

C21 Command List

Send these command in **User-Defined** section to set the advanced function
 *There should be no **spaces** between any commands

Query Command

After sending, the device will reply the current status information. The content in **bold orange** is the key information, which varies according to the current state of the device

No.	Function	Command	Reply Example	Explanation
1	Check Status	STATUS#	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	Information Contained: Battery status Online/Offline Network signal status GPS status SVS Status GPS Signal Level ACC Status Defense Status *Providing the response content to technical support will help locate the cause of the problem.
2		CHECK#	IMEI: 860796050000000 ;VERSION: GT300F_22_A1AM3_D23_R0_V11_WM ;SERVER: gpsdev.tracksolid.com,21100 ;GET IP: 47.89.58.215 ;APN: internet,1 ;CSQ: 14 ;GPRS: 1 ;GPS: 2 ;BAT: 3.97 ; TIMER: 5 ;SOS NUM:111111111,,;CENTER:000000000;ICCID: 893988084502000000F ;IMSI: 222882454504300 ;EURL: http://maps.google.com/maps?q= ;MODE: 2,10 ;	Information Contained: Device IMEI Hardware version Server Port and IP Device APN GPS signal grade Battery balance Detected SIM ICCID and IMSI Link of location Work mode *Providing the response content to technical support will help locate the cause of the problem.

No.	Command	Reply Example	Explanation
3	VERSION#	[VERSION] GT06B_10_8MM_B25_V11_LA [BUILD]2013/01/04 17:45	Information Contained: Device Software Version *Providing the response content to technical support will help locate the cause of the problem.
4	Check Status PARAM#	IMEI: 868120103643505 ;TIMER: 20,20 ; SENDS:3; SOS:,,; Center Number:;Sensorset:10,3,5,1; Defense time: 10 ; TimeZone: E,8,0 ;	Information Contained: IMEI Working Mode Timer Defense Time Time Zone *Providing the response content to technical support will help locate the cause of the problem.
5	Check Location URL#	<01-08 17:36>http://maps.google.com/maps?q=N22.577156,E113.916748	Information Contained: Date&Time Link to check current location Latitude & Longitude
	POSITION		
	WHERE#	Current position! Lat:N22.57776,Lon:E113.91667,Course:334,Speed:0Km/h,DateTime:2015-12-28 09:15:12	Information Contained: Date&Time Latitude & Longitude Mileage & Speed
6	Searching GPS Signal GPSON#	OK!	Function: When there is no location after activated, bring the device to an open area and send this command, the locator will start searching for GPS signals for 5 minutes to obtain positioning data.

Functional Command

The contents in **bold green** are restricted parameters, which have a specific format or limited range, please fill in according to the rules given in the **Explanation**. Please keep the other characters unchanged

No.	Function	Command	Reply Example	Explanation
1	Working Mode (Based on Time)	TIMER, T1 , T2 #	OK!	<p>Function: Set working mode based on time interval The device will fetch location every T1 seconds when ACC ON, and every T2 seconds when ACC OFF If interval is set as 0, the device will stop working.</p> <p>Interval when Acc on: T1=0 or 5~18000, integer in seconds; default:10 seconds;</p> <p>Interval when Acc off: T2=0 or 5~18000, integer in seconds; default:10 seconds;</p>
		TIMER#	TIMER: 5,180	<p>Function: Check current work mode interval</p>
2	Working Mode (Based on Distance)	DISTANCE, D #	OK!	<p>Function: Set working mode based on moving distance The device will get the location every time it moves D meters If distance is set as 0, the device will stop working.</p> <p>Distance moved: D=0 or 50~10000, integer in meter; default:300 meters;</p>
		DISTANCE#	DISTANCE: 100	<p>Function: Check current work mode interval</p>

No.	Function	Command	Reply Example	Explanation
3	Data Upload Mode	HBT,T1,T2#	OK!	Function: Set the time interval of data upload The device will upload new location data every T1 seconds when ACC ON, and every T2 seconds when ACC OFF Interval when Acc on: T1=1~300, integer in minutes; default:3 minutes; Interval when Acc off: T2=1~300, integer in minutes; default:5 minutes;
		HBT#	HBT:5,180	Function: Check current data upload mode interval
4	Extra Upload when Turning	ANGLEREP,ON,A,T#	OK!	Function: Turn on extra upload when turning (Default on) The device will specially upload location data when keep detecting an A degrees turning for T seconds. Track recording accuracy will be improved when turned on. Turning Angle: A=5~180, integer in degrees; default:30 degrees; Detecting Duration: T=2~5, integer in seconds; default:3 seconds;
		ANGLEREP,OFF#	OK!	Function: Turn off extra upload when turning
		ANGLEREP#	ANGLEREP:ON,30,3	Function: Check current status of extra upload when turning
5	Extra Upload when Acc ON	ACCREP,ON#	OK!	Function: Turn on extra upload when Acc on (Default on)
		ACCREP,OFF#	OK!	Function: Turn off extra upload when Acc on
		ACCREP#	ACCREP:ON	Function: Check current status of extra upload when Acc on

No.	Function	Command	Reply Example	Explanation
6	Vibration Alert	SENALM,ON,0#	OK!	Function: Turn on vibration alert (Default off)
		SENALM,OFF#	OK!	Function: Turn off vibration alert
		SENALM#	SENALM:ON,1	Function: Check current vibration alarm status
7	Set Vibration Sensitivity	LEVEL,M#	OK!	Function: Adjust the sensitivity level of the vibration sensor Sensitivity level: M=1/2/3/4/5, default:2; 1: Highest sensitivity 5: Minimum sensitivity
		LEVEL#	LEVEL: 1	Function: Check the current vibration sensitivity level
8	ACC OFF Alert	POWERALM,ON,0,T1,T2#	OK!	Function: Turn on ACC off Alert (Default on) When the device detects ACC off for over T1 seconds, it will send an alert through the M methods. If the ACC is back on for less than T2 seconds, the device will not alert again. (T2 is used to filter repeated alerts) Power off time: T1=2~3600, integer in seconds; default:10 seconds; Back to charge time: T2=1~3600, integer in seconds; default:1 seconds;
		POWERALM,OFF#	OK!	Function: Turn off ACC off alert
		POWERALM#	POWERALM: ON,2,10,1	Function: Check current ACC off alert status

No.	Function	Command	Reply Example	Explanation
9	Moving Alert	MOVING,ON,R,0#	OK!	Function: Turn on moving alert (Default off) Send an alert when the device moves more than R meters Moving radius: R =100~1000, integer in meters; default: 300 meters;
		MOVING,OFF#	OK!	Function: Turn off moving alert
		MOVING#	POWERALM: ON,2,10,1	Function: Check current moving alert status
10	Car Battery Alert	EXBATALM,ON,0,N1,N2,T#	OK!	Function: Turn on low battery alert (Car battery) (Default off) When the device detects that the OBD II port input voltage is lower than N1*0.1V for T seconds, the device will send a notification. If the device detects that the OBD II port input voltage is higher than N2*0.1V for less than 10 seconds, the device will not alert again. (N2 is used to filter repeated alerts) Low battery threshold: N1 =10~360, unit: 0.1V, default: 128 (12.8V) Non Low battery threshold: N2 =10~360, unit: 0.1V, default: 138 (13.8V) Detection duration: T =1~600, integer in seconds; default: 10 seconds;
		EXBATALM,OFF#	OK!	Function: Turn off car battery alert
		EXBATALM#	EXBATALM: ON,0,115,123,30	Function: Check current car battery alert status

No.	Function	Command	Reply Example	Explanation
11	Low Battery Alarm	BATALM,ON,0#	OK!	Function: Turn on low battery alert (Built-in backup battery) (Default on)
		BATALM,OFF#	OK!	Function: Turn off low battery alert
		BATALM#	BATALM: OFF,1	Function: Check current low battery alert status
12	Overspeed Alert	SPEED,ON, T , S ,0#	OK!	Function: Turn on overspeed alert (Default off) Detection time: T =5~600, integer in seconds; default: 20 seconds; Speed threshold: S =1~255, integer in km/h; default: 50 km/h;
		SPEED,OFF#	OK!	Function: Turn off overspeed alert
		SPEED#	SPEED: ON,20,100,1,ON	Function: Check current overspeed alert status
13	Defence Mode	DEFMODE, X #	OK!	Function: Change the defence mode switching method when ACC off Switching Method: X =0/1, default: 1 0: Automatically 1: Manually
		111#	OK!	Function: Works only if X =1(Manually defence Mode) Keep the vibration alarm enable when Acc off
		000#	OK!	Function: Works only if X =1(Manually defence Mode) Keep the vibration alarm disable when Acc off

No.	Function	Command	Reply Example	Explanation
14	Mileage Calculation	MILEAGE,ON,L,1000#	OK!	Function: Enable mileage calculation (Default on) Initial mileage: L=0~999999, integer in km; default:0 km;
		MILEAGE,OFF#	OK!	Function: Disable mileage calculation
		MILEAGE#	MILEAGE: ON,99,100	Function: Check current total mileage
15	LED Control	LEDSW,A#	OK!	Function: Control the LEDs on the device A=ON/OFF, default:ON;
		LEDSW#	LEDSW: OFF	Function: Check current LED Status
16	Unplug Alert	PULLALM,ON,0,20,30#	OK!	Function: Turn on disassembly alert (Default on)
		PULLALM,OFF#	OK!	Function: Turn off disassembly alert
		PULLALM#	PULLALM: ON,1,20,30	Function: Check current disassembly alert status
17	Sudden Speed Up/Down Alert	SPEEDCHECK,ON,0,T,S1,S2#	OK!	Function: Turn on sudden speed up/down alert (Default off) Send an alert when the device continuously detects acceleration over S1 or deceleration over S2 for more than T seconds Detection time: T=1~30, integer in seconds; default: 4 seconds; Speed up threshold: S1=10-300, integer in km/h; default: 30 km/h; Speed down threshold: S2=10-300, integer in km/h; default: 50 km/h;
		SPEEDCHECK,OFF#	OK!	Function: Turn off sudden speed up/down alert
		SPEEDCHECK#	SPEEDCHECK: ON,0,4,30,50	Function: Check current status of sudden speed up/down alert

No.	Function	Command	Reply Example	Explanation
18	Sharp Turn Alert	SWERVE,ON,0,A,V,T#	OK!	Function: Turn on sharp turn alert (Default off) Send an alert when the device continuously detects a turn exceeding A degrees and a speed exceeding V for more than T seconds Turning Angle: A =10-180, integer in degrees; default: 30 degrees; Speed: V =10-200, integer in km/h; default: 60 km/h; Detecting Duration: T =1-30, integer in seconds; default: 3 seconds;
		SWERVE,OFF#	OK!	Function: Turn off sharp turn alert
		SWERVE#	SWERVE: ON,0,30,60,3	Function: Check current status of sharp turn alert
19	Car Collision Alert	COLLIDE,ON#	OK!	Function: Turn on collision alert (Default off)
		COLLIDE,OFF#	OK!	Function: Turn off collision alert
		COLLIDE#	COLLIDE: ON	Function: Check current status of collision alert
20	Rollover Alert	TURNOVER,ON#	OK!	Function: Turn on rollover alert (Default off)
		TURNOVER,OFF#	OK!	Function: Turn off rollover alert
		TURNOVER#	COLLIDE: ON	Function: Check current status of rollover alert
21	Fuel Cut-off/Restore	RELAY,0#	OK!	Function: Cut off fuel connection
		RELAY,1#	OK!	Function: Restore fuel connection