

GT06N COMMANDS LIST

No.	Function	Command	Reply	Explanation
QUERY CLASS				
1	Check firmware version	VERSION#	e.g.[VERSION]GT06B_10_8MM_B25_V11_LA [BUILD]2013/01/04 17:45	
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;Distance:200; SENDS:5; SOS:13730454825,;; Center Number:;Sensorset:10,1,5,1; Defense time:10; TimeZone:E,8,0;	
3	Query device network setting	GPRSSET#	e.g.GPRS:ON; APN:CMNET,;; Server:1,hgt06.szdatasource.com,8841,0;	

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:32,31,32,31,28,29,29,36,32,33; ACC:OFF; Defense:OFF	
5	Check position status	WHERE#	e.g.Current position! Lat:N22.577156,Lon:E113.916748,Cour se:0.00,Speed:0.00Km/h,Date Time:2013-01-08 17:35:32	
6	Check URL	URL#	e.g.<01-08 17:36> http://maps.google.com/maps? q=N22.577156,E113.916748	
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 while, and then try again.	
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	

9	Check moving status	MOVING#	e.g.Moving Switch:OFF; Radius:300m; Alarm type:1 Moving Switch:ON; Lat:N22.577080; Lon:E113.916794; Radius:300m; Alarm type:1	
SETTING CLASS				
1	Set APN	APN, [apnname]# OR		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,protoc ol		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
#	SOS setting	SOS,A,[phone number 1],[phone number 2],[phone number 3]#		Add SOS phone number.
		SOS,D,[sequence number 1],[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.
#	Center phone number s	CENTER,		Add center phone number.
		CENTER, D#		Delete center phone number.
		CENTER#		Check the center phone number.
	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.
	Set GPS data sending in	TIMER,[T1],[T2] #		Check the current parameters of T1 and T2.
#		TIMER#		Check the current parameters of T1 and T2.
	Set distance interval of	DISTANCE,[D]#		D ranges 50~10000 or 0(meters), distance interval, default is 300;
#		DISTANCE#		Check the current distance interval.
	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,OF F#		Close the angle upload.
#		ANGLEREP#		Check the angle upload status and its parameters.
	Set the upload for ACC	ACCREP,[A]#		A=ON/OFF, upload for ACC status change, default: ON
#		ACCREP#		Check the upload for ACC status change.
	Set the GPS data sending	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.
	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.

#	Set vibration sensor de	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
#	Set the GPS controlled t	SENDS,[A]#		A=0-300(minute), time duration for GPS to work once vibration detected, 0 means GPS always on work, default: 5(minute)
#	Disarm	DSRESET#		Check the parameters of the time.
#	Clear the backup data	CLEAR#		DSRESET# Cancel the current Arm status
#	Set the static data filter	SF,[A],[B]#		A=ON/OFF; static drift filtering switch; default: ON B=10-1000(m); maximal filtering distance; default: 100(m);
#	Set the petrol/electricit	RELAY,[A]#		Check the parameters.
#	Set delay time of voice	DELAY,<A>#		A=0/1 ; 0 means connection, 1 means cut off ; default: 0.
#	Set the fence alarm	FENCE,[B],0,[D],[E],[F],[X],[M]#		Check the status of the control.
				A=0、 5-18 seconds; Default: 10 seconds (Enter Listen-In after 10 senconds calling)
				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

#	Set the fence alarm	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
#		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: 1; T1=2~60 (second), default: 5; T2=1~3600 (second), default: 300;
#		POWERALM,OFF#		Close the power alarm.
#		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.
#		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: 1;
#		SOSALM,OFF#		Close the SOS alarm.
#		SOSALM#		Check the parameters of the alarm.

#	Set the dialing times	CALL,N#		N=1~3, default: 3, times to dial all numbers;
		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.
#		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.
#		SPEED#		Check the parameters of over speed.
#	Set sensitivity of SENS	LEVEL,<A>#		A=1-5: sensitivity 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 ;
		LEDSLEEP#		Check the parameters of LED sleep mode.
#	Set the instruction pass	PWDSW,[A]#		A= ON, enable the instruction password.
#		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.
#	Revise the instruction p	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.
#	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.