

NO.	SMS Name	description	Format	Reply
1	Status Check	Get the current state data of the device immediately	STATUS#	Charging;GPRS:Link Up;NW Signal Level:middle;PPP_STATE:1;GPS:FIXED,SVS Used in fix:12,GPS Signal Level:25,33,23,36,31,31,15,21,33,25,29,28;ACC:OFF;Defense:OFF;
2	Parameter Check	Get device parameter information immediately	PARAM#	IMEI:123456789012345;ICCID:123456789012345678;IMSI:1234567890;TIMER:10,10;SENDS:3;HBT:180,300;SOS number:,,,;Center number is empty.SENSORSET:10,2,3,1;Defense time:10;TimeZone:E,0,0
3	Lat. &Long. Check	Get the current latitude, longitude and speed information of the device immediately	WHERE#	Current position!Lat:N31.360217, Lon:E121.426315, Course:0.0, Speed:0, DateTime:2023-12-21 08:14:30
4	Version Check	Get device software version now	VERSION#	VERSION:GS900_V01_(AC234C5)_Dec_21_2023_13:39:08
5	Add SOS Number (With the area code)	Set the device's SOS number (the number to receive alarm text messages or phone calls)	SOS,A,Number1,Number2,Number3#	SOS_OK!SOS1:123456789 SOS2:123456789 SOS3:
6	Delete SOS Number (With the area code)	Delete a device's SOS number	SOS,D,Number1,Number2,Number3#	SOS_OK!SOS1:123456789 SOS2: SOS3:
7	Check SOS Number	SOS number setting query	SOS#	SOS number:,,,;
8	Server setting	Server setting:Domain setting (the last "0" stands for: TCP)	SERVER,1,DOMAIN,PORT,0# SERVER,0,IP,PORT,0#	SERVER_OK
9	Server Check	Check IP/domain name and port setting	SERVER#	Currently in use SERVER,1,DOMAIN,PORT,0#;
10	Delay Defense setting: (A:1~ 60 min,set delay defense time: default setting is 10 min)	Set delay defense time	DEFENSE,A#	DEFENSE_OK
11	Query delay defense setting	Query delay defense time	DEFENSE#	DEFENSE:10;
12	Device Reboot	Reboot the device	RESET#	The terminal will restart after 1 minute!
13	Vibration Alarm setting: ( M=0~3: Alam method,0 only Platf, 1 SMS+GPRS, 2 GPRS+SMS+CALL, 3 GPRS+CALL )	Set the vibration alarm function switch state and alarm upload method	SENALM,ON,M#	SENALM_OK
14	Turn off vibration alarm	Turn off vibration alarm	SENALM.OFF#	SENALM_OK
15	Query vibration setting	Query the switch status of the vibration alarm function and the alarm upload method	SENALM#	SENALM:ON,0
16	SOS button alarm setting: A=ON/OFF; default value: ON M=0~3; 0 GPRS only, 1 SMS+GPRS, 2 GPRS+SMS+CALL, 3 CALL+GPRS; Default value: 0	Set the SOS alarm function switch status and alarm upload method	SOSALM,ON,M#	SOSALM_OK
17	Turn off vibration alarm	Turn off vibration alarm	SOSALM.OFF#	SOSALM_OK
18	SOS alarm Check	Query the SOS button alarm function switch status and alarm upload method	SOSALM#	SOSALM:ON,0

19	Center number setting (You must first set up the SOS number)	Set the center number of the device	CENTER,A,86...#	CENTER_OK!Center number:123456789
20	Delete center number	Delete the center number of the device	CENTER,D#	CENTER Del OK
21	Center number Check	Query the set center number	CENTER#	Center number is empty.
22	Power off alarm Inquiry	Query the switch status, alarm upload method, and alarm parameters of the power failure alarm function.	POWERALM#	PowerAlm:ON,0,5;
23	Turn off power off alarm (default setting is on)	Turn off the power failure alarm	POWERALM,OFF#	POWERALM_OK
24	Power on alarm setting: ( M=0~2; 0 GPRS, 1 SMS +GPRS, 2 GPRS+SMS+CALL 2 GPRS+CALL T1=2~60s (default setting is 5s) ; Power off time T2=0~3600s (default setting is 30s) ; )	Enable power failure alarm, set alarm upload method and alarm parameters	POWERALM,A,M,T1,T2#	POWERALM_OK
25	Query relay control status	Query the vehicle's fuel and electricity status	RELAY#	RELAY:0
26	Relay setting ( A=0/1; 0 power on,1 power off ; Send instructions from the phone where the center number is located )	Cut off oil and electricity	RELAY,A#	Cut off the fuel supply: Success! Speed:0 km/h Already in the state of of fuel supply cut off, the command is not running! Restore fuel supply: Success! Already in the state of fuel supply to resume, The command is not running!
27	Set the heartbeat packet interval: T1=10S~18000S, ACC ON Heartbeat packet upload interval (default value: 180S) ; T2=10S~18000S, ACC OFF Heartbeat packet upload interval (default value: 300S) ;	Set the heartbeat data upload time interval when the device is in the vehicle ACC ON or OFF state	HBT,T1,T2#	HBT_OK
28	Query the heartbeat interval	Query the heartbeat data upload time interval of the device in the vehicle ACC ON or OFF state	HBT#	HBT:180,300;
29	Vibration sensitivity setting: SENSORSET,A,B,C,D# A=10-300 seconds; SENSOR detection time range (default value: 10 seconds); B=1-20 times; Vibrate activation GPS trigger times threshold (default: 2 times); C=1-20 times; vibration alarm trigger times threshold (default value: 3 times); D=1-3 seconds; SENSOR detection interval (default value: 1 second);	Set the sensitivity of the vibration sensor	SENSORSET,10,2,3,1#	SENSORSET_OK
30	Vibration sensitivity inquiry	Query the sensitivity of the vibration sensor	SENSORSET#	SENSORSET:10,2,3,1
31	Timer,T1,T2# T1=5~18000s, Time interval of GPS data be uploaded when ACC is on T2=5~18000s, Time interval of GPS data be uploaded when ACC is off	Set the positioning data upload time interval when the device is in the vehicle ACC ON or OFF state	TIMER,T1,T2#	TIMER_OK
32	Time interval of GPS data be uploaded	Query the positioning data upload time interval of the device in the vehicle ACC ON or OFF state	TIMER#	Timer:10,10;

33	SENSOR CONTROL GPS (A=0-300 minutes 0 stands for GPS always on, default value: 5 minutes)	Set the time to wake up from sleep after the device detects vibration	SENDS,A#	SENDS_OK
34	Query SENSOR Control GPS	Query the time when the device wakes up from the sleep state after monitoring the vibration	SENDS#	Sends:3;
35	Low battery alarm setting: (M=0~3 0 GPRS, 1 GPRS+SMS 2 GPRS+SMS+CALL 3 GPRS+CALL; default value: 0)	Turn on the low battery alarm and set the alarm upload method	BATALM,ON,M#	BATALM_OK
36	Turn off low battery alarm	Turn off the low battery alarm	BATALM,OFF#	BATALM_OK
37	Query low battery alarm	Query the switch status of the low battery alarm function and the alarm upload method	BATALM#	BATALM:ON,0;
38	Over Speed Alarm setting: (B=5~600 S; C=1~ 255km/h; M=0~3; Alam methods, 0 GPRS, 1 SMS +GPRS; 2 GPRS+SMS+CALL 3 GPRS+CALL; default value: 0)	Turn on overspeed alarm and set alarm upload method and alarm parameters	SPEED,ON,B,C,M#	SPEED_OK
39	Turn off overspeed alarm	Turn off the overspeed alarm	SPEED,OFF#	SPEED_OK
40	Query over speed alarm	Query the switch, alarm upload method and alarm parameters of the overspeed alarm function.	SPEED#	SPEED:OFF
41	Rushturn alarm setting: S:0 OFF,1 ON; M=0~1; Alam methods, 0 GPRS (default value: 0) , 1 SMS +GPRS; V1:Angle Change Threshold,range 10-180° (default value: 20) ; V2:speed threshold,range 10- 200KM/H (default value: 50) ; T:Detection time,range 1-30s (default value: 3) ;	Turn on Rushturn alarm and set alarm upload method and alarm parameters	RASHTURNALM,S,M,V1,V2,T#	RASHTURNALM_OK
42	Query Rushturn alarm	Query the switch, alarm upload method and alarm parameters of the Rapid speed chang alarm function.	RASHTURNALM#	RASHTURNALM:ON,1,10,10,4;
43	Rapid acceleration alarm setting: ACCEL,ON,M,A# M=0~3; 0 GPRS only, 1 SMS+GPRS; 2 GPRS+SMS+CALL, 3 CALL+GPRS A is the rapid acceleration threshold, unit m/s <sup>2</sup> , default 3.0m/s <sup>2</sup> Default: OFF	Rapid acceleration alarm	ACCEL,ON,M,A#	ACCEL_OK
44	Quick deceleration alarm setting query	Rapid deceleration alarm query	ACCEL#	ACCEL:ON,1,1

45	Quick deceleration alarm setting: Deceleration, ON, M, A# M=0~3; 0 GPRS only, 1 SMS+GPRS; 2 GPRS+SMS+call, 3 calls+GPRS A is the rapid deceleration threshold, unit m/s <sup>2</sup> , default 4.0m/s <sup>2</sup> Default: off	Quick deceleration alarm	DECEL,ON,M,A#	DECEL_OK
46	Quick deceleration alarm setting query	Rapid deceleration alarm query	DECEL#	DECEL:ON,1,1
47	Collision alarm parameter setting: S is the alarm switch, 0: off 1: on, the default is 0; M is the reporting method, 0: GPRS only 1: GPRS+SMS, the default is 0; V is the collision threshold, the range is 10-1024, the default is 720	Collision alarm	COLLIDEALM,S,M,V#	COLLIDEALM_OK
48	Collision alarm setting query	Collision alarm query	COLLIDEALM#	COLLIDEALM:ON,0,720;
49	Query map connection	Query map link for current device location	URL#	<2023-12-22 05:24:56> <a +31.361234,+123456"="" href="http://maps.google.com/maps?q=">http://maps.google.com/maps?q="+31.361234,+123456</a>
50	APN Setting	Set the APN	APN,APN name#	APN_OK, The terminal will restart after 30 seconds!
51	APN setting check	APN check	APN#	Currently in use APN:.,;
52	APN adaptive status query	Check apn adaptation status	ASETAPN#	ASETAPN:ON,Currently in use APN:.;UserName:.;Password:;
53	APN adaptive Setting: X=ON/OFF; ON: Enable APN Adaptation, OFF: Disable APN Adaptation (default value: ON)	APN adaptive Setting	ASETAPN,X#	ASETAPN_OK, The terminal will restart after 30 seconds!
54	Static point transmission positioning setting switch	Static point transmission GPS positioning setting switch	STA_SENDBGPS,1# ON STA_SENDBGPS,0# OFF	STA_SENDBGPS_OK
55	Stationary transmission point query	Stationary GPS positioning point query	STA_SENDBGPS#	gpson_sta_send:0;
56	Locate now	GPS position immediately	LJDW#	LJDW_OK
57	Time Zone setting A: E/W; E timezone, W timezone; default: E B: 0~12; timezone; default: 8 C: 0/15/30/45; half timezone; default: 0	Set the timezone	GMT,A,B,C#	GMT_OK, The terminal will restart after 30 seconds!
58	Query the current parameter setting	Query the timezone	GMT#	Currently Timezone(GMT):E,0,0
59	Time zone adaptive setting X=ON/OFF; ON: Turn on time zone adaptation, OFF: Turn off time zone adaptation	Set adaptive time zone	ASETGMT,X#	AGMT_OK, The terminal will restart after 30 seconds!
60	Query time zone adaptation	Time zone adaptive parameter query	ASETGMT#	ASETGMT:ON; Currently Timezone(GMT):E,0,0
61	External voltage detection	Query the external voltage value connected to the device	POWERLEVEL#	POWERLEVEL_OK:11.80V
62	Turn off ACC alarm	Turn off the ACC state change alarm function of the device.	ACCALM,OFF#	ACCALM_OK

63	ACC Change Alarm M=0 ~ 3; 0 GPRS, 1 SMS +GPRS; 2 GPRS+SMS+CALL 3 GPRS+CALL)	Turn on the device ACC state change alarm function and set the upload method of the alarm	ACCALM,ON,M#	ACCALM_OK
64	Query ACC change alarm status	ACC alarm check	ACCALM#	ACCALM:ON,1;
65	SENSOR CONTROL GPS (A=0-300 minutes 0 stands for GPS always on, default: 5 minutes)	Set the time to go to sleep when still	SENDS,A#	SENDS_OK
66	Query SENSOR Control GPS	Query the time to go to sleep when still	SENDS#	Sends:3;
67	Turn on the mileage statistics function	Mileage statistics open	MILEAGE,ON,0#	MILEAGE_OK
68	Mileage statistics closed (Off by default)	Turn off mileage statistics	MILEAGE,OFF#	MILEAGE_OK
69	Query mileage statistical parameters	Query mileage statistics parameter settings	MILEAGE#	MILEAGE:OFF,0KM;
70	Query GPRS parameters	GPRS parameter status	GPRSSET#	GPRS:ON;cmiot,,;1,hwc9760.gpsog.com,9760,0;URL:http://maps.google.com/maps?q=
71	Query corner supplementary transmission parameters	Corner supplementary transmission setting parameter query	ANGLEREP#	ANGLEREP,ON,15,2;
72	Turn off corner coverage setting	Turn off corner pass	ANGLEREP,OFF#	ANGLEREP_OK
73	Corner supplementary transmission parameter settings: X: corner angle Y: corner detection time	Corner supplementary transmission parameter settings	ANGLEREP,ON,X,Y#	ANGLEREP_OK