



Tracki pro 4G TRKM110-T
The smart GPS heavy-duty tracker

Product Safety Information (EN)

Please read this safety information before you use the device. Following the warnings will help prevent injury to yourself or others and damage to your device. Additional safety warnings may be given for the operation of specific Apps on your device, you should also follow these instructions.

Pictograms and Graphic Symbols

- Read the Safety Information section of this user guide before using this device. Failure to comply with safety warnings can result in serious injury.
- This device is not intended for use by children under the age of 3 years old. If you allow a child to use it, ensure the child is strictly supervised. This device contains small parts which are a choking hazard.
- For body-worn operation, maintain a separation of 5mm.
- Keep away from pacemakers and other personal medical devices.
- Switch off when instructed in hospitals and medical facilities.
- Switch off when instructed in aircrafts and airports.
- Do not take this device near explosive environments.
- Do not use while refuelling or near gas or flammable liquids.
- Do not dispose of this device or its battery in a fire.
- Avoid contact with magnetic media.
- Avoid Extreme Temperatures.
- Do not try to disassemble.
- This device will not communicate with emergency services.
- Only use approved accessories.
- This device may produce a bright or flashing light

RF Exposure

This device contains a radio transmitter and a receiver. When it is ON, it receives and transmits RF energy.

Specific Absorption Rate (SAR)

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international

guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR.

The SAR limit for mobile devices is 2 W/kg. The highest SAR value for this device when tested at 0.5cm from the body complied with this limit.

Regulatory Information

The following safety approvals and notices apply in specific regions as noted.

CE Maintenance

1. Risk of explosion if the battery is replaced by an incorrect type.
Dispose of used batteries according to the instructions.
2. EUT Operating temperature range: -10° C to 55° C.
3. The device complies with RF specifications when the device is used at 5mm from your body.
4. To prevent possible hearing damage. Do not listen at high volume levels for long periods.
5. The SAR limit of EU (CE) is 2.0 W/kg averaged over one gram of tissue. SAR(max)
Body is 1.469 W/kg.

Declaration of Conformity

Trackimo INC. hereby declares that this GPS Tracker is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), This product is allowed to be used in all EU member states.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Specific Absorption Rate (SAR) information:

This GPS Tracker meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: GPS Tracker (FCC ID: 2AAI6-TRKM110-T) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for when properly worn on the body is 1.231W/kg. This device was tested for typical body-worn operations with the

back of the handset kept 5mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 5mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 5mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

IC Warning

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

RF Exposure Information and Statement

The SAR limit of USA is 1.6 W/kg averaged over one gram of tissue. Device types: GPS Tracker (IC: 12317A-TRKM110-T) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use when properly worn on the body is 1.231W/kg. This device was tested for typical body-worn operations with the back of the handset kept 5mm from the body. To maintain compliance with IC RF exposure requirements, use accessories that maintain a 5mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with IC RF exposure requirements, and should be avoided.

Body-worn Operation This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 5mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF exposition Information et Déclaration La limite SAR des Etats-Unis est de 1,6 W / kg en moyenne par gramme de tissu. Types d'appareil: GPS Tracker (IC: 12317A-TRKM110-T) a également été testé contre ces valeurs. La valeur SAR la plus élevée déclarée en vertu de cette norme lors de la correctement porté sur le corps est 1.231W/kg. Ce dispositif a été testé pour les opérations typiques portés sur le corps avec le dos du combiné gardé 5mm du corps. Afin de maintenir la conformité aux exigences de la IC, utilisez des accessoires qui maintiennent une distance de séparation 5mm entre le corps de l'utilisateur et le dos du combiné. L'utilisation de pinces de ceinture, étuis et accessoires similaires ne doivent pas contenir de composants métalliques dans son ensemble. L'utilisation d'accessoires qui ne satisfont pas à ces exigences ne peuvent pas se conformer aux exigences de la IC, et devrait être évitée.

Porté au corps Opération Ce dispositif a été testé pour les opérations typiques portés sur le corps. Pour se conformer aux exigences d'exposition aux radiofréquences, une distance de séparation minimale de 5mm doit être maintenue entre le corps de l'utilisateur et le combiné, y compris l'antenne. Tiers pinces de ceinture, étuis et autres accessoires similaires utilisés par ce dispositif ne doit pas contenir de composants métalliques. accessoires qui ne répondent pas à ces exigences peut ne pas se conformer aux exigences d'exposition RF et doit être évité Body-porté. Utilisez uniquement l'antenne fournie ou une approbation.

UKCA

Children may hurt themselves. They may damage the phone or its accessories unconsciously. Phone or accessory in some small parts may be demolished, and there will be danger of be swallowed into their mouths.

Hereby, Trackimo INC. declares that the radio equipment type GPS Tracker is in compliance with the requirements of Radio Equipment Regulations 2017, SI 2017:1206 (as amended by SI 2019:696).

Product Handling

You alone are responsible for how you use your device and any consequences of its use.

Use of your device is subject to safety measures designed to protect users and their environment.

- Your device has an IP67 water and dust resistance rating. However, the device is not designed for swimming, diving, or prolonged submersion in water.

*IP67 tests are carried out in accordance with [IEC 60529]

- Do not expose your device or its accessories to extreme temperatures, minimum -20 and maximum +45 degrees Celsius. Any temperatures below -20 degrees Celsius the display module / battery may have reduced function due to freezing. After recovering to room temperature full function will be regained. Do not leave the device in your car alone, because temperatures in parked cars can exceed this range.
- Do not expose your device or its accessories to open flames or lit tobacco products.
- Do not use your device in a sauna or steam room.
- Do not charge your device while it is wet.
- Do not drop, throw or try to bend your device or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your device or its accessories.

- Do not attempt to disassemble your device or its accessories, only authorised personnel must do so.
- Please check local regulations for disposal of electronic products.
- Do not carry your device in your back pocket as it could break when you sit down.

Small Children

Do not leave your device and its accessories within the reach of children under the age of 3 years old or allow them to play with it.

They could hurt themselves or others, or may accidentally damage the device. Your device contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.

Demagnetisation

To avoid the risk of demagnetisation, do not allow electronic devices or magnetic media close to your device for a long time.

Avoid other magnetic sources as these may cause the internal magnetometer or other sensors to malfunction and provide incorrect data.

Seizures/Blackouts

Use only approved accessories and chargers.

Electrical Safety

Use only approved accessories and chargers.

Do not connect with incompatible products or accessories.

Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit the battery terminals, charger, and device charging point or any electrical contacts on accessories.

Do not touch your charger with wet hands. Doing so may cause an electric shock.

Do not touch the power cord with wet hands or disconnect the charger by pulling the cord. Doing so may result in electrocution.

Faulty and Damaged Products

Do not attempt to disassemble the device or its accessory.

Only qualified personnel should service or repair the device or its accessory.

If your device or its accessory has been submerged in water or other liquid, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorised service centre.

Battery Handling and Safety (For Products with Non-removable Battery)

The battery in this device is not user removable.

Do not make any attempt to remove the battery or disassemble the device to access the battery.

Only use the charger supplied, or manufacturer approved replacements intended for use with your device. Using other chargers could be dangerous.

Improper use of your device may result in fire, explosion or other hazards.

If you believe the battery has been damaged, do not use or re-charge the device and take it to an authorised service centre for testing.

Do not puncture or crush the device or allow it to be subjected to any external pressure or force.

Interference

Care must be taken when using the device in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15cm be maintained between a device and a pacemaker to avoid potential interference with the pacemaker.

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby. The level of interference will depend on the type of hearing device and the distance from the interference source, increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Devices

Please consult your doctor and the device manufacturer to determine if operation of your device may interfere with the operation of your medical device.

Hospitals

Switch off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment

Aircraft

Switch off your wireless device whenever you are instructed to do so by airport or airline staff.

EXPLOSIVE ENVIRONMENTS

Petrol stations and explosive atmospheres

In locations with potentially explosive atmospheres, do not take this device.

Areas with potentially explosive atmospheres include fuelling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting Caps and Areas

Do not use this device when in a blasting area or in areas posted turn off “two-way radios” or “electronic devices” to avoid interfering with blasting operations.

DISPOSAL AND RECYCLING

This symbol on your device, battery and accessories means the these products must be taken to collection points at the end of their life:

- Municipal waste disposal centres with specific bins for these items of equipment.
- Collection bins at points of sale.

They will then be recycled, preventing substances being disposed of in the environment, so that their components can be reused.

GENERAL INFORMATION

This radio equipment operates with the following frequency bands and maximum radio-frequency power:

GSM 850/E-GSM 900 MHz: Class 4, 33 dBm (= 2 W)

DCS 1800/PCS 1900 MHz: Class 1, 30 dBm (= 1 W)

BT (LE): 2402-2480 MHz, 0 dBm.

Made in China

Manufacturer Trackimo Inc. 680 Central Ave, Cedarhurst, New York 11516, USA.

EU Authorised Representative: TRACKIMO CEE Sp. z o.o., ul. Tytusa
Chałubińskiego 9 lok. 2, 02-004 Warsaw, Poland.

UK Authorized Representative: Authorised Rep Compliance Ltd., Arc
House, Thurnham, Lancaster, LA2 0DT, UK.

Battery

Li-PoLymer Battery

SEC 18650

DC 3.7V, 10000 mAh, 1.90Wh

Caution

Use only approved charger.

Do not disassemble or modify.

Do not short-circuit

Do not dispose of in fire.

Do not expose to high temperature (45°C/113°F).

Made by EVE Energy CO., LTD

Made in China

DECLARATION OF CONFORMITY

I hereby declare that the product

Description: GPS Tracker

Type or model name: TRKM110-T

Brand name: Trackimo

(Name of product, type or model, batch or serial number)

Hardware version number: UG02 PCB V0.3

Software version number: UG02 V0.1

satisfies all the technical regulations applicable to the product within the scope of Council Directives 2014/53/EU, 2014/35/EU and 2014/30/EU:and declare that the same application has not been lodged with any other notified body.

EN IEC 62368-1:2020+A11:2020

IEC 62368-1: 2018

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-17 V3.2.4 (2020-09)

ETSI EN 301 489-19 V2.1.1 (2019-04)

ETSI EN 301 489-52 V1.2.1 (2021-11)

EN 55032:2015/A11:2020

EN IEC 61000-3-2:2019/A1:2021

EN 61000-3-3:2013/A2:2021

EN 55035:2017/A11:2020

ETSI EN 301 511 V12.5.1 (2017-03)

ETSI EN 301 908-1 V13.1.1 (2019-11)

ETSI EN 301 908-2 V13.1.1 (2020-06)

ETSI EN 301 908-13 V13.1.1 (2019-11)

ETSI EN 300 328 V2.2.2 (2019-07)

ETSI EN 303 413 V1.2.1 (2021-04)

EN 50566: 2017; EN 62209-2:2010/A1:2019

EN 50663: 2017; EN 62479: 2010

All essential radio test suites have been carried out.

GSM

Frequency Bands:

GSM 900: 880 ~ 915 MHz(TX) 925 ~ 960 MHz (RX)

GSM 1800: 1710 ~ 1785 MHz(TX) 1805 ~ 1880 MHz(RX)

Modulation Mode: GMSK for GSM/GPRS; GMSK and 8PSK for EDGE

Antenna Type: PIFA

Antenna Gain:

GSM 900: -1.5dBi

GSM 1800:-1.5dBi

GSM900 Max power:32.62dBm

GSM1800 Max power: 29.82dBm

WCDMA

Frequency Bands:

WCDMA2100: 1920 ~ 1980 MHz(TX) 2110 ~ 2170 MHz(Rx)

WCDMA900: 880 ~ 915 MHz(TX) 925 ~ 960 MHz(Rx)

Modulation Mode: HSDPA:QPSK/16QAM; HSUPA:BPSK; WCDMA: QPSK

Antenna Type: PIFA

Antenna Gain:

WCDMA 2100:-1.5dBi

WCDMA 900:-1.5dBi

Max power:
WCDMA 2100:22.27dBm
WCDMA 900: 22.23dBm

LTE

Frequency Bands:
FDD LTE Band 1: 1920-1980 MHz (TX), 2110-2170 MHz (RX)
FDD LTE Band 3: 1710-1785 MHz (TX), 1805-1880 MHz (RX)
FDD LTE Band 7: 2500-2570 MHz (TX), 2620-2690 MHz (RX)
FDD LTE Band 8: 880-915 MHz (TX), 925-960 MHz (RX)
FDD LTE Band 20: 832-862 MHz (TX), 791-821 MHz (RX)
Modulation Mode: QPSK/16QAM
Antenna Type: PIFA
Antenna Gain:
B1: -1.5Bi
B3: -1.5dBi
B7: -1.5dBi
B8: -1.5dBi
B20: -1.5dBi

Max power:
Band 1: 23.26dBm;
Band 3: 23.34dBm;
Band 7: 23.09dBm;
Band 8: 23.01dBm;
Band 20: 23.17dBm;

Bluetooth 4.2 BLE

Frequency Bands:2402-2480 MHz
Modulation Mode: GFSK
Antenna Type: PIFA
Antenna Gain:-1.5dBi
EIRP Max power: -4.48dBm

2.4G WIFI(RX)

Frequency Bands:
802.11b/g/n(20MHz): 2412~2472MHz
802.11n(40MHz):2422~2462MHz
Modulation Mode:
802.11b(DSSS):CCK,DQPSK,DBPSK
802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM
802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM
Antenna Type: PIFA
Antenna Gain: -1.5dBi

GPS

Frequency Bands:1575.42MHz
Modulation Mode: BPSK
Antenna Type: PIFA
Antenna Gain: -1.5dBi

NOTIFIED BODY: MiCOM Labs Inc

– **Address:**

575 Boulder Court,
Pleasanton, California 94566
USA
Identification Number: 2280

MANUFACTURER or AUTHORISED REPRESENTATIVE:

– **Address**

Trackimo INC.
680 Central Ave, Cedarhurst, New York 11516, USA

This declaration is issued under the sole responsibility of the manufacturer and, if applicable, his authorised representative.

Point of contact:

Signature: Shlomo Shur Date: 2022.12.08
Name: Shlomo Shur
Title: CTO
Company: Trackimo INC.

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Software version number: UG02 V0.1

satisfies all the technical regulations applicable to the product within the scope of UK Radio Equipment Regulations (SI 2017/1206); UK Electrical Equipment (Safety) Regulations (SI 2016/1101); and UK Electromagnetic Compatibility Regulations (SI 2016/1091) and declare that the same application has not been lodged with any other UK Approved Body.

BS EN IEC 62368-1:2020+A11:2020

IEC 62368-1: 2018

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-17 V3.2.4 (2020-09)

ETSI EN 301 489-19 V2.1.1 (2019-04)

ETSI EN 301 489-52 V1.2.1 (2021-11)

BS EN 55032:2015/A11:2020

BS EN IEC 61000-3-2:2019/A1:2021

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Antenna Type: PIFA
Antenna Gain: -1.5dBi

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Frequency Bands:1575.42MHz
Modulation Mode: BPSK
Antenna Type: PIFA
Antenna Gain: -1.5dBi

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Point of contact:

Signature: Shlomo Shur Date: 2022.11.25
Name: Shlomo Shur
Title: CTO
Company: Trackimo INC.