

GS900 SMS COMMANDS

| NO. | SMS Name | description | Format | Reply |
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| 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 |

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| 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; |

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| 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 ² , default 3.0m/s ² 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 |

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| 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 ² , default 4.0m/s ² 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 |
| 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 |

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| 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 |