

Opentracker 2

Quick Start Guide

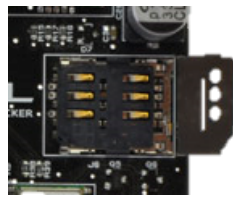
1. Insert SIM Card

Opentracker has one Micro SIM slot. Larger SIM cards can be cut into micro SIM format in any shop that sells SIM Cards or Mobile phones.

1. Unlock slot



2. Open cover



3. Insert SIM



4. Close slot and lock it



Please note:

For your convenience the SIM PIN should be deactivated.

If this is not an option, the SIM PIN has to be entered into the "tracker.h" and flashed into the Tracker. Before adding the tracker to the user web interface.

2. Connect Antennas

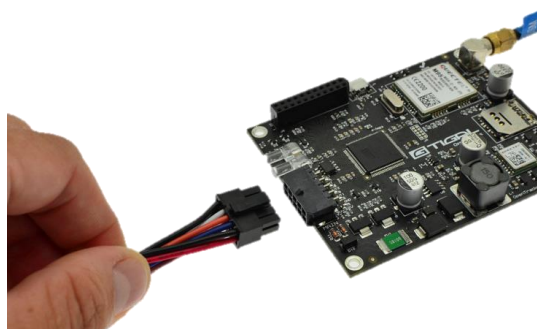
Take the Antenna ends, plug them one after the other into the Antenna connector on opentracker. Turn the Antenna cable connector **clockwise**. Ensure to connect the antennas tightly.

Make sure to plug the GPS Antenna into the connector labeled GPS (here shown orange) and the GSM antenna into the connector labeled GSM (here shown in blue).



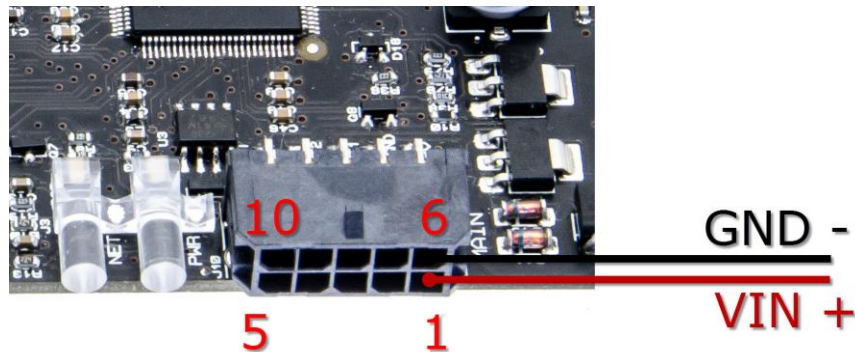
3. Connect MOLEX Cable

1. Ensure the Latch on the connector is facing up as shown in the picture below.
2. Push the connector until it clicks.



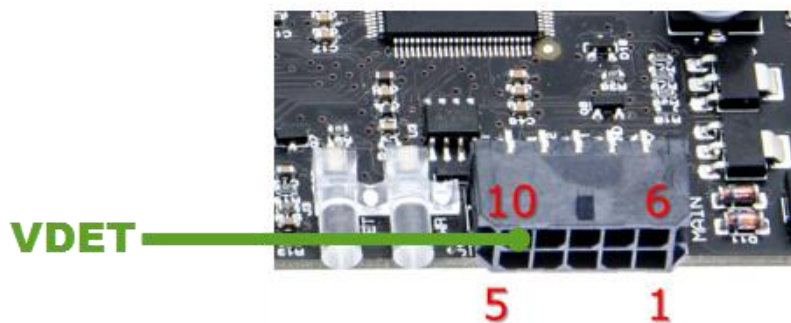
4. Connect Power source

Opentracker supports Supply voltages from 9 to 32 Volts DC.
Please connect Positive (+) to Pin 1 and Negative (-) to Pin 6.



5. Connect VDET to ignition cable of your vehicle

The Tracker is preconfigured to go in sleep if the car is turned off. The VDET Signal should be connected to the ignition cable of your vehicle. Any Car Stereo uses the same line to determine if the ignition is switched on. If you like to disable this feature you can simply connect it to the positive power source (pin 1) or change it manually in software.



6. Start up the tracker

Please ensure to insert the correct data, Wrong information can cause higher data costs and be a source of connection problems.

Setup APN

Send SMS message to the inserted SIM card number to configure APN for your GSM provider:

```
#pass,apn=APN_NAME
```

Example:

```
#pass,apn=internet
```

The module will reply with the following response:

```
APN saved
```

Send 2 SMS messages to the inserted SIM card number to configure APN username and password (optional for some GSM providers):

```
#pass,gprsuser=APN_USERNAME
#pass,gprspass=APN_PASSWORD
```

Example:

```
#pass,gprsuser=guest
#pass,gprspass=guest
```

The module will reply with the following response:

```
APN username saved
APN password saved
```

Change SMS password

Optionally, change SMS password by sending following SMS command:

```
#pass,smspass=NEW_PASSWORD
```

Example:

```
#pass,smspass=mynewpass
```

Please note:

Depending on the status of the tracker it may take a while until the SMS response is sent.

7. SMS Commands

Send SMS message to GPS tracker for initial configuration. The unit will accept only one command at a time and send a reply on successful command execution (This may take a moment).

Command	Syntax	Example	Reply
Set APN	#PASS,apn=NEWAPN	#pass,apn=internet	APN saved
Set APN Username	#PASS,gprsuser=NEWUSERN	#pass,gprsuser=guest	APN username saved
Set APN Password	#PASS,gprspass=NEWPASS	#pass,gprspass=guest	APN password saved
Set SMS Password	#PASS,smspass=NEWSMSPASS	#pass,smspass=newpass	SMS password saved
Set Sending Interval (sec)	#PASS,int=INTERVAL_SECONDS	#pass,int=60	Interval saved
Set SIM Pin	#PASS,pin=NEW_PIN	#pass,pin=1234	PIN saved

8. Register

To use the web interface you need to register your trackers IMEI number here <http://opentracker.tigal.com/register.php>.
You are then ready to start tracking.



Enter IMEI number

IMEI

Continue

To register an account you need a valid IMEI number. You can find IMEI number displayed on your tracker hardware. Your tracker must be configured to establish GPRS or SMS connection to Tigal GPS Service server.

9. You need more information?

Please refer to the full Manual of this product at:
<https://github.com/TIGAL/OpenTracker/tree/master/v2.0>



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