

# ICAR relay GPS tracking device IK720B



## 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.

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.

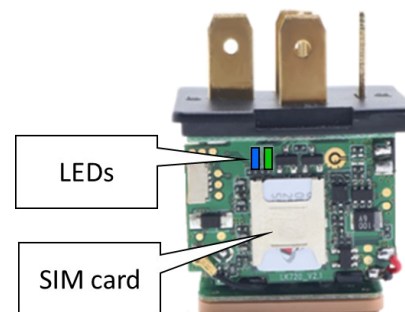
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Email: [info@nyomkovetes.net](mailto:info@nyomkovetes.net)

Website: <https://nyomkovetes.net>

## 1. Parts of the device



## 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, unscrew the SIM cover on the side and insert the card into the device.



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

### 2.2 Data traffic setup

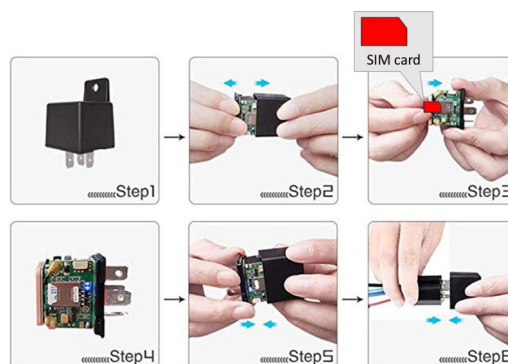
If you did not obtain your SIM card from your dealer, you need to connect it to the GSM network. This can be done with the following SMS messages sent to the card's phone number (123456 is the factory default password for the tracking device).

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.

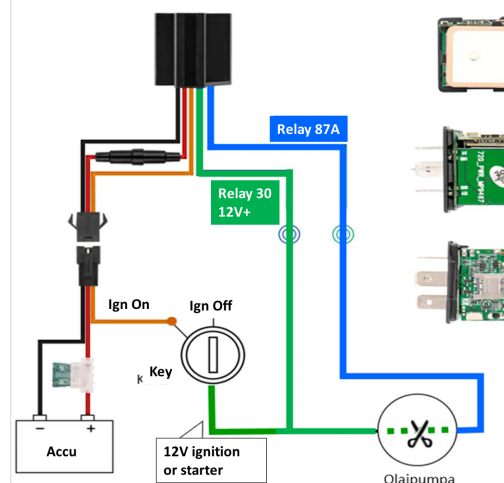
### 2.3 Inserting the SIM card

Insert the SIM card into the device as follows:



### 2.4 Installing the device

The device must be connected to an external power source (eg vehicle battery) as shown below:



### 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>

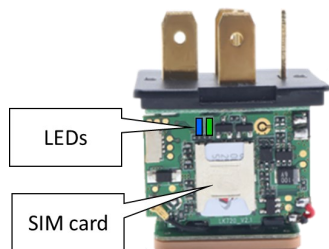






#### ATTENTION!

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.



-  **Green ON:** no mobile network connection.
-  **Flashing green:** mobile network connected.
-  **Blue ON:** no satellite connection.
-  **Flashing blue:** satellite network connected.

### 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.*

General format 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.

### 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.



#### 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.

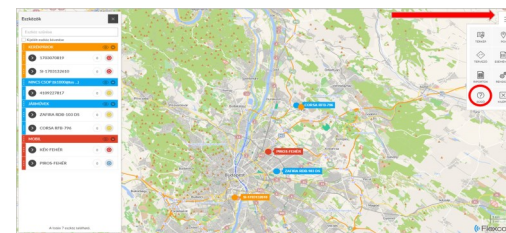
### 3.2 Use your device through an application

Separate software is available for setting or adjusting the operating parameters of the device, 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.

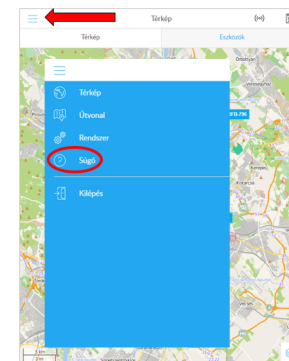
After launching the application in a browser or phone:

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 phone application:



#### 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 message: G123456 #

One possible answer for the device is:

Latitude	lat:22.65655
Longitude	lon:114.18573
Speed	Spd:000
Date	T:13/10/15 15:55
Battery voltage	bat:70%
Device ID	ID:8168000010
Google map link	<a href="http://maps.google.cn/maps?q=+22.65655,+114.18573">http://maps.google.cn/maps?q=+22.65655,+114.18573</a>

#### Example: Setting up an administrator phone number

After setting the administrator's phone number, the tracking device only accepts SMS commands from this number and also sends its own messages to it.

SMS command: admin123456 phone number  
For example: admin123456 +361234567  
Device response: admin ok

To delete an administrator phone number:  
noadmin123456

**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 for use within certain voltage limits, and complies with European Union radio frequency exposure limits.

The product meets the following specifications and standards:

RoHS 2011/65/EU  
EN 55022:2010 (electromagnetic compatibility)  
EN 55024:2010 (interference tolerance characteristics, limits and measurement methods)  
EN 61000-3-2:2006+A1:2009+A2:2009 (emission limits for harmonic currents)  
EN 61000-3-3:2008 (voltage changes, voltage fluctuations and flicker limits)