

# Trackunit Spot2 Safety Instructions

# English

## DANGER

- Draws attention to imminent danger that will lead to serious personal injury or fatality.

## WARNING

- Draws attention to a potential threat of danger that can lead to serious injury or fatality.

## CAUTION

- Draws attention to a potentially dangerous situation that could lead to personal injury or damage to the equipment or other property



- Signifies a mandatory action



- Signifies a general warning



- Signifies a prohibited action



### Intended use:

The Spot2 is a battery powered tracking device designed to be mounted in or on vehicles depending on the type of equipment (including heavy equipment, service vans, trailers, etc.) and structures (including containers).



### Foreseeable misuse:

The device is not intended for tracking people and animals. The device is not intended for equipment other than heavy equipment, service vans, trailers and structures like containers. The device is not for use in an explosive atmosphere.



### Use location:

The device is for commercial or industrial usage and is expected to be installed in locations where only adults are normally present. This device is for indoor and outdoor installation. The device may not be submerged in water.

The device must be installed in accordance with any local requirements that applies. Method of mounting shall be suitable for the location.



The device is neither intended for high vibration use nor high temperature range applications.

## Technical Specifications

**Network:** LTE-M1 / NB-IoT

**GPS:** GPS, GLONASS, BeiDou, Galileo, QZSS

**Operating temperature:** -30°C to +60°C

**Storage temperature:** -20°C to +20°C: For optimal battery life, do not store for over 1 year.

**Battery:** Output 3600 mV, 2 × 3600mAh

**Battery Capacity:** 4000 Pings

**IP Rating:** IP69

**Accelerometer:** 3-Axis

**Weight:** 150g (5.3 oz)

**Mounting Hole Size:** 4.2 mm (0.16")



### CAUTION:

Trackunit strongly recommends that you have the proper certifications and training in installing GPS, Cellular, and electrical equipment, according to your local guidelines. If you do not possess the required knowledge, contact a certified Technician.



### WARNING: Improperly securing the device may be hazardous.

Install the device where there is no immediate risk of impact. During installation, you must account for vehicle vibrations and friction when securing the Spot2.



Do not attempt to install the device if the vehicle is moving or operational.

Do not attempt to install the device in a way that obstructs the view of the driver, or impair their movement.

Do not install the device close to the wiring of the vehicle.

Do not place directly beside the cable harness of the vehicle.

Do not mount the device in a high vibration environment.

During installation, you must securely fasten the device away from any moving parts.

Do not secure the device to the gear shift, steering wheel, gas pedal,

or the brake pedal.

Securely fasten the device away from space reserved for either the vehicle occupants or airbags.

Do not secure the device where it will obstruct the driver's limbs.

Do not secure the device in front of the air bags or other safety measures.



### CAUTION:

Take care of your posture when installing the device. Be aware of your surroundings within the vehicle, and your ergonomic positioning when installing the device.

Please review and adhere to your company's ergonomic policies and procedures when installing the device



### WARNING:

Make sure you wear all required safety equipment during installation.



### CAUTION:

This device is not a toy and should be kept away from animals and children.

**WARNING: Battery Replacement**

Do not cut, crimp, or pinch internal wiring when replacing the device's Lithium-Ion battery.

**CAUTION: Status LED**

Do not check the status LED while operating the vehicle. Only check the status LED when the vehicle is parked safely and turned off.

**WARNING: Distracted driving**

Do not install the device in a way that can distract the driver of the vehicle.

Do not install the device so that the LED is directly in the driver's line of sight.

**CAUTION: Risk of ingress of water**

Mount the device on a level surface using the included mounting hardware to maintain the IP rating.

Allow the device to reach the same temperature as the water, before cleaning.



Do not wash or clean a hot device with water colder than the device.

Do not pressure clean.

Do not clean with chemicals.

**WARNING: Modification of device may cause a hazard!**

Changes or modifications made to this device not expressly approved by Trackunit are not permitted and may void the FCC authorization [FCC part 15.21] and other authorizations to operate the device. Unauthorized modifications can increase the risk of overheating, fire, and explosion.

**WARNING: Risk of fire**

If the device enclosure has any rupture, swelling, or leakage, there is a risk of damage to the battery. Immediately stop the vehicle from operation and proceed to disconnect and remove the faulty device while observing safety precautions and guidelines. Safely dispose of the device while avoiding direct contact. Contact Trackunit directly for further help if necessary.

Do not take apart, crush, or incinerate the device.

Do not impact the device with any level of force.

Do not submit the device to temperatures above 60°C.

**WARNING: Non-ionizing Radiation Hazard**

Do not remove the activation sticker [tab] on the device until you have completed the device's installation process. Removing the activation sticker will cause the device to emit non-ionizing radiation. This device may be installed and operated with a minimum distance of 20 cm / 8 inches between the transmitter and the user. This transmitter may not be co-located or operating in conjunction with any other antenna or transmitter.

**CAUTION: Disposal**

As there is a Lithium-ion battery within the device, safely decommission the device in an appropriate way in accordance with local laws. Contact Trackunit directly for further help if necessary.

**FCC part 15.19 Notice**

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.

**FCC parte 15.19 Aviso:**

Este dispositivo cumple con la Parte 15 de las Reglas de la FCC El funcionamiento está sujeto a las dos condiciones siguientes:

(1) este dispositivo no puede causar interferencias perjudiciales, y

(2) este dispositivo debe aceptar cualquier interferencia recibida, incluidas las interferencias que puedan causar un funcionamiento no deseado.

**FCC part 15.21 Notice:**

Changes or modifications made to this equipment not expressly approved by Trackunit may void the FCC authorization to operate this equipment.

**FCC ID:** ZMF-TU600B

**ISED Notice:**

This Device complies with Industry, Science, and Economical Development Canada's RSS applicable to licence-exempt radio apparatus. Operation is permitted under the following two conditions:

(1) the apparatus must not cause interference, and

(2) the user of the apparatus must accept any radio interference suffered, even if the interference is likely to compromise its operation.

Le présent appareil est conforme aux CNR d'Industrie Science et développement économique 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.

This Class B Digital Device complies with CAN ICES-003 (B)

Cet Appareil numérique de la classe [B] est conforme a la norme NMB-003 du Canada.

**CE mark**

This device complies with the essential requirements of the RED 2014/53/EU directive as stated by the EU Declaration of Conformity. EU Declaration of Conformity (DOC) statements can be downloaded from the Trackunit website: <https://trackunit.com/guides-manuals/>

**EU/International/Automotive:**

The Spot2 complies with the essential requirements of the UN regulative ECE R10 EMC rev5 clause 6.5, 6.6, 6.8 and 6.9.

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