

GS900 SMS COMMANDS

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: Alarm 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: 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,ON,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,A,B,C,D#	SENSORSET_OK
30	Query vibration sensitivity	Query the sensitivity of the vibration sensor	SENSORSET#	SENSORSET:10,2,3,1
31	TIMER, T1, T2# T1=5~18000s, the interval for uploading GPS data while driving when the ACC line is connected T2=5~18000s, the interval for uploading GPS data while driving when the ACC line is not connected	Set the time interval for uploading device positioning data	TIMER,T1,T2#	TIMER_OK
32	Query 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; Alarm 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:ON/OFF; M=0~1; Alarm 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	Turn on rapid acceleration alarm : 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 ² , default 3.0m/s ² Default: OFF	Rapid acceleration alarm	ACCEL,ON,M,A#	ACCEL_OK
44	Turn off acceleration alarm	Turn off acceleration alarm	ACCEL,OFF#	ACCEL_OK
45	Query acceleration alarm setting	Rapid acceleration alarm query	ACCEL#	ACCEL:ON,1,1
46	Query 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 ² , default 4.0m/s ² Default: off	Quick deceleration alarm	DECEL,ON,M,A#	DECEL_OK
47	Turn off deceleration alarm	Turn off deceleration alarm	DECEL,OFF#	DECEL_OK
48	Quick deceleration alarm setting query	Rapid deceleration alarm query	DECEL#	DECEL:ON,1,1
49	Set collision alarm parameter : S is the alarm switch ON/OFF, the default is OFF; 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
50	Query collision alarm setting	Collision alarm query	COLLIDEALM#	COLLIDEALM:ON,0,720;
51	Query map link	Query map link for current device location	URL#	<2023-12-22 05:24:56>http://maps.google.com/maps?q=+31.361234,+123456
52	APN Setting	Set the APN	APN,APN name#	APN_OK, The terminal will restart after 30 seconds!
53	APN setting check	APN check	APN#	Currently in use APN:;;
54	APN adaptive status query	Check apn adaptation status	ASETAPN#	ASETAPN:ON,Currently in use APN::UserName::Password::
55	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!

56	Static point transmission positioning setting switch X=0: Do not upload X=1: Upload when GPS is ON, do not upload when GPS is OFF X=2: Upload when GPS is OFF, do not upload when GPS is ON X=3: Upload when GPS is ON or OFF	Static point transmission GPS positioning setting switch	STA_SENDGPS,X#	STA_SENDGPS_OK
57	Set the static point transmission positioning interval T=5-18000(s)	Set the static point transmission positioning interval	DORMANCY,T#	DORMANCY_OK
58	Stationary transmission point query	Stationary GPS positioning point query	STA_SENDGPS#	gpson_sta_send:0;
59	Let upload location immediately	GPS position immediately	LJDW#	LJDW_OK
60	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!
61	Query the current parameter setting	Query the timezone	GMT#	Currently Timezone(GMT):E,0,0
62	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!
63	Query time zone adaptation	Time zone adaptive parameter query	ASETGMT#	ASETGMT:ON; Currently Timezone(GMT):E,0,0
64	External voltage detection	Query the external voltage value connected to the device	POWERLEVEL#	POWERLEVEL_OK:11.80V
65	Turn off ACC ON alarm	Turn off the ACC ON alarm function of the device.e.	ACCALM,OFF#	ACCALM_OK
66	Turn on ACC ON Alarm M=0~3; 0 GPRS, 1 SMS +GPRS; 2 GPRS+SMS+CALL 3 GPRS+CALL)	Enable the ACC ON alarm function of the device and set the alarm upload method	ACCALM,ON,M#	ACCALM_OK
67	Query ACC ON alarm status	ACC alarm check	ACCALM#	ACCALM:ON,1;
68	Turn off ACC OFF alarm	Turn off the ACC OFF alarm function of the device.	ACCOFFALM,OFF#	ACCOFFALM_OK
69	Turn on ACC OFF Alarm M=0~3; 0 GPRS, 1 SMS +GPRS; 2 GPRS+SMS+CALL 3 GPRS+CALL)	Enable the ACC OFF alarm function of the device and set the alarm upload method	ACCOFFALM,ON,M#	ACCAOFFLM_OK
70	Query ACC OFF alarm status	ACC OFF alarm check	ACCOFFALM#	ACCOFFALM:ON,1;
71	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
72	Query SENSOR Control GPS	Query the time to go to sleep when still	SENDS#	Sends:3;
73	Turn on the mileage statistics function A=Initial mileage (meters)	Mileage statistics open	MILEAGE,ON,A#	MILEAGE_OK
74	Turn off Mileage statistics function (Off by default)	Turn off mileage statistics	MILEAGE,OFF#	MILEAGE_OK
75	Query mileage statistical function	Query mileage statistics parameter settings	MILEAGE#	MILEAGE:OFF,0KM;
76	Query GPRS parameters	GPRS parameter status	GPRSSET#	GPRS:ON;cmiot,;,1,hwc9760.gpsog.com,9760,0;URL:http://maps.google.com/maps?q=
77	Query corner upload function	Corner supplementary transmission setting parameter query	ANGLEREP#	ANGLEREP,ON,15,2;
78	Turn off corner upload function	Turn off corner pass	ANGLEREP,OFF#	ANGLEREP_OK

79	Turn on corner upload function X: corner angle Y: corner detection time	Corner supplementary transmission parameter settings	ANGLEREP,ON,X,Y#	ANGLEREP_OK
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