

一、 Super command(do not need password)

1.1、 read back the configuration under SMS mode

Send :

#901##

Return:

#13418568774#1111#13049863966#0000@15811820913#83984684#13760145538#####135790246811222##

Annotation :

13418568774	center number
0000	password
13049863966	user name(user ID)
0000	command password
15811820913	first preset number
83984684	second preset number
13760145538	third preset number
.....	
.....	
135790246811222	IMEI code

1.2、 read back the configuration under gprs mode

Send:

#902##

Return:

#0#3#0#0#6@cmnet#rab#rab1#210.82.89.132#8123##2009/04/13 17:33

Annotation:

0:	790 mode (terminal mode)
3:	703 mode (work mode)
0:	720=0 mode (alarm mode)
0:	730 setup sample interval ,0 means cancel the interval upload
6:	730 setup
@CMNET	802 setup APN
Rab	802 setup APN log on name
RAB1	802 setup APN log on password
210.82.89.132	802 setup IP address
8123	802 setup Port number
2009/04/13 17:33	firmware version date and time

1.3、 read back the configuration under geo-fence

Send:

#903##

Return:

#open:0#lat: 11405.3993E#lng: 2232.6950N #distance:5000#time:1#status:2

Annotation:

open:0	close the geo-fence, on=1
lat: 2232.6950N	geo-fence center latitude
lng: 11405.3993E	geo-fence center Longitude
distance:5000	Radius of the geo-fence
time:1	check time of the geo-fence
status:2	status bit

1.4、 reset the device to factory

Only reset the device ,the configuration keep no change.

Send:

#905##

Return::

MODULE RESET OK

二、 Protocol format list:

2.1 GPRS Mode:

#IMEI code (15B)#user name (user ID) #status1#password#item type# item numbers # base information # longitude, latitude, speed, course#date#time ##

Annotation :

EMI Code 15B: the GSM device IMEI Code

User Name(User ID): Get into GPRS platform user ID

Status Bit: Data Invalid/valid bit, when this bit is 0, data invalid(can not locate), the upload data is the last time located data except that the GSM cell base information is the current base information. when this bit is 1,data valid(can locate),then the upload data is the current located data.

User password: default 0000

Item type: can direct out different upload status for example :SOS、SMSand etc,

Item numbers: the upload data number one times

Base information: GSM base information

Longitude: degree, minute

Latitude: degree, minute

Speed: unit is km/h

Cause:

Date: day, month, year

Example:230209 year 2009,month February,day 23th.

Time: degree, minute

Example: 080701 GMT ,Beijing time is : 08+08=16, Hour 16,minute 07 ,second 01

Example:

#123456789000000#13900139000#1#0000#SMS#1#25ee0dff#11406.0046,E ,2233.4249,N, ,0.00
,315.00#230209#080701##

Item type list:

> "SMS",	SMS REQUIRE UPLOAD
> "CALL",	CALL(NO ANSWER)REQUIRE UPLOAD
> "ANSWER",	CALL(ANSWER)REQUIRE UPLOAD
> "AUTO",	AUTO UPLOAD
> "SOS",	SOS UPLOAD
> "FENCE",	FENCE UPLOAD
> "LPD"	LOW POWER UPLOAD
> "LPSMS",	LOW POWER UPLOAD SMS MODE
> "LPCALL",	LOW POWER WHEN CALL(NO ANSWER)UPLOAD
> "LPANSWER",	LOW POWER WHEN A CALL(ACCEPT)
> "LPAUTO",	LOW POWER AUTO UPLOAD
> "LPSOS",	LOW POWER WHEN SOS UPLOAD
> "LPFENCE",	LOW POWER WHEN FENCE ALARM UPLOAD

2.2 SMS P2P MODE Data Format list:

Latitude: degree

Longitude: degree

Speed: unit is KM/H

Direction:

Date: year, month, day

Time: degree, minute

BS: GSM base information

Fix: Data Invalid/valid bit, when this bit is V, data invalid(can not locate), the upload data is the last time located data except that the GSM cell base information is the current base information.

when this bit is A,data valid(can locate),then the upload data is the current located data.

ID: Get into GPRS platform user ID

STATE: can direct out different upload status for example :SOS、SMS and etc

Example:

Lat: +22.50500
Long: +114.01000
Speed: 0.00KM/H
Direction: 315.00
Date: 2008-04-25
Time: 16:39:45
BS: 25ee0dff
Fix: A
ID: 353686009002030

STATE: SMS

2.3 SMS P2S MODE Data Format list:

#Base information# Longitude, Latitude, Speed, Cause # Date # Time #status
bit#Password#Require Number##

Example:

#25708e3d#11406.0046,E,2233.4249,N,0.00,315.00#230209#080701#1#0000#13900139000##