

# Coban GPS tracker TK401C 4G / 2G



## Short installation and operating instructions



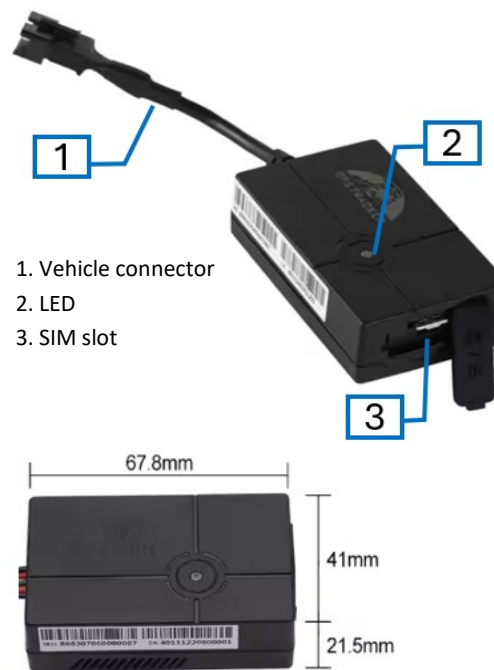
<https://wiki.flexcom.hu>



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 is based on the GSM / GPRS network (mobile service providers), the Internet and the GPS satellite system, and it ensures the retrieval of the device's current position and other data using SMS or an Internet application.

Due to its small size, the device can be easily and quickly placed in the desired location. It supports the use of an Internet map application, which allows real-time map tracking and retrieval of more complex information. It can be operated primarily by connecting it to the vehicle's power source.

## 1. Parts of the device



## Technical data

|               |                                                              |
|---------------|--------------------------------------------------------------|
| Size          | 67.8mm X 41mm X 21.5mm                                       |
| Weight        | 58g                                                          |
| Network       | 4G(B1/B2/B3/B4/B5/B7/B8/B28/B40)<br>2G(850/900/1800/1900Mhz) |
| Accuracy      | 5m                                                           |
| Input voltage | 5V - 1.0A (akku töltés)<br>12-24V (jármű áramforrás)         |
| Battery       | Rechargeable 3.7V 100mA lithium battery                      |
| Charging time | 1 hour                                                       |
| Standby time  | 30 min                                                       |

## 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:

Insert the SIM card into your phone.

- \* **turn off the PIN code request option** in your phone settings,
- \* **Turn off the auto-answer option** and call forwarding.



After disabling the above, insert the card into the tracking device. The device will automatically turn on when the SIM card is inserted and turn off when it is removed.



**Only NANO size SIM cards can be used with this product!**

### 2.2 Data traffic setup

The device will automatically connect to the GSM network. If this fails, the connection can be made by sending the following SMS messages to the card phone number (123456 is the factory default password of the tracking device).

The device only accepts configuration commands from the administrator phone.

Setting the administrator phone number:

SMS: admin123456(space)admin phone number  
Example: admin123456 0036301234567

Setting the APN name

SMS: apn123456(space)APN name

Examples:

- Telekom: apn123456(space) internet.telekom
- Yettel: apn123456(space)online
- One (Vodafone) prepaid:
- apn123456(space)internet.vodafone.net
- One (Vodafone) prepaid:
- apn123456(space)vitamax.internet.vodafone.net

Enter APN username and password

SMS: up123456(space)APN username (space) APN password

*If your mobile operator has not provided an APN username and password, this message does not need to be sent.*

If the Internet data traffic is turned off, turn it on:

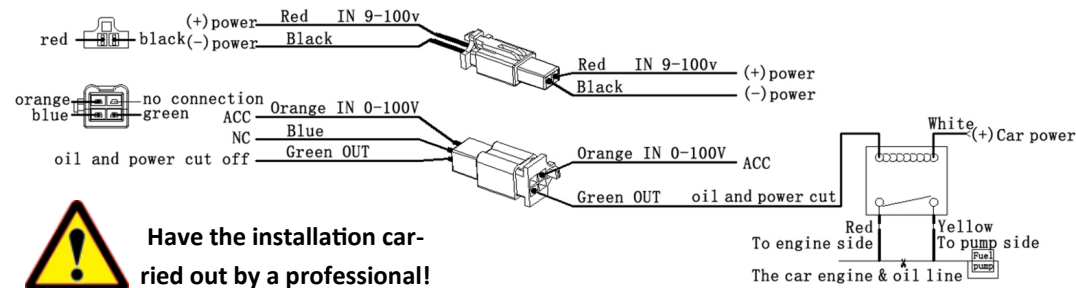
SMS: GPRS123456

### 2.4 Battery

The device contains a built-in battery that is charged and maintained by the vehicle's power source. The battery is low-power - it is designed to keep the device running for a short time after it has been disconnected from the vehicle.

If the device is connected to the vehicle's electrical system, charging will occur automatically.

### 2.3 Connecting the device to the vehicle circuit



## 3. Using the device

LED indicators inform you about the operation and status of the device.



| LED   | Status                                                                                                                                                    |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Green | Flashes once per second in GSM mode<br>Flashes every three seconds in GPRS mode<br>If there is no GSM connection, it is constantly on                     |
| Blue  | Flashes once per second when GPS signal is good<br>Flashes 3 times per second when GPS signal is excellent<br>Turns off when satellite connection is lost |

## 3.4 Using the device with calls or 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.



A készülékkel folytatott SMS vagy hanghívásos kommunikációt mobilszolgáltatója a szokásos telefonhasználati tarifák szerint számítja fel.

## 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 any 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.**

### Example: Querying device position and displaying it on Google maps

Call the phone number of the device's SIM card from your phone. After receiving the call, the device will send back the following data in an SMS message:

With the same SMS: position123456

A possible response from the device:

|                 |                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------|
| Latitude        | lat:22.65655                                                                                                      |
| Longitude       | lon:114.18573                                                                                                     |
| Speed           | Spd:000                                                                                                           |
| Time            | T:13/10/15 15:55                                                                                                  |
| Battery level   | 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> |

## 3.2 Use your device through the application

Separate software is available to set or change the device parameters, query information, and use more advanced services (e.g. map route display, waiting and travel points, diagrams, travel notes, etc.). The distributor provides this as a subscription system, in the form of an application that can be downloaded on desktop computers and tablets in a browser (<https://gpspositions.net/map>), and on Android and iPhone mobile phones.

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.

### Example: Turning the speed limit alarm on or off

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

#### Turn on:

SMS message: speed123456 070

Device response: speed ok

When the limit is exceeded, the device will send a message, for example:

speed080!coordinates

#### Turn off:

SMS message: nospeed123456

Device response: speed ok

**A detailed specification of the commands that can be issued in SMS can be found in the device's user manual:**

<https://wiki.flexcom.hu>

## 3.3 Mobile app installation

If you have subscribed to a software service from your device vendor, then:

- For Android phones, you can install the app by scanning this QR code.



- For iPhone devices, use this code.



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

## Notes

# Coban GPS tracker

## TK401C 4G / 2G



### Operating instructions and further information



<https://wiki.flexcom.hu>



### Place of origin: China

#### Manufacturer

SHENZHEN COBAN ELECTRONICS CO., LTD

**Country:** Kína

**City:** Shenzhen

**Address:** 5/F, Bldg. 22, Zhiheng Industries Park, Guankou 2nd Road, Nantou, Nanshan District, Guangdong Province, 518052

**Phone:** +86-17727739018

**Email:** [info@coban.net](mailto:info@coban.net)

**Website:** <https://coban.net>

#### Importer / distributor

FLEXCOM COMMUNICATION LTD.

**Address:** 2151 Fót, Szent Imre str. 94. Hungary

**Phone:** +36 1 769 1005

**Mobils 1:** +36 70 3333 525

**Mobils 2:** +36 70 3333 527

**Phone service:** (Monday–Thursday) 9.00–15.00

**Email:** [info@flexcom.hu](mailto:info@flexcom.hu)

**Website:** <https://flexcom.hu>

### Safety information

The appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

When using a GPS device, the following safety precautions must be observed to ensure proper operation of the device:

- **Power supply:** Operate the device only with the specified power supply voltage. Check that the power source meets the technical requirements of the device and only use chargers recommended by the manufacturer.
- **Storage:** Keep the device in a dry and well-ventilated environment. Do not store in a damp or humid location as this may damage the internal circuits.
- **Temperature:** Avoid extreme temperatures. It may cause the device to malfunction or fail if left in an overheated (above 50°C) or overcooled (below 0°C) environment.

- **Handling:** Handle the device with care. Avoid shock, strong vibration and mechanical shock, which may damage the device.
- **Cleaning:** Use a dry, soft cloth to clean the device. Do not use chemicals, cleaning agents or solvents. Always disconnect the device from the power source before cleaning.
- **Disassembly:** Do not attempt to disassemble or modify the device. Disassembly may not only invalidate the warranty, but may also cause the device to malfunction.  
If you do disassemble the device, first disconnect it from the power supply and remove the SIM card.
- **Child protection:** Keep the device out of the reach of children, especially as it contains small parts that could cause choking if swallowed.
- **Environmental awareness:** Dispose of the device and its components in accordance with local waste disposal regulations. Do not dispose of electrical and electronic waste in household waste.

- **Installation:** The device must only be installed by a qualified person. The device must be installed in accordance with the regulations.
- **Interference:** This device emits radio frequency signals—do not use where these signals may cause interference with other devices.
- **Battery use:** If you notice that the operating time is significantly reduced, have the battery replaced as soon as possible to avoid malfunction. Have the battery replaced by a qualified service technician – contact your product dealer for information.
- **Programming:** Always set up and program the device according to the manufacturer's instructions.
- **Warning for expectant mothers:** Due to the radio frequency signals emitted by the device, it is recommended that expectant mothers use the device at a distance of at least 20-30 cm and avoid direct contact with the abdominal area.

- **Emergencies:** The GPS device is not a substitute for traditional emergency call systems. In the event of an emergency, use the communication channels provided by local authorities.

### Declaration of Conformity and Certificate

Manufacturer declares under its sole responsibility that the product identified above is in compliance with the essential requirements and other relevant provisions of the following directives:

- 2014/53/EU - Radio Equipment Directive (RED)
- 2014/30/EU - Electromagnetic Compatibility Directive (EMC)
- 2011/65/EU - Restriction of Hazardous Substances (RoHS)

### Guarantee

The product is covered by a 2-year warranty, valid from the date of purchase. The warranty covers material and manufacturing defects that occur under normal use.

The warranty does not cover:

- damage resulting from improper use,
- physical damage and
- unprofessional repair or modification.

In warranty matters, please contact the place of purchase or the distributor. The original proof of purchase is required to validate the warranty.

### Related documents

Declaration of conformity, standards, certificates; environmental and detailed technical and usage information: <https://wiki.flexcom.hu>

|             |                                                                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | This symbol indicates that this product should not be disposed of with household waste at the end of its life. Please hand it in at a designated recycling point or use the services of your local |
| <b>CE</b>   | The CE marking shows that the product complies with the safety, health and environmental requirements of the European Union.                                                                       |
| <b>RoHS</b> | RoHS compliance indicates that the product does not contain hazardous substances such as lead, mercury or cadmium above specified limits.                                                          |