

**Water Proof GPS vehicle tracker
GPS+GSM+GPRS
Model Name:Great Cerberus TR07
(User Manual)**



1. APP/Platform real time tracking



2. Remotely cut off oil/vibration alarm



3. Waterproof--IP65

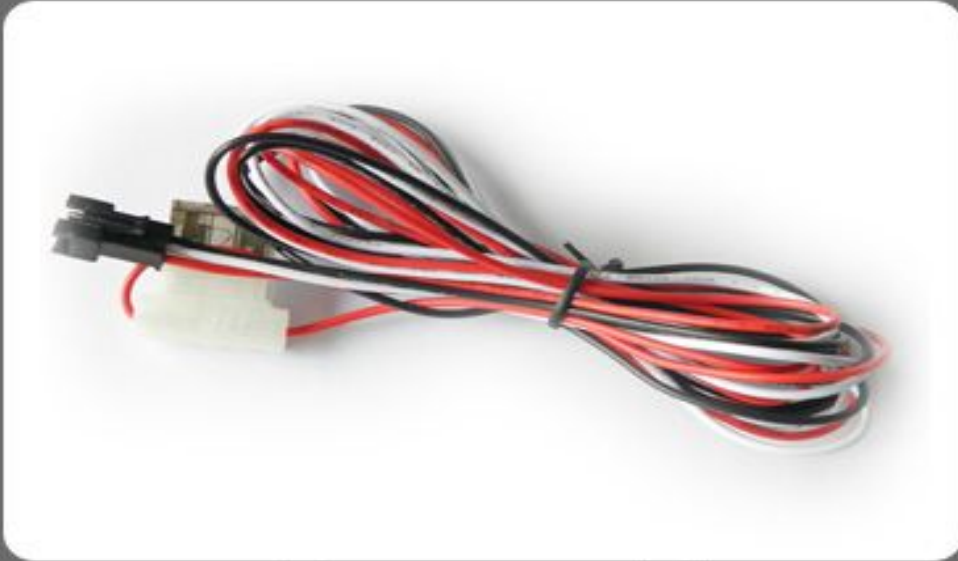


4. Over speed alarm



Read this manual carefully before installation

1. Accessories:



Power cable
(standard accessories)



screw & screw cover
(standard accessories)

2. Main characteristic:

GSM: 850/900/1800/1900 Quad band;

Working Voltage: 9-24V

Waterproof Grade: IP65

Setting static and movement upload timing interval

Only three wires: power supply grounding cut-off petrol/electric

GPS static closed enter power save mode

Setting management number

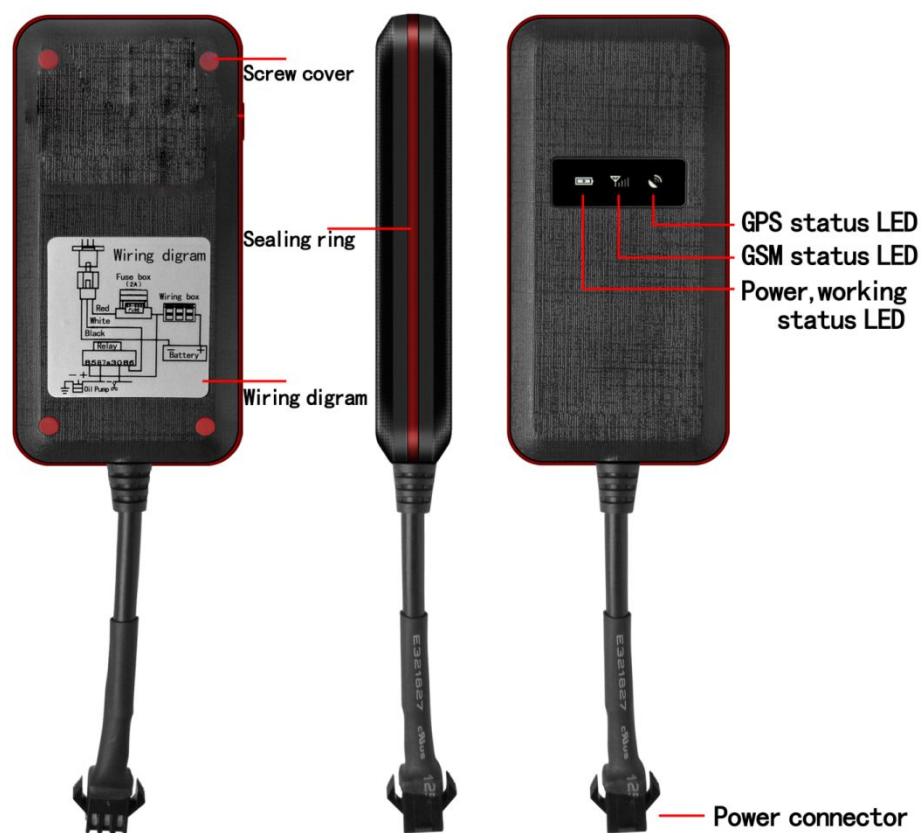
Tele-cutoff (petrol/electric) only speed less than 20km/h

3. Main features:

1. Check location via SMS and phone
2. Over speed alarm
3. Tele-cut-off (petrol/electric) function
4. Vibration alarm, without ACC ignition function.

The platform: www.gpsgreat.com

4. Out look



5. Device status indicators

5.1 Connect DC 9-24V power supply and the red LED will light continuously.

5.2 The green LED glistens when searching the GPS signals. When GPS works, the LED lights continuously.

5.3 The intermediate blue LED (GSM signal state).

GSM signal is normal, blue LED light long bright. No GSM signal, the blue LED flashes.

GPS LED not fixed, flashes (0.2 sec/2 sec), Positioning long bright.

GSM LED no signal, flashes (0.2 sec/2 sec), Signal normal long bright.

Power LED: long bright.

All LEDs will turn off after 5 minutes. When there is a new call, the LEDs will relight and turn off 5 minutes later.

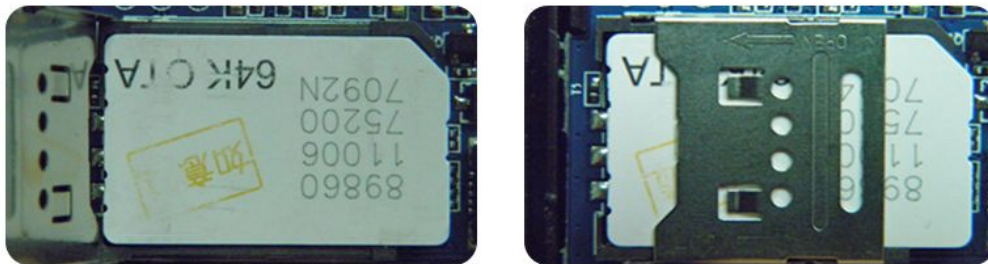
6. Installation

6.1 Preparation for the installation:

6.1.1 Product Check. Open the packing box and check the device's model and accessories. If the model is wrong or the accessories not complete, please contact the dealer.

6.1.2 Choose SIM card. Please insert a SIM card to the device. Please take dealer's advice as reference.

6.1.3 SIM card installation. Discharge the cover of the device and uncover the SIM card holder. Then insert the SIM card and cover SIM card holder (as follows).



6.1.4 Put back the front cover and screw it up.

6.1.5 Connect the device to the 9-24V power supply. (the red LED constant glow) .

6.1.6 Install the device in the hidden place of the car.

The SIM card must be with GPRS function and enough deposit. If your SIM card need input PIN when power on, please cancel it.

6.2 Installation

The GPS tracker must be installed under professional personnel.

Note:

1) Please install the device in the hidden place as followings:

Under Front windshield;

In the front instrument panel;

Under back windshield;

2) Avoid being placed with signal radiators like reverse sensor ;

3) The device has GSM antenna and GPS antenna inside. Please ensure the receiving side of the device is face up and without metal cover.

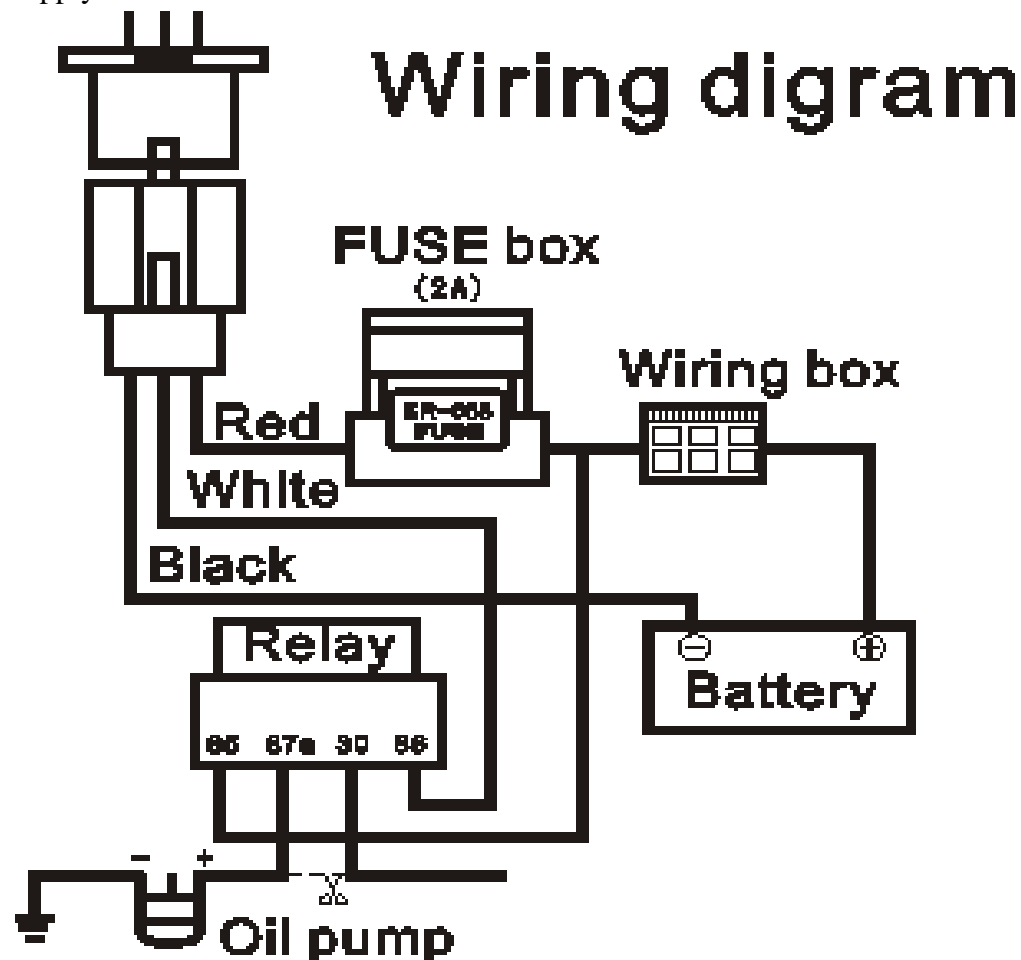
Note: The metal cover will lessen the receiving of GPS signals.6. The device connecting requirements.

7. Device wiring requirements

7.1 The device power supply is DC 9-24V. The red line is positive pole while the black line is negative pole.

7.2 The negative pole of power supply connects with ground or the metals. Please do not connect with other ground lines.

7.3 When finishing the power supply wire connection, please make the plug of power supply to the device



8. The Device Working

8.1 Power on:

the device will be power on when connecting to the current. Then the three LED indicators will light continuously. The device will upload the data to the online platform (the default interval of uploading data is 10seconds). When the car is in static state for a long time, the device will be in energy saving mode and it will be more smart and precise.

8.2 Power off:

Pull off the power plug then power off the device.

9. User Settings

9.1 Set class instruction

1)CENTER		
Text command	Parameter	Sample
CENTER Add	CENTER,A,number#	CENTER,A,13500135000#
CENTER Del	CENTER,D#	CENTER,D#
Command Description	1)Center number can control the oil and power and resume factory settings 2) Center number can receive the call and text of vibration alarm and over speeding alarm. 3) SIM must display the income call number to control oil and power. 4) Only one number can be center number. 5) Change center number must resend the command. 6)Add new center number by CETNER,A, and delete by CENTER,D	
Command Feedback	Successful Setting: SET CENTER TEL OK!	

2)APN		
Text command	Parameter	Sample
APN Setting	APN,apn[,username, password]	1: APN,intenet,123,123# 2: APN,cmnet#
Command Description	APN differs according to the local telecom operators. For example: APN request password, please refer to Sample1, and Sample2 for no password.	
Command Feedback	Successful Setting: SET APN OK!	

3)TIMER

Text command	Parameter	Sample
TIMEER Parameter setting	TIMER, uploading interval#	TIMER,30#
Command Description	Time scope: 0, 10~60 seconds; 0,no data uploading; 10~60,means time interval; the default value is 10 seconds!	
Command Feedback	Successful Setting: SET TIMER OK!	

4)STATIC		
Text command	Parameter	Sample
STATIC	STATIC, time interval#	STATIC,10#
Command Description	Time scope: 1~60 seconds; The device has3Dtransmission and the default time interval are 6 minutes.	
Command Feedback	Successful Setting: SET STATIC TIME OK!	

5)RELAY		
Text command	Parameter	Sample
RELAYParameter1	RELAY,1#	RELAY,1# cut off oil and power
RELAYParameter2	RELAY,0#	RELAY,0# recover oil and power
Command Description	<p>1)RELAY control the start and closeness of the relay</p> <p>2) Only the center number can operate.</p> <p>3) the device only cut off the oil circuit on the condition of the driving speed below 20KM/H or in static state.</p> <p>4)When send the command, the device will reply “please waiting “When the vehicle speed is over 20KM/H, the device will cut off the oil or the power when the speed below 20KM/H.</p>	
Command Feedback	Successful Setting: Relayed enable OK!	

6)SERVER

Text command	Parameter	Sample
SERVER Parameter	SERVER,8520,IP,port#	SERVER,8520,175.102.006.042,8886#
Command Description	Change the IP and port when move to a new server port: 10~65535 1 is domain and 0 is IP;	
Command Feedback	Successful Setting: SET SERVER OK!	

7)GMT

Text command	Parameter	Sample
GMT	GMT,location, time zone[,half time zone]#	GMT,E,8# GMT,E,5,30#
Command Description	The default time zone is Beijing time. If time zone need revised, please operate according to the above command.	
Command Feedback	Successful Setting: SET GMT OK!	

8)VIBRATION

Text command	Parameter	Sample
VIBRATION Parameter	VIBRATION, alarming level[,alarming way]#	1)VIBRATION,2,3# 2)VIBRATION,2#
Command Description	the sensitivity value of the vibration is from 1 to 5. 1is the most sensitive and 0 is close. Alarming ways: 1, calling 2, texting, 3 calling and texting. Must set the center number and receiving number.	
Command Feedback	Successful reply: SET VIBRATION OK!	

9)SPEEDING

Text command	Parameter	Sample
SPEEDING Parameter	SPEEDING, speed [alarming way]#	1)SPEEDING,120,3# 2)SPEEDING,120#
Command Description	The speed scope is form 60-220, if the speed is nothiscope, the alarm is off. Alarming : 1, calling 2, texting, 3 calling and texting. Must set the center number and receiving number.	

Command Feedback	Successful Setting: SET SPEEDING OK!
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10)RESET		
Text command	Parameter	Sample
RESET	RESET#	RESET#
Command Description	Reset the device	
Command Feedback	Successful Setting: RESET OK !	

11)FACTORY		
Text command	Parameter	Sample
FACTORY	FACTORY#	FACTORY#
Command Description	Restore the factory setting Only center number can initial this function Factory setting will recover to the original setting	
Command Feedback	Successful Setting: FACTORY OK !	

12)LANG		
Text command	Parameter	Sample
LANG Parameter	LANG,1# LANG,0#	LANG,1# 1:CHINESE, 0: ENGLISH
Command Description	; When check the location, it will reply the Chinese location in Chinese language setting; while reply the URL link when in English language setting.	
Command Feedback	Successful Setting: SET LANG OK !	

13)STIMER		
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Text command	Parameter	Sample
STIME	STIME,Minute#	STIME,10#
Command Description	This command is used to set the overspeed alarm time interval, to prevent frequent alarm; Min: 1 to 60 minutes, the default is 5 minutes;	
Command Feedback	Successful Setting: SET SPEED TIME OK !	

14)POWER (Only V06 version)		
Text command	Parameter	Sample
POWER0	POWER0#	POWER0# (Close alarm)
POWER1	POWER1#	POWER1# (Open alarm)
Command Description	This command is used to switch the external power off alarm; The default is open;	
Command Feedback	Successful Setting: SET POWER SWITCH OK !	

9.2Inquires the class instruction

15)WHERE		
Text command	Parameter	Sample
WHERE	WHERE#	WHERE#
Command Description	Check the longitude and altitude and other information of the device	
Command Feedback	Reply with longitude and altitude, speed and IMEL.	

16)123		
Text command	Parameter	Sample
123	123#	123#

Command Description	Check the current location
Command Feedback	When check the location, it will reply the Chinese location in Chinese language setting; while reply the URL link when in English language setting.

17)URL		
Text command	Parameter	Sample
WHERE	URL#	URL#
Command Description	Check the location link of Google map	
Command Feedback	<Datetime:12-07-05 13:21:30> http://maps.google.com/maps?q=N22.540885,E113.95265	

18)VERSION		
Text command	Parameter	Sample
VERSION	VERSION#	VERSION#
Command Description	The command is to check the software version	
Command Feedback	VERSION:Xxxx BUILD:2012-07-05 10:12	

19)PARAM		
Text command	Parameter	Sample
PARAM	PARAM#	PARAM#
Command Description	The command is to check the settings and the default parameter.	
Command Feedback	IMEI:351190012535936 APN:cmnet IP:IP and port TIMER: moving uploading interval STATIC: static uploading interval CENTER: center number LANG: language(CN/EN)	

	GMT: time zone (E/W8)
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20)STATUS		
Text command	Parameter	Sample
STATUS	STATUS#	STATUS#
Command Description	The command is designed for checking the device's working status.	
Command Feedback	BATTERY:100% -- Battery status (SOC) GSM Signal: MIDDLE --GSM Signal strength GPS:FIXED --GPS Location condition GPS Signal: MIDDLE --GPS Signal strength RELAYER:DISABLE -- Oil circuit state CHARGER:NORMAL -- Circuit state	

21) FEE		
Text command	Parameter	Sample
FEE Check	FEE, phone number, contents#	FEE,10010,102# (China Unicom) FEE,10086,CXYE#(China Mobile)
Command Description	The command is to check the remaining fee of the SIM card	
Command Feedback	Back to the operator's reply.	

10. Trouble shooting

10.1 The device is not online or offline on the web platform.

10.1.1 First, please check the three LED working state. If possible. You can call the device's number to check.

If not connected, the device is out of signal. If the GSM signals cannot reach your location, please drive to the open sky.

- If reminding the device SIM card is out of deposit, please make deposit by the telecom operator.

- If you can connect to the device when calling, the SIM card has deposited and please check with your operator for GPRS function. You also can check by searching the internet on your mobile phone.

- If reminding the device is power off, please turn back the device and proceed as followings:

- a) Check if the red LED is in constant glow. If the LED is dark, please check the power connecting. If fuse is broken, please return the device to the seller.

- b) If the blue GSM LED is not in constant glow, please check the installation of SIM card.

10.1.2 Please check the offline area in order to judge if the network problem of operators

10.2 When GPS cannot receive the signals, please drive in the open sky and ensure there is no metal thins on the device.

10.3 When the device cannot receive the GSM signal, please check the SIM card installation. If the GSM signals cannot reach your location (such as the basement), please drive to the open sky.

10.4 The red LED is not glow when power on. Check the fuse of the power line. If the fuse is fused, please change the fuse with the seller.

Warranty card of GPS Vehicle Tracker

Special statement:

1. Technique of this product subject to change without further notice.

2. Any change about the appearance and color is subject to the real object.

3. Warranty card applies to the product with the IMEI number listed below.

4. Please keep this card safely for the after-sale service, as well as your receipt.

5. Refer to the table below for the warranty reference.

This card is the basic certificate for warranty, please fill it carefully and keep is safely.

Name		Phone number	
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Adress			
Model		IMEI number	
Date		Invoice number	
Sales unit name			
Sales unit adress			
Sales unit Phone number			
<p>1.Main engine is guaranteed for one year for non-human damage Since the date of purchase.</p> <p>2.The situations listed below are not in the scope of warranty, the users has to pay maintenance cost:</p> <p>(1) exceed the warranty period;</p> <p>(2) disassemble or maintein without authorization;</p> <p>(3) immersion,break or burn ofcircuit board;</p> <p>(4) damages from improper installatio,use,maintenance or storage;</p> <p>(5) damages of shell, lens or intemal antenna;</p> <p>(6) IMEI number is teared or vague;</p> <p>(7) warranty certificate is inconsistent with product model, or the certificate is altered;</p> <p>(8) the damages due to force majeure.</p>			

Maintenance records			
Record one			
Maintenance unit		Date	
Fault description			
Maintenance status			
IMEI number		Serviceman	

Record two			
Maintenance unit		Date	
Fault description			
Maintenance state			
IMEI number		Serviceman	