GPS vehicle tracking device
TKSTAR TK806

Short installation and operating instructions

Full version: https://nyomkovetes.net

GPS Tracking Solutions

The device is a satellite tracking device. Due to its compact design and excellent communication capabilities, it is a convenient and efficient device. 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.

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 object at any time. The device can be connected directly to the vehicle's power supply, so it does not require charging and has an unlimited operating time.
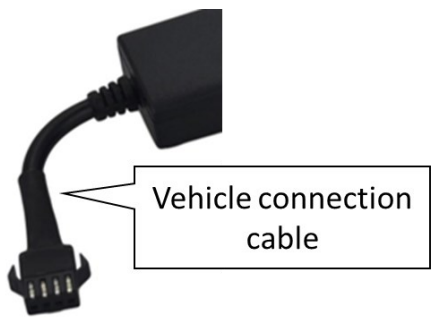
Distributor

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1. Parts of the device

USB
LEDs
SIM slot

Vehicle connection cable

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2. Startup

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:

1. Insert the SIM card into your phone. In the phone settings, turn off the PIN code request option,

2. turn off the auto answer option, and call forwarding.

After turning off the above, insert the card into the tracking device.

ℹ️ Only micro-sized SIM cards can be used with this product. If you have nano type SIM, use a card adapter. When the SIM card is inserted, the device switches on automatically.
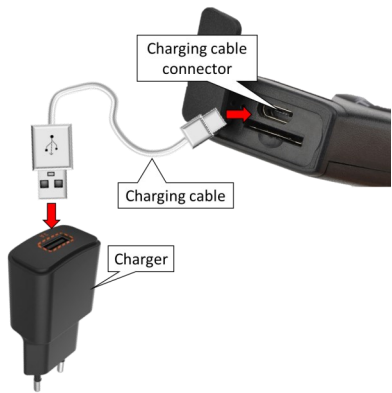

2.2 Data traffic setup

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 phone number of the card (123456 is the factory default password for the tracking device).

1. Turn on GPRS data traffic
   SMS: `gprs123456`

2. Setting the APN name
   SMS: `apn123456(space)APN name`

3. Setting the APN username
   SMS: `apnuser123456(space)APN username`

4. Setting 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

Your phone's charger is suitable for charging, but you can also use a computer's USB interface.
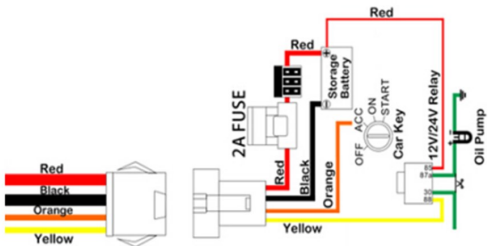

Charging cable connector

Charging cable

Charger

Charging takes 1-2 hours.

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

2.4 Positioning the device

Connect the device to the vehicle's electrical system as shown below.

Huzal	Funkció
Red	Pozitíive pole
Black	Negatíi pole
Orange	Ignition
Yellow	Relay

⚠️ Only carry out the installation yourself if you are an expert in the electrical field of the vehicle. Otherwise consult a specialist!

2.5 Install an 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". 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

ℹ️ ATTENTION!

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

3. Using the device

LEDs inform the user about the operation and status of the device.

LEDs

Solid yellow: No cellular network connection.

Flashing yellow: connected to a mobile network.

Solid blue: no satellite connection.

Flashing blue: connected to a satellite connection.

3.1 Settings and information

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

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.

 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 are 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, requesting information or using more advanced services (eg map 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.
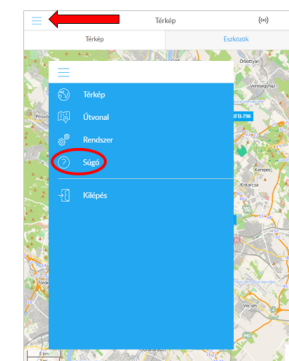
After launching the application in a browser or phone:

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, access Help:

For mobile application:

3.3 Useing 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 is:

Latitude	lat:22.65655
Longitude	lon:114.18573
Speed	Spd:000
Time	T:13/10/15 15:55
Battery voltage level	bat:70%
Device ID	ID:8168000010
Google map link	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: `speed123456 070`
Device response: `speed ok`

Turning off:
SMS: `nospeed123456`
Device response: `speed 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 2014/35 / 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