

4G VEHICLE GPS TRACKER

OPERATION MANUAL

MODEL: OBD-4G

1、APN		
Function	Format	Description
Set APN	APN,X#	APN varies according to local telecom operators.
	APN,X,user,password#	Please use the first method if it doesn't request a password. Please use the second method if it request a password.
Sample	APN,cmnet#	
SMS Feedback	SET APN OK	
Function	Format	Description
Query APN	APN#	Query the APN of the device.
Sample	APN#	
SMS Feedback	Currently in use APN:CMNET	

2、SERVER		
Command	Format	Description
Set Server	SERVER,1,Domain,Port,0#	Set server parameters. 1:Domain, 0:IP.
	SERVER,0,IP,Port,0#	The last 0 represents TCP, which is the default.
Sample	SERVER,0,8.211.44.75,7700,0#	
SMS Feedback	SET OK	

3、SOS NUMBER		
Command	Format	Description
Add	SOS,A,[number1],[number2],[number3]#	You can set up to three numbers once time. If you want to set 1 number, format is SOS,A,[number1]#. If you want to set 2 numbers, format is SOS,A,[number1],[number2]#.

		The SOS number is used to voice monitor and receive calls and messages such as SOS alarm etc.
Sample	SOS,A,8613912345678,8613912345678#	
SMS Feedback	Set OK	
Command	Format	Description
Delete	SOS,D,[number1],[number2],[number3]#	You can delete three numbers once time. If you want to delete 1 number, format is SOS,D,1#. If you want to delete 2 numbers, format is SOS,D,1,2#. If you want to delete 2 numbers, format is SOS,D,1,2,3#.
Sample	SOS,D,2#	
SMS Feedback	SET OK	

4、KEYALM		
Command	Format	Description
KEYALM	KEYALM,ON,M#	M=0~2, Alarm reporting method, 0 is GPRS, 1 is SMS+GPRS, 2 is GPRS+SMS+CALL. Set alarm reporting method, once the alarm is triggered, call the preset SOS number.
Sample	KEYALM,ON,1#	
SMS Feedback	SET OK	

5、CENTER NUMBER		
Command	Format	Description
Add	CENTER,A,[number]#	It can only set one center number. Changing the center number requires re-instruction.
Sample	CENTER,A,13912345678#	
SMS Feedback	SET OK	
Command	Format	Description
Delete	CENTER,D#	Delete center number.
Sample	CENTER,D#	
SMS Feedback	SET OK	

6、HBT		
Command	Format	Description
Set	HBT,T1,T2#	Heartbeat packets uploaded by the device according to the set time. T1=1~5min, it means HBT upload time when acc on. T2=1~5min, it means HBT upload time when acc off.
Sample	HBT,1,2#	
SMS Feedback	SET OK	
Command	Format	Description
Query	HBT#	Query the HBT upload time set.
Sample	HBT#	
SMS Feedback	HBT: 60,120	

7、TIMER		
Command	Format	Description
Set	TIMER,T1,T2#	Timing transmission time of GPS positioning data packet. T1=5~60s, it means GPS upload time when acc on. T2=5~60s,it means GPS upload time when acc off.
Sample	TIMER,5,10#	
SMS Feedback	SET OK	
Command	Format	Description
Query	TIMER#	Query the GPS positioning data upload time set.
Sample	TIMER#	
SMS Feedback	TIMER:5,10	

8、 DEFENSE		
Command	Format	Description
Automatic Defense	DEFENSE,A#	A=1~160min, it means set a time of delay defense. Start timing of command issuance, end of set time, device automatic defense. Default is 10min.
Sample	DEFENSE,3#	
SMS Feedback	SET OK	
Command	Format	Description
Query	DEFENSE#	Query the delay defense time set.
Sample	DEFENSE#	
SMS Feedback	DEFENSE:2	

9、SENDS		
Command	Format	Description
Set	SENDS,A#	A=0~300min, it means how many minutes will the device be located. If the GPS is positioned within the set time, upload the GPS positioning data package. Otherwise, upload the LBS positioning data package. If A=0, it indicates that the GPS is normally on.
Sample	SENDS,5#	
SMS Feedback	SET OK	
Command	Format	Description
Query	SENDS#	Query sensor control GPS time.
Sample	SENDS#	
SMS Feedback	SENDS:3	

10、SENALM		
Command	Format	Description
On	SENALM,ON,M#	M=0 ~ 2. Mode of alarm, 0 is GPRS, 1 is SMS&GPRS, 2 is GPRS&SMS&CALL. To trigger the vibration alarm logic, first, the device is in defense, turn on the vibration alarm function, and the device vibrates 3 times within 10s, triggering a vibration alarm. Each defense only takes effect once. If it takes effect again, reset it.
Sample	SENALM,ON,2#	
SMS Feedback	SENALM:ON,2	
Command	Format	Description
Off	SENALM,OFF#	Turn off the vibration alarm function.
Sample	SENALM,OFF#	

SMS Feedback	SENALM:OFF	
Command	Format	Description
Query	SENALM#	Query whether the device vibration alarm function is turned on.
Sample	SENALM#	
SMS Feedback	SENALM:1 SMS:0 CALL:0 GPRS:1	

11、SENSORRANGE		
Command	Format	Description
SET	SENSORRANGE,A#	A=0 ~ 255, Vibration sensitivity. The lower the number, the more sensitive. Default is 12.
Sample	SENSORRANGE,10#	
SMS Feedback	SET OK	

Command	Format	Description
Query	SENSORRANGE#	Query the vibration sensitivity set.
Sample	SENSORRANGE#	
SMS Feedback	SENSORRANGE:12	

12、POWERALM		
Command	Format	Description
On	POWERALM,ON,M,T1,T2,#	M=0 ~ 2.Mode of alarm, 0 is GPRS, 1 is SMS&GPRS, 2 is GPRS&SMS&CALL. T1=2~60s, Power off detection time, Detect whether the device is powered off within the set time. T2=1~3600s, It means how many seconds will the next power off alarm be triggered.
Sample	POWERALM,ON,2,10,10,#	
SMS Feedback	SET OK	

Command	Format	Description
Off	POWERALM,OFF#	Turn off the power off alarm function.
Sample	POWERALM,OFF#	
SMS Feedback	SET OK	

13、BATALM		
Command	Format	Description
On	BATALM,ON,M#	M=0 ~ 1.Mode of alarm, 0 is GPRS, 1 is SMS&GPRS. When the battery power of the device is lower than 20%, a low power alarm is triggered.
Sample	BATALM,ON,1#	
SMS Feedback	SET OK	
Command	Format	Description

Off	BATALM,OFF#	Turn off the lower battery power alarm function.
Sample	BATALM,OFF#	
SMS Feedback	SET OK	
Command	Format	Description
Query	BATALM#	Query whether the device lower battery power alarm function is turned on.
Sample	BATALM#	
SMS Feedback	BATALM:1 SMS:0 CALL:0 GPRS:1	

14、 SPEED		
Command	Format	Description
On	SPEED,ON,B,C,M#	B=5~600s, device overspeed duration. C=1~255km/h, speed value. M=0~1.Mode of alarm, 0 is GPRS, 1 is SMS&GPRS.

		When the device exceeds the set speed value and continues to reach the set time, an overspeed alarm is triggered.
Sample	SPEED,ON,10,120,1#	
SMS Feedback	SET OK	
Command	Format	Description
Off	SPEED,OFF#	Turn off the overspeed alarm function.
Sample	SPEED,OFF#	
SMS Feedback	SET OK	
Command	Format	Description
Query	SPEED#	Query whether the overspeed alarm function is turned on.
Sample	SPEED#	
SMS Feedback	SPEED:1-5-120 SMS:0 CALL:0 GPRS:1	

15、URL		
Command	Format	Description
URL	URL#	Query device-targeted Google links
Sample	URL#	
SMS Feedback	ID:862205057045454 Spd:000 T:23/03/27 15:24 bat:81 http://maps.google.com	

16、STATUS		
Command	Format	Description
STATUS	STATUS#	This command is used to query the current working status of the device.
Sample	STATUS#	
SMS Feedback	ID:862205057045454,ACC:ON,NET:1,CSQ:23,GPS:0-11	

17、VERSION		
Command	Format	Description
VERSION	VERSION#	This command is used to query the device version.
Sample	VERSION#	
SMS Feedback	VER:V_6.1 2022/11/11	

18、WHERE		
Command	Format	Description
WHERE	WHERE#	Query device location.
Sample	WHERE#	
SMS Feedback	ID:862205057045454 Spd:000 T:23/03/27 15:24 bat:81 http://maps.google.com	

19、PARAM		
Command	Format	Description
PARAM	PARAM#	This command is used to check the set parameters and default parameters.
Sample	PARAM#	
SMS Feedback	Id:862205057045454, ip:8.211.44.75 7700, apn: internet--,phone:-,time:10-10,heart:180-300	

20、RESET		
Command	Format	Description
RESET	RESET#	Reset the device.
Sample	RESET#	
SMS Feedback	RESET OK	