GT06N COMMANDS LIST

No.	Function	Command	Reply	Explanation
	QUERY CLASS			
1	**Check firmware version**	VERSION#	e.g.[VERSION]GT06B_10_8 MM_B25_V11_LA	
2	**Check parameters**	PARAM#	e.g. **GPS report on time interval:** IMEI:868120103643505;TIMER:20,20; SENDS:5; SOS:13730454825,,; Center Number:;Sensorset:10,1,5,1; Defense time:10; TimeZone:E,8,0; **GPS report on distance interval:** IMEI:868120103643505;Dist	
3	**Query device network setting**	GPRSSET#	e.g.GPRS:ON; APN:CMNET,,; Server:1,hgt06.szdatasource.com,8841,0; URL:http://maps.google.com/maps?q=;	
4	**Check status**	STATUS#	e.g.Battery:3.41V,Battery too low! Warning; GPRS:Link Up; GSM Signal Level:Strong; GPS:Successful positioning, SVS Used in fix:10(11), GPS Signal Level:32,31,32,31,28,29,29,	
5	**Check position status**	WHERE#	e.g.Current position! Lat:N22.577156,Lon:E113.916748,Course:0.00,Speed:0.00Km/h,Date	
6	**Check URL**	URL#	e.g.<01-08 17:36>http://maps.google.com/maps?q=N22.577156,E1	
7	**Check position**	POSITION# OR 123	e.g. GPS located: <01-08 17:36>http://maps.google.com/maps?q=N22.577156,E113.916748 GPS not located: GPS not fixed, please wait for a	
8	**Check geo fence status**	FENCE#	e.g.FenceType:Circle, ON, Latitude:N22.577091, Longitude:E113.916748, radius:600m, in out:IN or OUT, alarm type:1 FenceType:Circle, OFF, Latitude:0.000000, Longitude:0.000000, radius:0m, in out:IN or OUT, alarm type:1	
9	**Check moving status**	MOVING#	e.g.Moving Switch:OFF; Radius:300m; Alarm type:1 Moving Switch:ON; Lat:N22.577080; Lon:E113.916794;	
	SETTING CLASS			
1	**Set APN**	APN, [apnname]# OR APN, [apnname],[user],[pwd]#		Close automatic APN and set by yourself.
		APN#		Check the current APN parameters.
2	**Set automatic APN**	ASETAPN, [X]#		X=ON/OFF; ON: open automatic APN; OFF: close automatic APN.
		ASETAPN#		Check automatic APN status
3	**Set server parameters**	SERVER,mode,domainName/IP, port,protocol		eg: SERVER,1,www.ydpat.com,8011,0# SERVER,0,211.154.135.113,8011,0# mode = 1 means set with domain name mode = 0 means set with ip address protocol = 0 means connect server with TCP protocol protocol = 1 means connect server with UDP protocol
		SERVER#		Check the current sever parameters

4	**Set GMT parameter**	GMT,[A],[b],[C]#		A：E or W："E" means eastern time zone, "W" means western time zone；default：E B：0～12：time zone default：8 C：0/15/30/45：half time zone；default：0
		GMT#		Check the current time zone parameters
5	**Restore to factory**	FACTORY#		Restore to factory setting
6	**Edit URL**	EURL,network links#		set the network links for latitude and longitude, default: http://maps.google.com/maps?q=
		EURL#		Check the current URL
7	**GPRS switch**	GPRSON,X#		X=0 or 1;"1" means GPRS ON, "0" means GPRS OFF, default:1
		GPRSON#		Check the current GPRS status
8	**Reboot**	RESET#		The device would reboot in 20S after receiving the command.
9	**GPRS blocking alarm**	GPRSALM,X#		X=ON/OFF, default: OFF
		GPRSALM#		Check the GPRS alarm status
10	**SOS setting**	SOS,A,[phone number 1][,phone number 2][,phone number 3]#		Add SOS phone number.
		SOS,D,[sequence number 1][, sequence number 2][,sequence		Delete the phone number according to the sequence number.
		SOS,[D],[phone number]#		Delete the matching SOS phone number.
		SOS#		Check the SOS phone number.
11	**Center phone number setting**	CENTER, A,[phone number]#		Add center phone number.
		CENTER, D#		Delete center phone number.
		CENTER#		Check the center phone number.
12	**Heartbeat interval setting**	HBT,[T1],[T2]#		T1 ranges 1~300 (minutes), heartbeat package upload interval when ACC ON; default is 3; T2 ranges 1~300 (minutes), heartbeat package upload interval when ACC OFF; default is 5;
		HBT#		Check the current parameters of T1 and T2.
13	**Set GPS data sending interval**	TIMER,[T1],[T2]#		T1 ranges 5~18000 or 0(seconds), upload interval when ACC ON, 0 means no upload, default is 10; T2 ranges 5~18000 (seconds), upload interval when ACC OFF, default is 10;
		TIMER#		Check the current parameters of T1 and T2.
14	**Set distance interval of GPS data sending**	DISTANCE,[D]#		D ranges 50~10000 or 0(meters), distance interval, default is 300;
		DISTANCE#		Check the current distance interval.
15	**Set the angle upload**	ANGLEREP,[X][,A][,B]#		X=ON/OFF, default：ON A=5～180 degrees, diversion angle degree, default：20 degrees； B=2～5 seconds, detecting time, default：2 seconds,
		ANGLEREP,OFF#		Close the angle upload.
		ANGLEREP#		Check the angle upload status and its parameters.
16	**Set the upload for ACC status change**	ACCREP,[A]#		A=ON/OFF, upload for ACC status change, default: ON
		ACCREP#		Check the upload for ACC status change.
	ACC status alarm	ACCALM,[M],[A],[B]#		M=ON/OFF， On/Off ACC status change alarm ,default: Off A= 0/1, 0 :GPRS only ,1:SMS+GPRS, deafult :1 B=5～60，Acc status detect time ,unit: seconds,default: 10
17	**Set the GPS data sending batch**	BATCH,[A][,N]#		A= A=ON/OFF, data sending batch function on or off, default:OFF N=1～50, N means the number of messages in the batch, default：10；
		BATCH#		Check the number of messages in a batch.
18	**Set the delay of the defense**	DEFENSE,[A]#		A= 1～60 (minute), delay of the defense, default：10 (minutes).
		DEFENSE#		Check the parameters of the defense.
19	**Set vibration sensor detecting time**	SENSOR,<A>,[,B][,C]#		A=10-300 seconds,detecting time. Default: 10 seconds B-10-300 seconds, alert delay. Deault:180 seconds C=1-3000 minutes, vibration alert interval. Default: 30 minutes SENSOR# Check the parameter of the status
20	**Set the GPS controlled time by sensor**	SENDS,[A]#		A=0-300(minute), time duration for GPS to work once vibration detected, 0 means GPS always on work, default: 5(minute)
		SENDS#		Check the parameters of the time.
21	**Disarm**	DSRESET#		DSRESET# Cancel the current Arm status
22	**Clear the backup data**	CLEAR#		
23	**Set the static data filtering**	SF,[A][,B]#		A=ON/OFF；static drift filtering switch；default: ON B=10-1000(m)；maximal filtering distance；default: 100(m)；
		SF#		Check the parameters.
24	**Set the petrol/electricity control**	RELAY,[A]#		A=0/1；0 means connection, 1 means cut off；default: 0.
		RELAY#		Check the status of the control.

25	**Set delay time of voice monitor**	DELAY,<A>#		A=0、5-18 seconds; Default: 10 seconds (Enter Listen-In after 10 senconds calling)
	Set the fence alarm	FENCE,[B],0,[D],[E],[F],[X],[M]#		circle area; B=ON/OFF, open or close fence alarm, default：close; D=the latitude of the circle center; E=the longitude of the circle center; F=1～9999, the fence radius, unit：100 meters; X=IN/OUT：IN: alarming when get in the fence, OUT: alarming when get out the fence, blank means both alarming when get in or get out the fence, default: blank. M=0/1：way of alarming, 0：GPRS only, 1：SMS+GPRS, default：1
26		FENCE,[B],1,[D],[E],[F],[G][,X][,M]#		rectangle area B=ON/OFF, open or close fence alarm, default：close; D=the latitude of the position 1；range：-90～90(degree)； E=the longitude of the position 1；range：-180～180(degree)； F=the latitude of the position 2；range：-90～90(degree)； G=the longitude of the position 2；range：-180～180(degree)； the latitude supports "N/S" or "+/- " coming before it's value； the longitude supports "E/W" or "+/- " coming before it's value； ；
		FENCE#		Check the parameters of the fence.
	Set the vibration alarm	SENALM,[A][,M]#		A=ON/OFF, default: OFF; M=0/1/2, way of alarming, 0 :GPRS only, 1: SMS+GPRS, 2 : GPRS+SMS+phone call, default:1
		SENALM,OFF#		Close vibration alarm
27		SENALM#		Check the parameters of the alarm
	Set the power cut-off alarm	POWERALM, [A][,M][,T1][,T2]#		A=ON/OFF, default：ON; M=0/1/2, way of alarming, 0: GPRS only, 1: SMS+GPRS, 2 : GPRS+SMS+phone call, default：2; T1=2～60 (second), default：5; T2=1～3600 (second), default：300;
		POWERALM, OFF#		Close the power alarm.
28		POWERALM #		Check the parameters of the alarm.
	Set the low battery alarm	BATALM, [A][, M]#		A=ON/OFF, default：ON; M=0/1/2, way of alarming, 0: GPRS only, 1: SMS+GPRS, 2 : GPRS+SMS+phone call, default：1;
		BATALM,OFF#		Close the low battery alarm.
29		BATALM#		Check the parameters of the alarm.
	Set the SOS alarm	SOSALM,[A],[M]#		A=ON/OFF, default：ON; M=0/1/2, way of alarming, 0 :GPRS only, 1: SMS+GPRS, 2 : GPRS+SMS+phone call, default：2;
		SOSALM,OFF#		Close the SOS alarm.
30		SOSALM#		Check the parameters of the alarm.
	Set the dialing times	CALL,N#		N=1～3, default：3, times to dial all numbers;
31		CALL#		Check the parameters of the dialing.
	Set the moving alarm	MOVING,[A][,R][,M]#		A=ON/OFF, default：OFF; R=100～1000, moving radius, unit: meter, default: 300； M=0～2, 0: GPRS only, 1: SMS+GPRS, 2: GPRS+SMS+phone call, default：1；
		MOVING,OFF#		Close the moving alarm.
32		MOVING#		Check the status and the parameters of the moving alarm.
	Set the overspeed alarm	SPEED,[A][,B][,C][,M]#		A=ON/OFF, open or close over speed alarm, default：OFF B=5～600 (second), time interval, default：20 (second) C=1～255(km/h), speed limit, default：100(km/h); M=0/1, way of alarm, 0 : GPRS only, 1: SMS+GPRS, default：1.
33		SPEED#		Check the parameters of over speed.
34	**Set sensitivity of SENSOR**	LEVEL,<A>#		A=1-5: sensiticity range; default:2 LEVEL# check the current sensitivity of sensor
	Set the LED sleep mode	LEDSLEEP,[A]#		A=ON/OFF, LED sleep mode control, ON: start LED sleep mode, OFF:LED normal display, default：ON；
35		LEDSLEEP#		Check the parameters of LED sleep mode.
	Set the instruction password	PWDSW,[A]#		A= ON, enable the instruction password.
37		PWDSW,[password],[B]#		Numbers and letters mix inputs supported for instruction password, at least 1 character, no more than 19 characters, default：000000; B=OFF, disable the instruction password.
38	**Revise the instruction password**	PASSWORD,[A],[B]#		A=old password, numbers and letters mix inputs supported, at least 1 character, no more than 19 characters, default：000000; B=new password, numbers and letters mix inputs supported, at least 1 character, no more than 19 characters.
40	**Set the SMS forwarding**	FW,[A],[B]#		A=phone number, phone number to send; B=SMS content, content to forward. Only SOS can use this command.
	Mileage statistics	MILEAGE,[A],[B]#		A=ON/OFF, On/Off mileage calculation, default: Off B=0～999999，Mileage initial value , unit：km ; default: 0, mileage return to zero
		MIELEAGE#		Query current mileage