

Vehicle 4G OBD Data Terminal

Quick Installation User Manual

(Version V1.0)

Thank you very much for using GPS TRACKER, the user manual will guide how to operate this product, please read it carefully before using it in order to get the correct method of operation. If the appearance, color and accessories of this product are modified, please refer to the actual product. The manufacturer is not liable for faults and omissions which in the user manual.

1、 Product functions & Parameters

1.1 Product functions

Location inquiry, geo-fence, over-speed alarm, power-off alarm, historical route playback, Vehicle fault diagnosis, OBD data detection.

1.2 Parameters

QUECTEL EC20 module (different modules for different countries, the following are the frequency bands for EC20, different countries with different modules and frequency)

4G:LTE FDD:B1/B3/B5/B8

LTE TDD: B34/B38/B39/B40/B41

3G :WCDMA:B1/B8

:TD-SCDMA:B34/B39

2G :CDMA:BC0 900/1800MHz

- Wide voltage input range: 9 - 35V;
- Location time: average warm start:≤3sec(open sky)
Average cold start:≤35sec(open sky)
- Device dimensions:59mm × 45mm × 22mm;
- Location accuracy:≤10 meters;
- Working Temp:-20°C - 75°C

2、 Product accessories and LED light status

2.1 Accessories:

Standard: device, user manual

2.2 Device LED light status

2.2.1 RED LED (OBD Working status)

Light status	Meaning
light	OBD working
off	OBD Sleep/power off

2.2.2 Yellow LED (GSM signal status)

Light status	Meaning
Quick flash	GSM initialization
light	GPRS normal communication/online
off	GSM sleep/power off

2.2.3 Blue LED (GPS signal status)

Light status	Meaning
Quick flash	GPS signal searching
light	GPS location finished
off	GPS sleep/power off

3、 Installation instructions

3.1 Preparation before installation:

1, Open the box and check whether the device and the accessories are complete, otherwise please contact your dealer.

2, SIM card selection, the device works with Micro SIM card, and support full Netcom band.

3, SIM card installation, SIM card corner inside, chip face to the side with shrapnel, which can help to hold the card.

Note: (1) Before installing or removing the SIM card, please switch off the device;

(2) Should activate the GPRS function of the SIM card;

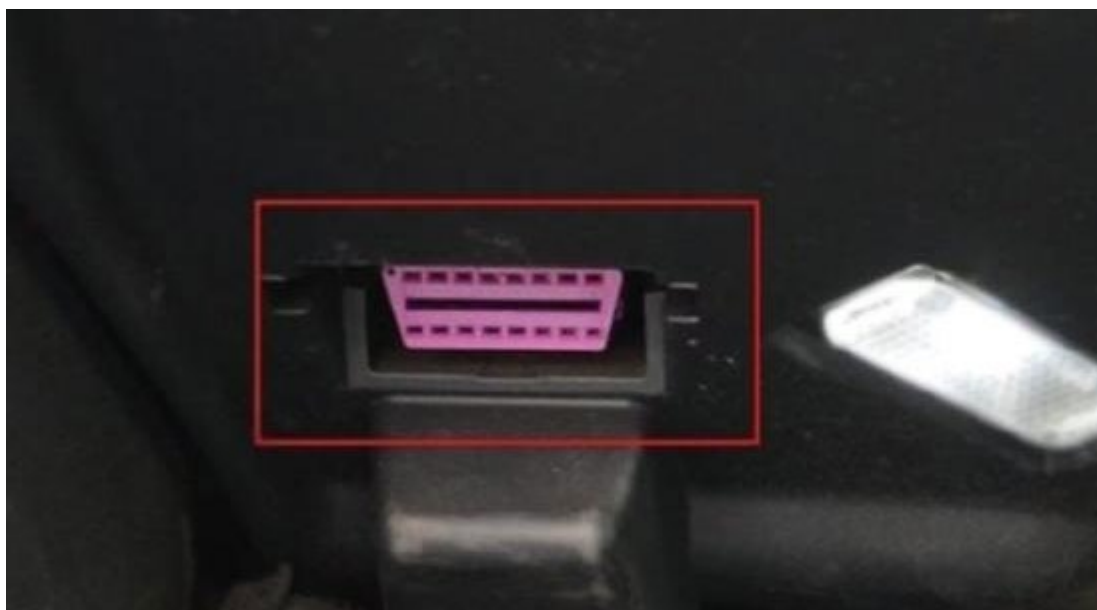
(3) Should activate the caller ID function; (activate or not according to the functions you chose.)

(4) If your SIM card required you to input the SIM PIN, please refer to your mobile phone user manual to turn off the SIM PIN function.

(5) Please ensure that the SIM card is valid.

3.2 Installation

Device with standard OBDII socket



4、 SMS commands and instructions:

Send SMS command from user's SIM card number to the SIM card number which inside the GPS device.

The commands in the following SMS command list are in English input format, and the letters are case-sensitive according to the instruction requirements.

Common commands	SMS command format	Device reply
User parameter query	CXZT	Version、 ID、 IP, etc...
Revise IP	IP+blank+IP+blank+port Example: IP 106.3.230.234 8185	SET IP OK

Device restart	CQ	CQ OK
Restore factory settings	FORMAT	FORMAT OK
ACC off upload time interval	FREQ,123456,20	SET OK
ACC ignition upload time interval	STATIC,123456,20	SET ACCONTIME OK
Revise APN	APN123456 CMMTM	SET APN OK
Revise APN user name	APNUSER123456 USER	SET APNUSER OK
Revise APN password	APNPASSWD123456 PASSWORD	SET APNPASS OK

5、 App operation

5.1 Login location service platform

Users can login to the global positioning service platform provided by the dealer, to check the location and status of the vehicle, and perform corresponding operations. Please consult your dealer for the service platform website.

5.2 Platform login on computer:

Enterprise users and fleet management users please select the username to log in. User name and password are set by the dealer, please contact your dealer for user name distribution!

For individual users, please login with the device ID number. The ID number is on the device body and also on the package box. When logging in to the platform, please select IEIM/License number to log in. The default password is: 123456

Android APP download, please scan the QR code on the computer, and if Apple mobile phone, please search the APP name in the App store.

5.3 Functions introduce

5.3.1 Real-time tracking:

Click the “Real-Time tracking” icon to enter the corresponding page to view the vehicle status, VIN code, driving route, speed, direction, street view and other information.

Introduction of command operation

Idle speed alarm setting: set the idle speed warning, when the vehicle has speed, but lower than the preset idle speed, send alert message.

Water temperature range setting: set the coolant temperature range, when the coolant temperature higher than the preset temperature, send alert message.

Low voltage alarm setting: set low voltage warning for the battery, when the battery voltage lower than the preset voltage, send alert message.

Over-speed alarm setting: Set the over-speed warning, when the speed faster than the preset speed, send alert message.

Continuous driving time warning alarm: set continuous driving fatigue warning, when driving time longer than preset time, send alert message.

Minimum rest time: Set the rest time. If engine off time shorter than preset time, send alert message.

Inflection point Completion angle: Set the corner replenishment angle. When the device angle changes bigger than the pre-set value, then report this data.

ACC off upload interval: Set the upload interval after ACC off. When ACC off, the device upload according to the pre-set time interval.

ACC on upload interval: set the upload interval when ACC on, the device upload according to the pre-set time interval

Revise Password: Set the modification of login password.

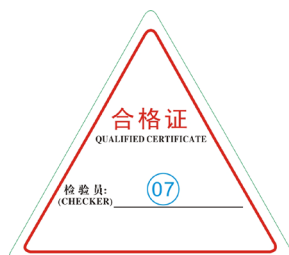
6. Trouble shooting

If the device can't be connected to the background server after first time installation, and the background server shows it is offline, please check the installation correct or not.

If you have any questions for the operation, please refer to the following questions and solutions; if you still can't solve the problem, please contact your dealer.

Common Problems	Reasons	Solutions
Poor signal	Test at areas where there are high buildings or underground parking lots, where radio waves cannot be sent or received normally.	Use it at a good signal place
platform shows device not activated after first installation	Main power supply connected correct or not	Do not connect to the main control line of the vehicle
	SIM inserted not correct	Check the SIM card
	LED status	Check if the indicator is blinking or steady
	SIM without GPRS activated or SIM card out of charge.	Please contact carrier to activate GPRS or charge
Platform map shows incorrect location	GPS no location	Please go to outdoor place where GPS signal good
	Vehicle did not move after installation	Please drive the vehicle on the road
	ACC connected or not	Connect the device and turn on ACC
Platform shows the main power disconnect	Poor power supply connection	Check whether the power supply line of the device connected correct or not
Platform shows device offline	SIM card out of charge of GPRS was canceled	Please check your SIM card
	Weak signal area	Please try again at good signal area

Warranty card



Special statements:

1. If there is any technical modification for this product in the future, no further notice.
2. If the appearance or color of the product were changed, please refer to real product.
3. The warranty card is only applicable to product with IMEI number listed as below.
4. Please keep this card in good condition. Please present this card and the original purchase receipt when you apply warranty.
5. Please refer to the table below for the warranty range.

This card is the basic proof of the warranty. Please fill in the card carefully and keep it in good condition.

User Name		Telephone Number	
Address			
Model No.		IMEI	
Purchasing Date		Commercial invoice No.	
Seller Name			
Seller Address			
Seller contact number			
<ol style="list-style-type: none">1. One year from the date of purchase, the non-human damage failure is guaranteed for one year;2. Any of the following conditions is not covered by the warranty, but can be repaired if you pay the cost<ol style="list-style-type: none">(1) Exceeding the warranty period;(2) Damage caused by unauthorized disassembly or repair without the authorization of our company;(3) immersed in water and the circuit board was burnt;(4) Damage caused by improper installation, use, maintenance or storage;(5) damage of outer casing caused by the improper use;(6) The IMEI number of the product is torn or blurred;(7) The warranty card and product model No. not match, or the warranty card was altered;(8) Damage caused by force majeure.			