",
            "idNumberImgUrl":"237987344706000_cardNumberImgUrl.jpg",
            "drivingLiCheng":null,
            "licenseNumImgUrl":"175249118379800_licenseNumUrl.png",
            "companyStr":"xxx",
            "rdt":"",
            "pst":1,
            "pid":4,
            "transportStatus":0,
            "rmk":null,
            "rdtUrl":"175245778401400_jobNumImgUrl.png",
            "perfectStatus":0,
            "etQltNum":null,
            "alipayUrl":null,
            "wechatpayUrl":null,
            "crd":null,
            "isMain":false
        },
        {
            "address":"",
            "id":4,
            "startTime":1278864000000,
            "licenseType":"C1",
            "companyId":4,
            "area":"",
            "updateTime":1596421396000,
            "vehiIDNO":"S12345",
            "nuclearAuthority":"",
            "qltNum":null,
            "rd":1278864000000,
            "jn":"driver C",
            "drivingTime":null,
            "bt":1596384000000,
            "facePhotoUrl":"",
            "birthplace":"",
            "vd":1468252800000,
            "reminderDays":1,
            "ln":"258241197007142515",
            "etQltSrc":null,
            "qltSrc":null,
            "cn":"C",
```

```
            "sx":1,
            "drivingScore":null,
            "licenseSrc":null,
            "dn":"driver C",
            "dt":"C",
            "idNumberImgUrl":null,
            "drivingLiCheng":null,
            "licenseNumImgUrl":"238087260796700_licenseNumUrl.jpg",
            "companyStr":"xxx",
            "rdt":"",
            "pst":1,
            "pid":4,
            "transportStatus":0,
            "rmk":null,
            "rdtUrl":null,
            "perfectStatus":0,
            "etQltNum":null,
            "alipayUrl":"240350059311800_alipay.png",
            "wechatpayUrl":"240352520592400_wechatpay.png",
            "crd":null,
            "isMain":false
        }
    ]
}
```

Interface Desc And Error Code

Query Details Of Driver's Punch Card Record

URL

http://188.225.80.18:8088/StandardApiAction_queryPunchCardRecode.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehildno	string	No	No	Plate Number It may be more than one, in order to ',' separation.
dids	string	No	No	Driver id It may be more than one, in order to ',' separation.
begintime	string	Yes	No	Start Time
endtime	string	Yes	No	undefined
toMap	string	No	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates
geoaddress	string	No	No	Analysis of geographical position 1 provides resolution geographic location services If you don't pass it, don't analysis the location
currentPage	string	No	No	Current Page If empty, no paging.
pageRecords	string	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_queryPunchCardRecode.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&vehildno=1111111&begintime=2020-05-18 00:00:00&endtime=2020-06-17 23:59:59&toMap=2&currentPage=1&pageRecords=10

Return Param Desc

Param Name	Param Type	Desc
guid	string	Alarm Unique Number
vid	number	Vehicle ID
vehi	string	Plate Number
cnm	string	Company Name
dev	string	Device No.
stm	number	Alarm Start Time (UTC) in seconds

etm	number	Alarm End Time (UTC) in seconds
atp	number	Alarm Type
info	number	Alarm Info
p1	number	Alarm Param 1 Details See also:Alarm Param Desc
p2	number	Alarm Param 2 Details See also:Alarm Param Desc
p3	string	Alarm Param 3 Details See also:Alarm Param Desc
p4	number	Alarm Param 4 Details See also:Alarm Param Desc
desc	string	Punch information, use';' to split. Driver name|Issuing authority|ID number|Qualification code
ddinfo	string	Punch driver name
issu	string	Card issuing authority
idCard	string	Punch driver ID number
cert	string	Code for the driver's qualification card
ss1	number	Alarm Start Status 1 Details See also:Alarm Status Desc
ss2	number	Alarm Start Status 2 Details See also:Alarm Status Desc
es1	number	Alarm End Status 1 Details See also:Alarm Status Desc
es2	number	Alarm End Status 2 Details See also:Alarm Status Desc
slng	number	Alarm Start Lng
slat	number	Alarm Start Lat
elng	number	Alarm End Lng
elat	number	Alarm End Lat
smlat	string	Alarm Start Map Lat Get the lat through the conversion
emlat	string	Alarm End Map Lat Get the lat through the conversion
sps	string	Alarm start location The geographic location after analysis or (alarm start map longitude, alarm start map latitude)
eps	string	Alarm end location The geographic location after the analysis (or the end of the map, the longitude of the alarm, the latitude of the end of the map)
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records
vehicleList	array	Vehicle list

Correctly Returns Examples

```
{
  "result": 0,
  "pagination": {
      "sortParams": null,
      "primaryKey": "id",
      "hasPreviousPage": false,
      "previousPage": 1,
      "startRecord": 0,
      "currentPage": 1,
      "totalPages": 7,
      "endRecord": 2,
      "hasNextPage": true,
      "nextPage": 2,
      "directQuery": false,
      "pageRecords": 2,
      "totalRecords": 14
    },
    "infos": [
        {
          "issu": "",
          "ddinfo": "",
          "cert": "111111111111111111",
          "idCard": "",
          "vehi": "test1111",
          "dev": "11111111",
          "desc": "",
          "info": 0,
```

```
            "p3": 0,
            "p2": 2,
            "p1": 6,
            "p4": 51,
            "vid": 12530,
            "cnm": "test",
            "elng": null,
            "elat": null,
            "slat": 30187469,
            "slng": 120204966,
            "ss1": -2147469949,
            "ss2": 17305600,
            "es1": null,
            "es2": null,
            "guid": "B0ADB4B9C1F94C4E84EF7AE9D9C7AB20",
            "emlat": null,
            "smlat": "30.187469,120.204966",
            "stm": 1591790591000,
            "etm": null,
            "atp": 442,
            "eps": "",
            "sps": "30.187469,120.204966"
        }]
}
```

Interface Desc And Error Code

Query Identify Alarm

URL

http://188.225.80.18:8088/StandardApiAction_queryIdentifyAlarm.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
vehildno	string	No	No	Plate Number It may be more than one, in order to ',' separation.
dids	string	No	No	Driver id It may be more than one, in order to ',' separation.
begintime	string	Yes	No	Start Time
endtime	string	Yes	No	undefined
toMap	string	No	No	Map Coordinates Conversion 1 shows Coordinates converted to Google Maps Coordinates, 2 shows the Coordinates converted to Baidu map Coordinates
geoaddress	string	No	No	Analysis of geographical position 1 provides resolution geographic location services If you don't pass it, don't analysis the location
currentPage	string	No	No	Current Page If empty, no paging.
pageRecords	string	No	No	Page Record If empty, no paging.

Request Example

http://188.225.80.18:8088/StandardApiAction_queryIdentifyAlarm.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&vehildno=11111111&begintime=2020-05-1 00:00:00&endtime=2020-06-19 23:59:59&toMap=2

Return Param Desc

Param Name	Param Type	Desc
guid	string	Alarm Unique Number
vid	number	Vehicle ID
vehi	string	Plate Number
cnm	string	Company Name
dev	string	Device No.
stm	number	Alarm Start Time (UTC) in seconds

etm	number	Alarm End Time (UTC) in seconds
atp	number	Alarm Type
info	number	Alarm Info Recognition result, 0: recognition failure 1: recognition success
p1	number	Alarm Param 1 Recognition success means contrast, zoom in 100
p2	number	Alarm Param 2 The lower 16 bits indicate failure similarity, and the higher 16 bits indicate passing similarity
p3	string	Alarm Param 3 Recognition failure means failure type 0: invalid 1: recognition failure 2: unrecognizable 3: comparison failure
p4	number	Alarm Param 4 Driver id
desc	string	Alarm Info
ss1	number	Alarm Start Status 1 Details See also:Alarm Status Desc
ss2	number	Alarm Start Status 2 Details See also:Alarm Status Desc
es1	number	Alarm End Status 1 Details See also:Alarm Status Desc
es2	number	Alarm End Status 2 Details See also:Alarm Status Desc
slng	number	Alarm Start Lng
slat	number	Alarm Start Lat
elng	number	Alarm End Lng
elat	number	Alarm End Lat
smlat	string	Alarm Start Map Lat Get the lat through the conversion
emlat	string	Alarm End Map Lat Get the lat through the conversion
sps	string	Alarm start location The geographic location after analysis or (alarm start map longitude, alarm start map latitude)
eps	string	Alarm end location The geographic location after the analysis (or the end of the map, the longitude of the alarm, the latitude of the end of the map)
totalPages	number	Total Page
currentPage	number	Current Page
pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
  "pagination": {
      "sortParams": null,
      "primaryKey": "id",
      "hasPreviousPage": false,
      "previousPage": 1,
      "startRecord": 0,
      "currentPage": 1,
      "totalPages": 1,
      "endRecord": 0,
      "hasNextPage": false,
      "nextPage": 1,
      "directQuery": false,
      "pageRecords": 10,
      "totalRecords": 6
  },
  "infos": [
      {
          "vehi": "015800098111",
          "dev": "015800098111",
          "desc": "",
          "info": 0,
          "p3": 33,
          "p2": 12189696,
          "p1": 48550,
          "p4": 0,
          "vid": 14667,
          "cnm": "test",
```

```
        "elng": null,
        "elat": null,
        "slat": -859058943,
        "slng": 1073739000,
        "ss1": -2147447551,
        "ss2": 33099776,
        "es1": null,
        "es2": null,
        "guid": "C121EB7B3E8E4377849D6899ED1CD553",
        "emlat": null,
        "smlat": "-859.058943,1073.739000",
        "stm": 1589961877000,
        "etm": null,
        "atp": 646,
        "eps": "",
        "sps": "-859.058943,1073.739000"
    }]
}
```

Interface Desc And Error Code

Query Driver List

URL

http://188.225.80.18:8088/StandardApiAction_queryDriverList.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
dName	string	No	No	Driver name, Fuzzy search

Request Example

http://188.225.80.18:8088/StandardApiAction_queryDriverList.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&dName=ABC

Return Param Desc

Param Name	Param Type	Desc
id	number	Driver id
jn	number	Driver's Work Number
dn	string	Driver Name
sx	string	Gender 1 male 2 female
dt	string	Contact
cn	number	ID number
bt	number	date of birth
ln	number	Driver's license number
pid	number	Company ID
rd	number	Driver's license date
vd	number	Driver's License Expiration Date
reminderDays	string	Days Ahead Of Schedule
licenseType	number	Type Of Driver's License
birthplace	string	Birthplace
area	number	Area
nuclearAuthority	number	NuclearAuthority
address	number	address

Correctly Returns Examples

```
{
  "result": 0,
  "infos": [
        {
            "address": null,
            "id": 30,
            "startTime": 1557128971000,
            "reminderDays": 3,
            "licenseType": "A1",
            "rdt": "",
            "rdtUrl": "",
            "qltNum": null,
            "etQltNum": null,
            "sx": 1,
            "cn": "ABCD1111111111",
            "vd": 111111111111111,
```

```
            "pst": 1,
            "rmk": null,
            "birthplace": null,
            "bt": 1557128971000,
            "rd": 1557128971000,
            "companyId": null,
            "area": null,
            "updateTime": 1571980168000,
            "qltSrc": "",
            "perfectStatus": 0,
            "etQltSrc": "",
            "drivingScore": 0,
            "facePhotoUrl": "",
            "drivingTime": 0,
            "pid": 4,
            "nuclearAuthority": null,
            "jn": "ABCD1111111111",
            "dn": "ABCD1111",
            "dt": "33333333",
            "ln": "ABCD11111111111111",
            "transportStatus": 0,
            "idNumberImgUrl": "",
            "drivingLiCheng": 0
        }
    ]
}
```

Interface Desc And Error Code

Add / modify driver

URL

http://188.225.80.18:8088/DriverAction_mergeDriver.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	No	No	It is used when modifying the driver information. If the ID cannot find the driver, the driver will be added. [it is recommended to read before modifying]
jobNum	string	Yes	No	Driver's Work Number
name	string	Yes	No	Driver Name
contact	string	Yes	No	Contact
cardNumber	string	Yes	No	ID number
sex	number	Yes	No	Gender 1 male 2 female
licenseNum	string	Yes	No	Driver's license number
licenseType	string	Yes	No	Type Of Driver's License
birth	string	Yes	No	date of birth
rushDate	string	Yes	No	Driver's license date
startTime	string	Yes	No	Start time of the valid date of the certificate
validity	string	Yes	No	Driver's License Expiration Date
reminderDays	number	Yes	No	Days Ahead Of Schedule
companyName	string	Yes	No	Company Name
postId	number	No	No	Job ID 1 driver 2 flight attendant
remark	string	No	No	Remark
enable	number	No	No	Is it used
licenseSrc	string	No	No	Driver's license photo address
qltSrc	string	No	No	Photo address of qualification certificate
transportStatus	number	No	No	Transport status 0 not transported 1 transported

perfectStatus	number	No	No	Information complete status 0 not complete 1 complete
etQltSrc	string	No	No	Photo address of escort qualification certificate
qltNum	string	No	No	Driver's license number
birthplace	string	No	No	Birthplace
area	string	No	No	Area
nuclearAuthority	string	No	No	NuclearAuthority
vehiIDNO	string	No	No	Plate Number
address	string	No	No	address
facePhotoUrl	string	No	No	face library,Call the upload image interface to get the return value
drivingTime	number	No	No	Cumulative driving time
drivingScore	number	No	No	Grade
drivingLiCheng	number	No	No	Accumulated driving mileage
idNumberImgUrl	string	No	No	ID photo address,Call the upload image interface to get the return value
roadTransport	string	No	No	Road transportation qualification certificate
roadTransportImgUrl	string	No	No	Photo address of road transportation qualification certificate,Call the upload image interface to get the return value
complaintsNumbers	number	No	No	Number of complaints
processedNumbers	number	No	No	Processed times
supervisionCardNum	string	No	No	Supervision Card Number
supervisionCardReviewTime	date	No	No	Supervision Card Validity Period
supervisionCardStatus	number	No	No	Supervision Card Status

Request Example

http://188.225.80.18:8088/DriverAction_mergeDriver.action?
jsession=979e77bc272e45ed803fb990aea83dba&jobNum=lll456&name=name&contact=&cardNumber=8125456&sex=2&licenseNum=898989&licenseType=B&birth=1999-
10-21&rushDate=2019-12-12&startTime=2020-10-21&validity=2020-10-21&reminderDays=7&companyName=lwm

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.
id	number	Driver id

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

find Driver

URL

http://188.225.80.18:8088/DriverAction_loadDriver.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	Driver id

Request Example

http://188.225.80.18:8088/DriverAction_loadDriver.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&id=1

Return Param Desc

Param Name	Param Type	Desc
id	number	Driver id
jobNum	number	Driver's Work Number
name	string	Driver Name
sex	string	Gender 1 male 2 female
contact	string	Contact

cardNumber	number	ID number
birth	number	date of birth
licenseNum	number	Driver's license number
companyId	number	Company ID
companyName	string	Company Name
rushDate	number	Driver's license date
validity	number	Driver's License Expiration Date
postId	string	Job ID 1 driver 2 flight attendant
cardId	number	IC card ID
remark	string	Remark
enable	number	Is it used
licenseSrc	number	Driver's license photo address
qltSrc	number	Photo address of qualification certificate
transportStatus	string	Transport status 0 not transported 1 transported
perfectStatus	number	Information complete status 0 not complete 1 complete
etQltSrc	string	Photo address of escort qualification certificate
qltNum	number	Driver's license number
startTime	number	Start time of the valid date of the certificate
reminderDays	number	Days Ahead Of Schedule
licenseType	string	Type Of Driver's License
birthplace	number	Birthplace
area	string	Area
nuclearAuthority	number	NuclearAuthority
vehiId	number	Vehicle ID
vehiIDNO	number	Plate Number
address	string	address
facePhotoUrl	number	face library
drivingTime	string	Cumulative driving time
drivingScore	number	Grade
drivingLiCheng	number	Accumulated driving mileage
idNumberImgUrl	number	ID photo address
roadTransport	number	Road transportation qualification certificate
roadTransportImgUrl	number	Photo address of road transportation qualification certificate
complaintsNumbers	number	Number of complaints
processedNumbers	number	Processed times
clock	number	Whether to check in the driver

Correctly Returns Examples

```
{
  "result": 0{
    "result":0,
    "driver":{
        "address":"address",
        "name":"name",
        "id":2,
        "startTime":1262361600000,
        "licenseType":"driver s license type",
        "nuclearAuthority":"issuing authority",
        "vehiIDNO":null,
        "companyId":5,
        "area":"area",
        "validity":1514822400000,
        "updateTime":1603966552000,
        "remark":null,
        "contact":"",
        "jobNum":"certificate code",
        "sex":1,
        "processedNumbers":null,
        "complaintsNumbers":null,
        "vehiId":null,
        "company":null,
        "companyName":"222",
        "cardId":1,
        "card":null,
        "licenseSrc":"291904389262300_face.png",
        "alipayQrCodeUrl":"291907711081600_alipay.png",
        "drivingLiCheng":null,
        "wechatpayQrCodeUrl":"291910758997800_wechatpay.png",
        "idNumberImgUrl":"",
        "licenseNumImgUrl":"291962842501900_licenseNumUrl.png",
        "roadTransportImgUrl":"291938388698100_jobNumImgUrl.png",
        "licenseNum":"242521197001102412",
```

```
        "cardNumber":"233512",
        "enable":null,
        "birth":1598889600000,
        "qltNum":null,
        "qltSrc":null,
        "delPhotoUrl":null,
        "facePhotoUrl":"291898523468800_face.png;291898583437800_face.png",
        "etQltSrc":null,
        "postId":1,
        "drivingTime":null,
        "birthplace":"nativePlace",
        "reminderDays":21,
        "roadTransport":"road transport qualification certificate",
        "drivingScore":null,
        "transportStatus":0,
        "etQltNum":null,
        "clock":false,
        "rushDate":1325433600000,
        "perfectStatus":0
    }
}
}
```

Interface Desc And Error Code

Delete driver

URL

http://188.225.80.18:8088/DriverAction_deleteDriver.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	Driver id It may be more than one, in order to ',' separation.

Request Example

http://188.225.80.18:8088/DriverAction_deleteDriver.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&id=1

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

upload image

(1)File path description, download all the reference files below, and place them in the same folder according to the example path

```
    ├── jquery.min.js
    ├── WebUploaderUtil.js
    ├── webUploader
    │   ├── Uploader.swf
    │   ├── webuploader.css
    │   └── webuploader2.js
```

(2)The introduction of jquery.min.js and webuploader2.js and webuploader.css

(3)JavaScript Code

See Also:Reference JavaScript Code

Reference File

File	Caption
http://188.225.80.18:8088/808gps/OperationManagement/js/WebUploaderUtil.js	File required for uploading picture method

http://188.225.80.18:8088/808gps/open/player/js/jquery.min.js	File required for uploading picture method
http://188.225.80.18:8088/js/webUploader/Uploader.swf	File required for uploading picture method
http://188.225.80.18:8088/js/webUploader/webuploader.css	File required for uploading picture method
http://188.225.80.18:8088/js/webUploader/webuploader2.js	File required for uploading picture method

Call Method

http://localhost:88/WebuploaderApiAction_ajaxAttachUploadDriver.action?jsession=D60E0E9E23B754BBC8EAA01741F04DB1

Operation Example

(1)Operation Example

No

(2)Reference JavaScript Code

```
html code:
        <div class="td-licenseSrc">
        <div id="uploader-demo">
                <div id="filePicker">upload pictures</div>
                <div id="fileList" class="uploader-list"></div>
            </div>
    </div>

JavaScript code:
function loadPage() {
        //Upload pictures to the server
        loadUploader();
}

function loadUploader() {
    var $ = jQuery,
        $list = $('#fileList'),
        //Optimize retina, under retina this value is 2
        ratio = window.devicePixelRatio || 1,
        allMaxSize = 10,
        //Thumbnail size
        thumbnailWidth = 80 * ratio,
        thumbnailHeight = 80 * ratio,

        //Web Uploader instance
        uploader;

    //Initialize Web Uploader
    uploader = WebUploader.create({
        //Automatically upload.
        auto: true,
        //swf file path
        swf: 'webUploader/Uploader.swf',
        //File receiving server.
        server: 'http://localhost:88/WebuploaderApiAction_ajaxAttachUploadDriver.action?jsession=D60E0E9E23B754BBC8EAA01741F04DB1',
        //[Default: 'file'] Set the name of the file upload domain.
        fileVal: 'upload',
        //Button to select file. Optional.
        //It is created internally according to the current operation. It may be an input element or flash.
        pick: '#filePicker',
        //Repeatable
        //duplicate:true,
        //Only allows file selection, optional.
        accept: {
            title: 'Images',
            extensions: 'gif,jpg,jpeg,bmp,png',
            mimeTypes: 'image/*'
```

```
        },
        fileSingleSizeLimit: allMaxSize * 1024 * 1024,//The size limit is 1M, single file, no selection will be made if it exceeds th
e limit
    });

    //When a file is added
    uploader.on('fileQueued', function (file) {
        var imgSize = $('#fileList img').length;
        if (imgSize > 5) {
alert("Cannot be larger than 5 pictures");
            return;
        }
        var $li = $(
            '<div id="' + file.id + '" class="file-item thumbnail" style="float: left;margin-left: 5px;">' +
            '<img>' +
            '<div class="info">' + file.name + '</div>' +
            '</div>'
            ),
            $img = $li.find('img');

        var $btns = $('<div class="file-panel">' +
'').appendTo($li);

        $list.append($li);

        $btns.on('click', 'span', function () {
            removeFile(file);
        });

        //Create thumbnail
        uploader.makeThumb(file, function (error, src) {
            if (error) {
$img.replaceWith('' + "Cannot preview" + '');
                return;
            }

            $img.attr('src', src);
        }, thumbnailWidth, thumbnailHeight);
    });

    //Responsible for the destruction of view
    function removeFile(file) {
        var $li = $('#' + file.id);
        $li.off().find('.file-panel').off().end().remove();
        for (var i = 0; i < facePhotoUrl.length; i++) {
            if (facePhotoUrl[i].id == file.id) {
                delPhotoUrl.push(facePhotoUrl[i].name);
                facePhotoUrl.splice(i, 1);
            }
        }
        uploader.removeFile(file, true);
    }

    //A progress bar is created and displayed in real time during the file upload process.
    uploader.on('uploadProgress', function (file, percentage) {
        var $li = $('#' + file.id),
            $percent = $li.find('.progress span');

        //Avoid duplicate creation
        if (!$percent.length) {
            $percent = $('<p class="progress"><span></span></p>')
                .appendTo($li)
                .find('span');
        }

        $percent.css('width', percentage * 100 + '%');
    });
    var frequently = false;
    //The file is uploaded successfully, adding a successful class to the item, and using the style to mark the upload as successful.
    uploader.on('uploadSuccess', function (file, data) {
        if (data.result == 0) {
            if (facePhotoUrl.length < 6) {
                facePhotoUrl.push({id: file.id, name: data.name});
            }
            $('#' + file.id).addClass('upload-state-done');
```

```
        } else if (data.result == 104) {
            removeFile(file);
            if (!frequently) {
alert("Uploading is too frequent, please continue later...");
            }
            frequently = true;
        }

    });

    //File upload failed, actual upload error.
    uploader.on('uploadError', function (file) {
        var $li = $('#' + file.id),
            $error = $li.find('div.error');
        //Avoid duplicate creation
        if (!$error.length) {
            $error = $('<div class="error"></div>').appendTo($li);
        }

$error.text("Upload failed");
    });

    uploader.on('error', function (type) {
        if (type == "F_DUPLICATE") {
alert('Please do not select files repeatedly');
        } else if (type == "F_EXCEED_SIZE") {
alert('File size cannot exceed 1M');
        }
    });

    //When the upload is complete, whether successful or failed, delete the progress bar first.
    uploader.on('uploadComplete', function (file) {
        $('#' + file.id).find('.progress').remove();
    });

    $('.submit', '#toolbar-btn').on('click', function () {
        uploader.upload();
    });
}
```

SIM Management

Interface Desc And Error Code
  Add SIM
URL
  http://188.225.80.18:8088/StandardApiAction_mergeSIMInfo.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	No	No	SIM ID When modifying the SIM, the parameters must be passed!
cardNum	string	Yes	No	SIM Card
companyName	string	Yes	No	Company Name Chinese reference, format reference
registrationTime	string	No	No	Registration time (default current time, old time will not be transmitted when modified) 2020-03-03 10:10:10
status	number	No	No	Use status 0 is not enabled, 1 is enabled, default 1
remark	string	No	No	Remark Chinese reference, format reference

city	string	No	No	Issuing City Chinese reference, format reference
operator	string	No	No	Operator Chinese reference, format reference
devIdno	string	No	No	Bind the device number (the company of the device and the company of the sim are the same to bind successfully)

Request Example

http://188.225.80.18:8088/StandardApiAction_mergeSIMInfo.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&cardNum=1000000&companyName=9889

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code

Find SIM

URL

http://188.225.80.18:8088/StandardApiAction_findSIMInfo.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	SIM ID

Request Example

http://188.225.80.18:8088/StandardApiAction_findSIMInfo.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&id=1

Return Param Desc

Param Name	Param Type	Desc
id	string	SIM ID
vehiIDNO	string	Plate Number
remark	string	Remark
status	number	Use status 0 is not enabled, 1 is enabled, default 1
registrationTime	number	Registration (milliseconds)
companyName	string	Company Name
install	number	Bound device 0 means unbound, 1 means bound
devId	number	Device ID
companyID	number	Company ID
cardNum	string	SIM Card
devIDNO	string	Equipment number
operator	string	Operator
city	string	Issuing City

Correctly Returns Examples

```
{
  "result": 0,
  "sim": {
      "id": 25,
      "remark": null,
      "updateTime": null,
      "status": 1,
      "vehiIDNO": "1002",
      "company": null,
      "registrationTime": 1617868459000,
      "companyName": "9889",
      "simCard": null,
      "install": 1,
      "devId": 1,
      "companyID": 38,
      "cardNum": "222"
      "devIDNO": "1002"
      "operator": null,
      "city": null,
```

```
        "oldDevId": null
    }

}
```

Interface Desc And Error Code
  Delete SIM
URL
  http://188.225.80.18:8088/StandardApiAction_deleteSIMInfo.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
id	number	Yes	No	SIM ID

Request Example
  http://188.225.80.18:8088/StandardApiAction_deleteSIMInfo.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&id=1
Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.

Correctly Returns Examples

```
{
  "result": 0
}
```

Interface Desc And Error Code
  Query SIM (paged)
URL
  http://188.225.80.18:8088/StandardApiAction_loadSIMInfos.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example
  http://188.225.80.18:8088/StandardApiAction_loadSIMInfos.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222
Return Param Desc

Param Name	Param Type	Desc
id	string	SIM ID
vehilDNO	string	Plate Number
remark	string	Remark
status	number	Use status 0 is not enabled, 1 is enabled, default 1
registrationTime	number	Registration (milliseconds)
companyName	string	Company Name
install	number	Bound device 0 means unbound, 1 means bound
devId	number	Device ID
companyID	number	Company ID
cardNum	string	SIM Card
devIDNO	string	Equipment number
operator	string	Operator
city	string	Issuing City
totalPages	number	Total Page
currentPage	number	Current Page

pageRecords	number	Page Record
totalRecords	number	Total Records

Correctly Returns Examples

```
{
  "result": 0,
  "pagination": {
        "sortParams": null,
        "primaryKey": "id",
        "hasPreviousPage": false,
        "previousPage": 1,
        "startRecord": 0,
        "currentPage": 1,
        "totalPages": 1,
        "endRecord": 0,
        "hasNextPage": false,
        "nextPage": 1,
        "directQuery": false,
        "pageRecords": 10,
        "totalRecords": 6
    },
    "infos": [
      {
        "id": 25,
        "remark": null,
        "updateTime": null,
        "status": 1,
        "vehiIDNO": "1002",
        "company": null,
        "registrationTime": 1617868459000,
        "companyName": "9889",
        "simCard": null,
        "install": 1,
        "devId": 1,
        "companyID": 38,
        "cardNum": "222"
        "devIDNO": "1002"
        "operator": null,
        "city": null,
        "oldDevId": null
    }]
}
```

Interface Desc And Error Code

Unbind sim

URL

http://188.225.80.18:8088/StandardApiAction_unbindingSIM.action?

HTTP Request Method

GET/POST

Input Param Desc

(1)Common Param

See Also:Common Param

(2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
flag	number	No	0	Flag, if the parameter is empty, the default value is 0. 0: Unbind through SIM ID, 1: Unbind through device number
id	string	Yes	No	SIM ID/Device No.

Request Example

http://188.225.80.18:8088/StandardApiAction_unbindingSIM.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&id=1

Return Param Desc

Param Name	Param Type	Desc
result	number	Return Code 0 means success, the other means failure.

Correctly Returns Examples

```
{
  "result": 0
}
```

Reports

Interface Desc And Error Code
  Passenger Summary
URL
  http://188.225.80.18:8088/PeopleAction_peopleSummary.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
begintime	string	Yes	No	Start Time
endtime	string	Yes	No	End Time Start time is not greater than the end time, and the number of query days must not be greater than 7 days.
vehiIdnos	string	No	No	Plate Number It may be more than one, in order to ',' separation.
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example
  http://188.225.80.18:8088/PeopleAction_peopleSummary.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&begintime=2022-09-09 00:00:00&endtime=2022-09-09 23:59:59&vehiIdnos=50000000000,50000000001
Return Param Desc

Param Name	Param Type	Desc
vehiIdno	string	Plate Number
plateType	number	Plate Color
companyName	string	Company Name
startTimeStr	string	Start Time
endTimeStr	string	End Time
downPeople	number	Total Getting Off
incrPeople	number	Incremental Staff
upPeople	number	Total Boarding

Correctly Returns Examples

```
{
  "result": 0,
    "pagination": {
        "query": null,
        "previousPage": 1,
        "hasPreviousPage": false,
        "nextPage": 1,
        "currentPage": 1,
        "pageRecords": 10,
        "qtype": null,
        "sortParams": null,
        "totalRecords": 1,
        "directQuery": false,
        "hasNextPage": false,
        "totalPages": 1,
        "pagin": null,
        "endRecord": 0,
        "startRecord": 0,
        "page": false,
        "primaryKey": "id",
        "rp": null
    },
    "infos": [
        {
            "vehiIdno": "10001",
            "devIdno": null,
            "plateType": 2,//License plate color
            "companyName": "test company",
            "endTimeStr": "2022-09-09 16:59:04",
```

```
            "startTimeStr": "2022-09-09 01:28:00",
            "downPeople": 4,
            "incrPeople": 0,
            "upPeople": 4
        }
    ]

}
```

Interface Desc And Error Code
  Passenger Detail
URL
  http://188.225.80.18:8088/PeopleAction_peopleDetail.action?
HTTP Request Method
  GET/POST
Input Param Desc
  (1)Common Param

  See Also:Common Param

  (2)Private Param

Param Name	Param Type	Whether Must	Defaults	Desc
jsession	string	Yes	No	Jsession
begintime	string	Yes	No	Start Time
endtime	string	Yes	No	End Time Start time is not greater than the end time, and the number of query days must not be greater than 7 days.
vehiIdnos	string	Yes	No	Plate Number It may be more than one, in order to ',' separation.
currentPage	number	No	No	Current Page If empty, no paging.
pageRecords	number	No	No	Page Record If empty, no paging.

Request Example
  http://188.225.80.18:8088/PeopleAction_peopleDetail.action?jsession=cf6b70a3-c82b-4392-8ab6-bbddce336222&begintime=2022-09-09 00:00:00&endtime=2022-09-09 23:59:59&vehiIdnos=50000000000,50000000001
Return Param Desc

Param Name	Param Type	Desc
vehiIdno	string	Plate Number
devIdno	string	Device No.
bTimeStr	number	Start Time
companyName	string	Company Name
plateType	number	Plate Type
weidu	number	Lat
jindu	number	Lng
curPeople	string	Number Of Passengers
downPeople1	string	Front Getting Off
downPeople2	string	Back Getting Off
downPeople3	string	Middle Getting Off
upPeople1	string	Front Boarding
upPeople2	string	Back Boarding
upPeople3	string	Middle Boarding

Correctly Returns Examples
```
{
  "result": 0,
    "pagination": {
        "currentPage": 1,
        "pageRecords": 10,
        "qtype": null,
        "totalRecords": 2,
        "sortParams": null,
        "hasPreviousPage": false,
        "previousPage": 1,
        "nextPage": 1,
        "startRecord": 0,
        "page": false,
        "endRecord": 0,
        "rp": null,
        "directQuery": false,
        "hasNextPage": false,
```

```json
        "totalPages": 1,
        "pagin": null,
        "primaryKey": "id",
        "query": null
    },
    "infos": [
        {
            "vehiIdno": "10001",
            "devIdno": "10001",
            "bTimeStr": "2022-09-09 01:28:00",
            "startPosition": "22.515410,113.916914",
            "companyName": "test company",
            "plateType": 2,
            "weidu": 22515410,
            "statisticsTime": 1662658080000,
            "curPeople": 1,
            "downPeople1": 1,
            "upPeople4": 1,
            "downPeople2": 1,
            "jindu": 113916914,
            "upPeople2": 1,
            "downPeople3": 1,
            "upPeople3": 1,
            "incrPeople": 1,
            "upPeople1": 1,
            "downPeople4": 1,
            "id": 20
        },
        {
            "vehiIdno": "10001",
            "devIdno": "10001",
            "bTimeStr": "2022-09-09 17:22:08",
            "startPosition": "22.515410,113.916914",
            "companyName": "test company",
            "plateType": 2,
            "weidu": 22515410,
            "statisticsTime": 1662715328000,
            "curPeople": 1,
            "downPeople1": 1,
            "upPeople4": 1,
            "downPeople2": 1,
            "jindu": 113916914,
            "upPeople2": 1,
            "downPeople3": 1,
            "upPeople3": 1,
            "incrPeople": 1,
            "upPeople1": 1,
            "downPeople4": 1,
            "id": 10
        }
    ]
}
```