



GPS TRACKER MANUAL



www.trackcar.co

Phone: 1300 042 305

Email: support@trackcar.co

TABLE OF CONTENT

- 1 About us
- 2 Precautions
- 3 Safety Information
- 4 Power / Pinout diagram
- 5 Installation
- 6 Wiring Scheme
- 7 Setup Account
- 8 Warranty

ABOUT US

At TrackCar, we are dedicated to making GPS tracking accessible and affordable to everyone. Our GPS-ready car trackers seamlessly connect your vehicle to the cloud, providing you with live tracking, alerts, and notifications, regardless of whether you use your car for personal or business purposes.

We pride ourselves on being your car's lifelong partner, providing you with the technology and support you need to keep your vehicle safe and secure. With our advanced tracking technology, you can be confident that you have the tools you need to monitor your car's location and activity, ensuring that you always stay connected to what matters most.

SUPPORT DETAILS

Support hours: Mon-Fri 9am to 5pm AEST.

Email: support@trackcar.co

Phone: 1300 042 305

PRECAUTIONS



Do not disassemble the device. If the device is damaged, the power supply cables are not isolated or the isolation is damaged, DO NOT touch the device before unplugging the power supply.



All wireless data transferring devices produce interference that may affect other devices which are placed nearby.



The device must be connected only by qualified personnel.



The device must be firmly fastened in a predefined location.



The programming must be performed using a PC with autonomic power supply.



Installation and/or handling during a lightning storm is prohibited.



The device is susceptible to water and humidity if the device housing is not properly closed



Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.



Battery should not be disposed of with general household waste. Bring damaged or worn-out batteries to your local recycling center or dispose them to battery recycle bin found in stores.

SAFETY

INFORMATION

This message contains information on how to operate FTC881 safely. By following these requirements and recommendations, you will avoid dangerous situations. You must read these instructions carefully and follow them strictly before operating the device!

- The device uses a 10 V...90 V DC power supply. The nominal voltage is 12 V DC. The allowed range of voltage is 10 V...90 V DC.
- To avoid mechanical damage, it is advised to transport the device in an impact-proof package. Before usage, the device should be placed so that its LED indicators are visible. They show the status of device operation.
- Before unmounting the device from vehicle, ignition **MUST be OFF**.

POWER

Transmit power	Class 5 for GSM850/900: 30±5dBm Class 3 for GSM1800/1900: 29±5dBm Class 3 for LTE-FDD: 26±5dBm
----------------	--

Storage temperature (without battery)	-40 °C to +85 °C
---------------------------------------	------------------

POWER

Input voltage range	10 - 90 V DC
Back-up battery	320 mAh Li-Ion battery 3.7 V
Internal fuse	3A

Operating temperature (with battery)	0 °C to +45 °C
--------------------------------------	----------------

Storage temperature (with battery)	-20 °C to +45 °C for 1 month -20 °C to +35 °C for 6 months
------------------------------------	---

Operating humidity	5% to 95% non-condensing
--------------------	--------------------------

INTERFACE

GNSS antenna	Internal High Gain
GSM antenna	Internal High Gain
USB	2.0 USB Type-C
LED indication	2 status LED lights
Memory	128MB internal flash memory

Ingress Protection Rating	IP69K
---------------------------	-------

Battery charge temperature	-20 °C to +45 °C for 1 month
----------------------------	------------------------------

Battery storage temperature	-20 °C to +35 °C for 6 months
-----------------------------	-------------------------------

FEATURES

Sensors	Accelerometer
---------	---------------

Scenarios	Over Speeding detection, Unplug detection, Trip
-----------	--

Time Synchronization	GNSS, NTP
----------------------	-----------

Ignition detection	Accelerometer, External Power Voltage
--------------------	---------------------------------------

PHYSICAL SPECIFICATION

Dimensions	118x48x18.5 mm (L x W x H)
Weight	118 g

OPERATING ENVIRONMENT

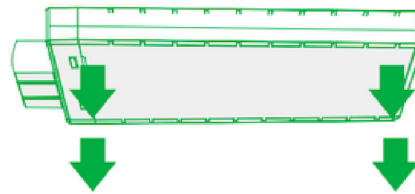
Operating temperature (without battery)	-40 °C to +85 °C
---	------------------

INSTALLATION

MOUNTING RECOMMENDATIONS

DEVICE FASTENING

- Locate the battery in your vehicle. If present remove the battery cover to access the battery.
- There is a double sided tape on the back of the device, use it to attach the device on the battery, so that the GNSS antenna and LEDs indicators are facing up.

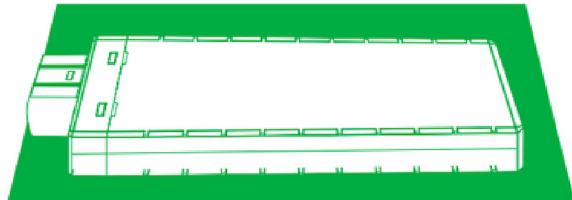


CONNECTING POWER SOURCE

- Device power wire is designed to be directly connected to the positive terminal fastener of the vehicle battery.

CONNECTING GROUND WIRE

- Connect ground wire to the vehicle frame or metal parts that are fixed to the frame.
- If the wire is fixed with the bolt, the loop must be connected to the end of the wire.
- Device ground wire is designed to be directly connected to the negative terminal fastener of the vehicle battery.



The GPS Tracker is a device that has internal GNSS and GSM antenna. Device should be mounted with the sticker view to the open sky (metal free).

WIRING SCHEME

PINOUT

PIN NUMBER	PIN NAME	DESCRIPTION
1	VCC (10-90)V DC (+)	(Red) Power supply (+10-90 V DC)
2	GND (-)	(Black) Ground

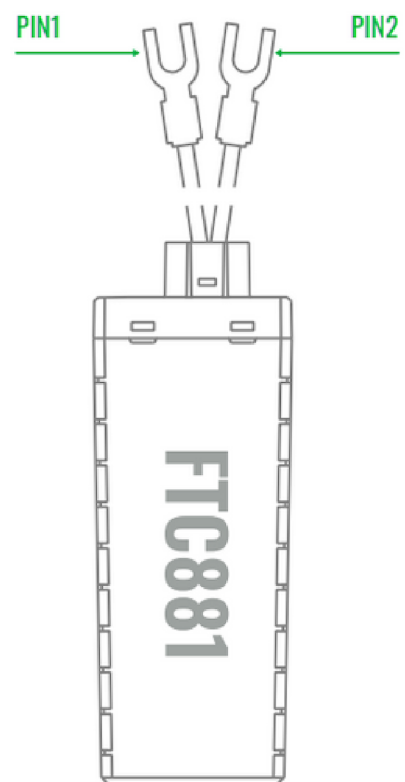
LED INDICATIONS

NAVIGATION LED INDICATIONS

BEHAVIOUR	MEANING
Permanently switched on	GNSS signal is not received
Blinking every second	Normal mode, GNSS is working
Off	GNSS is turned off because: Device is not working or Device is in sleep mode
Blinking fast Constantly	Device firmware is being flashed

STATUS LED INDICATIONS

BEHAVIOUR	MEANING
Blinking every second	Normal mode
Blinking every two seconds	Sleep mode
Blinking fast for a short time	Modem activity
Off	Device is not working or Device is in boot mode

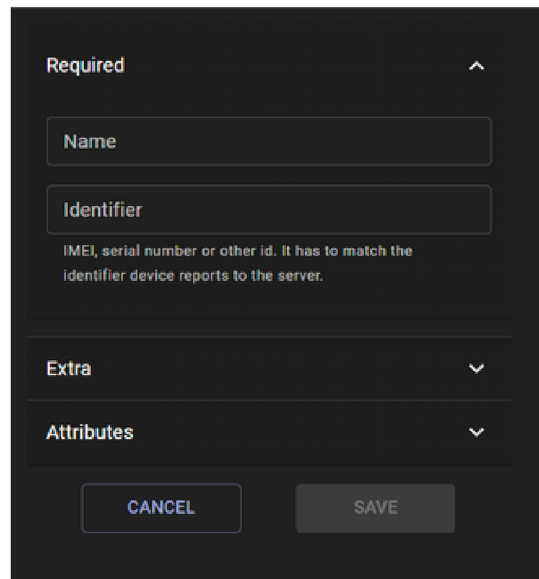
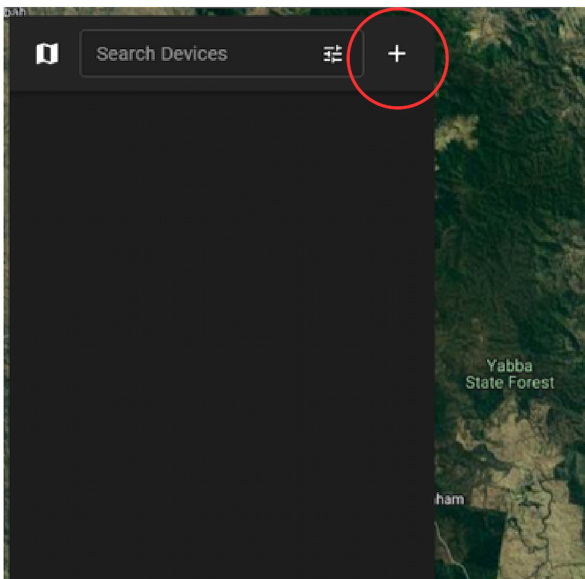


FTC881 pinout

SETUP ACCOUNT

Go to: WWW.TRACKCAR.CO

1. Register your account.
2. Click Portal Login.
3. Add the GPS Tracker to your account using the supplied Serial Number below and give the device a name.

A screenshot of the 'Required' form in the TrackCar mobile application. The form is dark-themed and has a title 'Required' with an upward arrow. It contains two input fields: 'Name' and 'Identifier'. Below the 'Identifier' field is a note: 'IMEI, serial number or other id. It has to match the identifier device reports to the server.' There are also sections for 'Extra' and 'Attributes' with downward arrows. At the bottom, there are two buttons: 'CANCEL' and 'SAVE'.

NOW YOU ARE ALL SET AND READY TO TRACK

WARRANTY

To ensure the validity of your warranty, it is essential to retain your purchase receipt as proof of purchase. In the event of making a warranty claim, you must present this document.

All products from TrackCar are covered by a warranty for 36 months from the date of purchase against defects caused by faulty materials and workmanship.

During this period, any defective products will be repaired or replaced by TrackCar. If the product comprises several accessories, only the faulty accessory or part will be replaced, and minor adjustments may be made instead of replacing the product or accessory. However, packaging and instructions will not be replaced unless they are faulty.

Please note that the warranty for a replacement product or accessory will expire on the same date as the original purchase date, i.e., 36 months from the date of the original purchase. Additionally, the cost of shipping the product back to the

TrackCar head office is the customer's responsibility. Failure to return the replacement product within 14 days from receiving it may result in the full price of the replaced hardware being charged by TrackCar.

This warranty does not apply to defects resulting from misuse, accidental damage, failure to follow instructions, or tampering by unauthorized persons. In case of a failure or fault, please contact support@trackcar.co for assistance.

Under the Australian Consumer Law, our goods and services come with guarantees that cannot be excluded. In the case of a significant service failure, you have the right to cancel your service contract and receive a refund for the unused portion or compensation for its reduced value. For significant failures with goods, you are entitled to a refund or replacement. For minor failures, you are entitled to have the failure rectified within a reasonable time, or you can cancel the contract for the service and receive a refund of any unused portion.

Please note that all GPS trackers come with a 36-month standard warranty. TrackCar reserves the right to refuse to repair or replace a GPS tracker if it is more than 36 months old.