









Trackunit Kin/Kin-Ex Regulations and Safety



Safety Statements

	<p>Intended use This equipment is used for tracking assets including construction equipment, machine accessories, spare parts.</p> <p>Foreseeable misuse The device is neither intended for people and animal tracking nor for theft protection.</p>	 <p>Operating Conditions The device shall operate in accordance with the Technical Specifications.</p> <p>Bluetooth LE The Trackunit Kin supports Bluetooth 5.2 BLE. Operating frequency: 2402 MHz – 2480 MHz Maximum output power: 10 mW (10 dBm) E.I.R.P.</p>
	<p>Installation The equipment must be installed in accordance with any local requirements that installation may apply. The installation should only be carried out by competent persons who have the necessary training. Method of mounting shall be suitable for the location.</p> <p>Use Location This equipment design applies to commercial or industrial equipment expected to be installed in locations where only adults are normally present. For hazardous location, approved usage of the equipment [Kin-Ex] is restricted to the hazardous marking (MET mark), which the device is approved.</p> <p>Environmental This equipment is designed for outdoor usage.</p>	 <p>Warning: Radiofrequency Radiation Exposure Information Risk of serious injury This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. This equipment may be installed and operated with a minimum distance of 20 cm 8” between the radiator and the user. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.</p>  <p>Warning: Risk of fire/explosion Only dispose the equipment through local collection scheme. Do not heat, puncture, crush the equipment due to risk of fire/explosion.</p>
	<p>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.</p>	 <p>Repair The battery in this equipment is neither replaceable nor rechargeable. The device enclosure is welded and shall not be opened. No modification or repair for the equipment is allowed.</p>

Kin-Ex: Application in Hazardous Locations

	<p>MET mark The device is intrinsic safety approved for operation in Hazardous Areas in Canada and USA. The device is marked as follows: Model: Kin-Ex CLASS I, DIVISION 1 GRPS ABCD T4 Ex ia CLASS I, ZONE 0 A/Ex ia IIC T4 Ga -40°C ≤ Ta ≤ +70°C IP66, IP67, IP69 - separately tested against the requirements of IEC 60529</p>
--	--

Kin: Application in Safe Locations

CE and UKCA mark

This equipment complies with the essential requirements of the RED 2014/53/EU directive as stated by the EU Declaration of Conformity and the Radio Equipment Regulations 2017 – UK SI 2017 No. 1206. EU Certificate and Declaration of conformity [DOC] statements can be downloaded from the Trackunit website: <https://trackunit.com/guides-manuals/>
IP66, IP67 & IP69

FCC/ISED mark

This equipment contains radio transmitters that comply with CFR 47 Part 2.1091, Part 15.247 of the FCC rules and with RSS-102 and RSS-247 of Industry Canada requirements.
FCC ID: ZMF-KIN
IC ID: 9746A-KIN

International approvals

Other countries approvals are listed in the product Compliance Manual, which can be downloaded from the Trackunit website: <https://trackunit.com/guides-manuals/>

Local Regulatory Requirements

Use Location

FCC/ISED IC part 15.19 Notice
This equipment complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). 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.

ISED IC RSS-GEN Notice

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.

Mexico

La operación de este equipo está sujeta a las siguientes dos condiciones:
(1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
(2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Brazil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

Technical Specifications

Description	Technical Specification
Storage temperature	-40°C to +70°C
Operating temperature	-40°C to +70°C
Battery - Renata LiMnO2 CR2477N	3 V - 950 mAh
Expected lifetime	Up to 5 years