

GT100&ET100 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	Check simple parameters	SCXSZ	e.g. CMNET,;;2000;5;E8,0;1,hgt06.szdatasource.c om,8841,0;1373045482 5,;;10;10;1;	
4	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=;	

5	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	
6	Check position status	WHERE#	e.g.Current position! Lat:N22.577156,Lon:E113.916748,Course:0.0 0,Speed:0.00Km/h,Date Time:2013-01-08 17:35:32	
7	Check URL	URL#	e.g.<01-08 17:36> http://maps.google.com/maps?q=N22.577156,E113.916748	
8	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.	
9	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	
10	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 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 current automatic APN status
3	Set server parameters	SERVER,1,<domain name>, <port>[,0]# SERVER,0,<IP>,<port>[, 0]#		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 automatic GMT	ASETGMT, [X]#		X=ON/OFF; ON: open automatic GMT; OFF: close automatic GMT.
		ASETGMT#		Check the current automatic timezone parameters
5	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
6	Restore to factory	FACTORY#		Restore to factory setting
	Edit URL	EURL,network links#		set the network links for latitude and longitude, default: http://maps.google.com/maps?q=

7		EURL#		Check the current URL
8	Language setting	LANG,X#		X=0 or 1; "1" represents Chinese; "0" represents English. Default:1
		LANG#		Check current language
9	GPRS switch	GPRSON,X#		X=0 or 1;"1" means GPRS ON, "0" means GPRS OFF, default:1
		GPRSON#		Check the current GPRS status
10	Reboot	RESET#		The device would reboot in 20S after receiving the command.
11	GPRS blocking alarm	GPRSALM,X#		X=ON/OFF, default: OFF
		GPRSALM#		Check the GPRS alarm status
12	SOS setting	SOS,A,[phone number 1],[phone number 2],[phone number 3]#		Add SOS phone number.
		SOS,D,[sequence number 1],[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.
13	Center phone number setting	CENTER,A,[phone		Add center phone number.
		CENTER,D#		Delete center phone number.
		CENTER#		Check the center phone number.
14	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.

15	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 (minutes), upload interval when ACC OFF, default is 10;
		TIMER#	Check the current parameters of T1 and T2.
16	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.
17	Set the corner correction	ANGLEREP,[X],[A],[B]#	X=ON/OFF, default: ON A=5~180 degrees, diversion corner degree, default: 20 degrees; B=2~5 seconds, detecting time, default: 2 seconds,
		ANGLEREP,OFF#	Close the corner correction.
		ANGLEREP#	Check the corner correction status and its parameters.
18	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.
19	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.
20	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.

21	Set the vibration sensor detecting time	SENSOR,<A>,[B],[C]#		A=10-300 seconds,detecting time. Default: 10 seconds B=10-300 seconds, alert delay. Default:180 seconds C=1-3000 minutes, vibration alert interval. Default: 30 minutes SENSOR# Check the parameter of the status
22	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)
23	Clear the backup data	CLEAR#		Check the parameters of the time.
24	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.
25	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.
		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	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.
27	Set the vibration alarm	SENALM,[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
		SENALM,OFF#	Close vibration alarm
		SENALM#	Check the parameters of the alarm
28	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), power off detection time default: 10; T2=1~3600 (second), least charging time default: 300.
		POWERALM, OFF#	Close the power alarm.
		POWERALM #	Check the parameters of the alarm.
29	Set the low battery alarm	BATALM, [A], M]#	A=ON/OFF, default: ON; M=0-1, way of alarming, 0: GPRS only, 1: SMS+GPRS, default: 1;
		BATALM,OFF#	Close the low battery alarm.
		BATALM#	Check the parameters of the alarm.

30	Set the dialing times	CALL,N#		N=1~3, default: 3, times to dial all numbers;
		CALL#		Check the parameters of the dialing.
31	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.
32	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: 50(km/h)(electrical car); 80(km/h)(motorcycle) M=0/1, way of alarm, 0 : GPRS only, 1: SMS+GPRS, default: 1;
		SPEED#		Check the parameters of over speed.
33	Set sensitivity of SENSOR	LEVEL,<A>#		A=1-5: sensitivity range; default:2 LEVEL# check the current sensitivity of sensor
34	Set sensor alarm activate condition	SENSORSET,<A>,,<C>,<D>#		A=1-300 ; SENSOR detect time; default: 10 seconds B=1-20 shake activate GPS times; default: 1 C=1-20 ; vibration activate times; default: 5 D=1-3: SENSOR detect interval (C)
		SENSORSET#		Check current condition
35	Set the instruction password	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: 666666; B=OFF, disable the instruction password.

36	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: 666666; B=new password, numbers and letters mix inputs supported, at least 1 character, no more than 19 characters.
38	Set the SMS forwarding	FW,[A],[B]#		A=phone number, phone number to send; B=SMS content, content to forward.
39	Low external power alarm	EXBATM,<A>,[M],[N1],[N2],[T]#	f	A=ON/OFF; default: OFF M=0~1; 0 = GPRS, 1 = SMS+GPRS; default: 1 N1=10-360; ,default: 128, means 12.8V N2=10-360; default: 138, means 13.8V T=1-300; default: 10 (second)
		EXBATM,OFF#		Turn off low external battery alarm
		EXBATM#		Check the current parameters.
40	external power when the voltage	EXBATCUT<A>,[M],[N1],[N2],[T]#		A=ON/OFF; default: ON M=0~1; 0 = GPRS, 1 = SMS+GPRS; default: 0 N1=10-360; default: 125, means 12.5V N2=10-360; default: 130, means 13.0V T=1-300; default: 10 (second)
		EXBATCUT,OFF#		Turn off cut-off external power function
		EXBATCUT#		Check the current parameters.
41	LED sleep mode	LEDSLEEP,A#		A=ON/OFF ,LED sleep mode, default: ON GPS controls whether it shows LED.