

# Magnetic GPS tracker Coban TK108A



## Short installation and operating instructions

Full version: <https://nyomkovetes.net>



The device is a satellite tracking device that is primarily used to track vehicles. Its operation, based on the GSM / GPRS network (mobile service providers), the Internet and the GPS satellite system, allows you to retrieve the current position and other data of the device using SMS or an Internet application.

The built-in magnet allows the device to be installed in the vehicle within seconds. With the help of real-time tracking and retrospective route query, the user can check the current and past positions and movements of the tracked vehicle at any time.

### Distributor

#### FlexCom Communication Ltd.

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Website: <https://nyomkovetes.net>

## 1. Parts of the device



## 2. Installation

### 2.1 Preparing the SIM card

If you did not obtain your SIM card from your dealer, you must set it up before inserting / using it in your device: Insert the SIM card into your phone.

1. In the phone settings, turn off the PIN code request option,
2. turn off the auto answer option, and call forwarding.
3. After turning off the above, insert the card into the tracking device.



Only nano-sized SIM cards can be used with this product. When the SIM card is inserted, the device switches on automatically.

### 2.2 Data traffic setup

If you did not obtain your SIM card from your dealer, you need to connect it to the GSM network. This can be done with the following SMS messages sent to the card's phone number (123456 is the factory default password for the tracking device).

1. Turn on GPRS data traffic  
SMS: gprs123456
2. Enter the APN name  
SMS: apn123456 (space) APN name
3. Enter the APN username  
SMS: apnuser123456 (space) APN username
4. Enter the APN password  
SMS: apnpasswd123456 (space) APN password

*If your mobile service provider has not provided an APN username and password, messages 3 and 4 do not need to be sent.*

### 2.3 Charging the battery

Use the factory charger and cable to charge, but you can also use your phone's charger or your computer's USB connector.



Charging takes 7-9 hours, during which time the LED indicator lights up red. When the device is fully charged, the light turns off.



The device does not have overcharging protection, so disconnect it from the charger after charging!

### 2.4 Positioning the device

Attach the device to the desired (metallic) surface with the magnetic back cover.



The magnets provide a strong bond, but do not resist any degree of vibration. Therefore, use the device on the outside of the vehicle only with extreme caution!

### 2.5 Install the application

If you have subscribed to a software service from your device vendor, for an Android phone:

1. Open the Google Play app on your phone.
2. Search for "FlexCom" or "FlexCom tracking".
3. Install the tracking application.

The software can be run in a browser on your iPhone or computer at the following website:

<https://gpspositions.net/map>

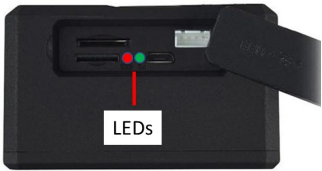


#### ATTENTION!

You need an active internet connection on your phone or computer to use the software!

### 3. Using the device

An LED informs the user about the operation and status of the device.



Display	Status	
Battery (red)	Flashes quickly	Low voltage
	On	Charging
	Off	Charged
GSM/GPRS (green)	On	No GSM connection
	Flashes once per second	Mode: GSM
	Flashes two per second	Mode: GSM with satellite connection
	Flashes three per second	Mode: GSM with excellent satellite connection
	Flashes slowly, once every three seconds	Mode: GPRS
	Flashes slowly, two every three seconds	Mode: GPRS with satellite connection
	Flashes slowly, three times every three seconds	Mode: GPRS with excellent satellite connection

### 3.1 Settings and information

If you are SUBSCRIBED for the software service provided by your reseller, you may set or obtain additional operating parameters and all tracking information through the appropriate features of the software.

If you have NOT SUBSCRIBED for the software service, you can control the device by sending SMS messages to the phone number of the SIM card in it.



#### ATTENTION!

If you have subscribed to the software service, DO NOT use SMS-based communication!

The extra costs incurred due to direct SMS messages or the costs of resolving any operational problems they may cause will be reimbursed by the service provider.

### 3.2 Use your device through an application

Separate software is available for setting or adjusting the operating parameters of the device, for retrieving information or for using more advanced services (eg map route display, waiting and travel points, diagrams, timetable, etc.). This is provided by the distributor in the form of a downloadable application on a desktop computer, tablet browser, android mobile phone as part of a subscription system.

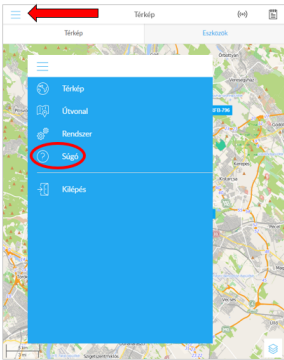
After launching the application in a browser or phone:

1. In the login window, enter the username and password you received from the reseller or registered on its website.
2. Carefully review the information on using the software in the Help.

For a browser, to access Help:



For mobile application:



### 3.3 Use the device with SMS messages

If you do not have a software subscription, you can use the basic functions of the device. You can use SMS messages sent from a mobile phone to the phone number of the device's SIM card to set operating parameters or retrieve position data.

*In messages, 123456 is the factory-set password for the device.*

#### The general form of the SMS message:

Message code+password [parameters]

where the parameters are optional depending on the nature of the message.



SMS or voice call communication with your device is charged by your mobile service provider at standard phone rates.

#### Example: Querying and displaying a device's location on Google Maps

The following command returns a Google Maps link, which when clicked (or tapped) will display the Google Map in the browser, indicating the device.

SMS: G123456#

One possible answer for the device:

Latitude

Longitude

Speed

Date

Battery voltage

Device ID

Google map link

lat:22.65655  
lon:114.18573  
Spd:000  
T:13/10/15 15:55  
bat:70%  
ID:8168000010  
<http://maps.google.cn/maps?q=+22.65655,+114.18573>

#### Example: Speed limit alarm on or off

You can set the device to send an alarm (SMS) when the vehicle speed exceeds a specified limit. The limit must be entered in the form XXX (eg 120 or 070).

##### Turning on:

SMS message: speed123456 070

Device response: speed ok

##### Turning off:

SMS message: nospeed123456

Device response: nospeed ok

For details on additional SMS commands, see the detailed user guide:

<https://nyomkovetes.net>

### Certifications

This device complies with the essential requirements and other relevant provisions of the Directives 2014/30 / EU EMC, Electromagnetic Compatibility and 014/35 / EU LVD, designed to be used within certain voltage limits.

The product meets the following specifications and standards:

RoHS 2011/65 / EU  
EN 55032: 2015 + AC: 2016  
EN 55024: 2010 + A1: 2015  
EN 61000-3-2: 2014  
EN 61000-3-3: 2013