

JUNEO TKSTAR TK911 PRO 4G animal tracker



Short installation and operating instructions

Full version: wiki.nyomkovetes.net



primarily used for tracking vehicles. Its operation is based on the GSM / GPRS / 4G LTE 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.

With the help of real-time tracking and reverse route In addition to real-time tracking and position query, if you subscribe to the tracking software, you can check the past positions and movements of the tracked animal at any time using the retrospective route query.

1. Parts of the device



1. Indicator (device finder)
2. Switch
3. Charging connector
4. Collar fastener
5. SIM cover



Technical data

Size	75mm X 29mm X 18mm
Weight	41g
Network	2G 850/900/1800/1900 4G-E LTE-FDD B1/B3/B5/B7/B8/B20 900/1800MHz 4G-SA LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28/B66 850/900/1800/1900MHz
Accuracy	5m
Input voltage / current	5V - 1.0A
Battery	Rechargeable 3.7V 700mA lithium battery
Charging time	1 hours
Standby time	7 days

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:

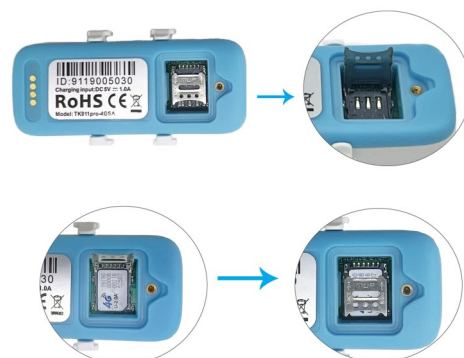
Insert the SIM card into your phone.

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

After the above, insert the card into the tracker—it will automatically turn on and connect to GSM and satellite networks (if available).

 Only NANO size SIM cards can be used with this product.

2.2 Inserting the SIM card



1. Remove the SIM cover fixing screw with the screwdriver and remove the cover.
2. Open the metal plate covering the SIM card slot.
3. Insert the card.
4. Close the metal plate.
5. Replace the cover.

2.3 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).

Enabling GPRS data traffic (factory default)

SMS: gprs123456

Setting the APN name

SMS: apn123456 (space) APN name

If the APN also includes a username and password, these are also provided by the GSM service provider and must be set as well.

Setting the APN username

SMS: apnuser123456(space)username

Setting APN password

SMS: apnpasswd123456(space)password

Examples of provider APN names

- Telekom: APN123456 internet.telekom
- Yettel: APN123456 online
- Vodafone (subscription): APN123456 internet.vodafone.net
- Vodafone (prepaid): APN123456 vitamax.internet.vodafone.net
- Digi: APN123456 internet

Important:

- The default password for the device is 123456. If you have changed the password, please use it from now on.
- After the SMS is successfully sent, the device will respond with a confirmation message confirming the success of the setup.

2.4 Charging the battery



Do not use a fast charger for charging, as it may damage the device!



The magnetic connector only connects to the device in one position!

Charging takes about 1 hour, during which the LED indicator on the top of the device will light up red. When the device is fully charged, the light will turn off.



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

3. Using the device

3.1 Positioning

Attach the device to the collar using the clip.



During use, please note that the device does not detect the movement of the tracked animal in enclosed areas (e.g. inside buildings or among tall trees, etc.), as the satellite connection may be interrupted or disrupted in such places.

3.2 Checking operation

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



	Solid yellow	No mobile network connection
	Flashing yellow	Connected to mobile network
	Solid blue	No satellite connection
	Flashing blue	Connected to a satellites
	Solid red	Charging
	Red goes out	Charged

3.3 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.

3.4 Use your device through the 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.

3.5 Install application

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.



In browser: <https://nyomkovetes.net>

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

3.6 Using 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
IdőponTime	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

The specification of additional SMS commands can be found in the detailed user manual:

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Operating instructions and further information

See more: wiki.nyomkovetes.net



- **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.

Place of origin: China

Manufacturer

Shenzhen Juneo Technology Co., Ltd.
Qihang Commercial Building 3J, Shenfeng Rd, Henggang,
Longgang district, Shenzhen Guangdong 518000

Phone: 0086-17727739018

Mobile: 0086-13502828508

Website: www.tkstargps.com

Email: support@mytkstar.com

Importer / distributor

FlexCom Communication Ltd.

2151 Fót, Szent Imre st. 94. Hungary

Phone: +36 1 769 1005

Email: info@flexcom.hu

Website: <https://flexcom.hu>

Declaration of Conformity and Certificate

Shenzhen Juneo Technology Limited, 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)

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.
- **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.

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.nyomkovetes.net>

	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 collection point.
CE	The CE marking shows that the product complies with the safety, health and environmental requirements of the European Union.
RoHS	RoHS compliance indicates that the product does not contain hazardous substances such as lead, mercury or cadmium above specified limits.