













Trackunit - Beam GW100 Safety Instruction

Safety Statements

	<p>Intended use This equipment is used as a stationary unit for collecting data from Bluetooth tags to track assets including construction equipment, machine accessories and spare parts.</p> <p>Foreseeable misuse The device is not intended for collecting data to track people and animals.</p>	 <p>Operating conditions The device shall be operated in accordance with the Technical Specifications.</p> <p>TU600-25 radio Bluetooth: 2,402 – 2,480 GHz, Max. 10 dBm EIRP Positioning: 1,559 – 1,610 GHz, Receive only Cellular: B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B27, B28, B66, B71, B85, Max. 33 dBm EIRP</p>
	<p>Installation The equipment must be installed in accordance with any local requirements that may apply. Observe relevant local rules if working on ladders. Method of mounting shall be suitable for the location. The installation and service of equipment including battery, fuse and component replacement shall only be carried out by competent persons who have the necessary training. The equipment must be installed out of reach and away from moving parts.</p>	 <p>Warning: Radiofrequency radiation exposure 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 inches between the radiator and the user. This transmitter may not be co-located or operating in conjunction with any other antenna or transmitter.</p>
	<p>Wear protective gloves Avoid hand contact with the magnets which contain nickel.</p>	 <p>Warning: Risk of fire/explosion Do not heat, puncture, or crush the equipment/the battery due to risk of fire/explosion. Take care that wires are not pinched during service.</p>
	<p>Warning: Risk of falling item When using the magnetic bracket for mounting the device, please follow these instructions: - Clean the mounting surface before attaching the bracket. - Only mount the product on a flat and non-corroded surface. - Do not mount the product higher than 2m. - Do not mount the product on any hot surface. - Do not mount the product on moving parts.</p>	 <p>Magnetic field Keep magnets away from devices and objects that could be damaged by strong magnetic fields. Magnets could affect the functioning of pacemakers and implanted heart defibrillators. Keep sufficient distance to magnets following pacemakers and implanted heart defibrillators manufacturer instructions; Warn others who wear these devices from getting too close to magnets.</p>
	<p>Use location The equipment is for commercial or industrial usage and is expected to be installed in locations where only adults are normally present. This equipment is designed for both indoor and outdoor usage with IP 65 and UV protection. The equipment is neither intended for high vibration use, high temperature range, nor mounted on a mobile unit.</p>	 <p>Warning: Risk of electric shock Switch off the mains power before installation or servicing the product. Damaged cable or damage equipment may cause electric shock. Never switch on a damaged product. Replace the product if it is damaged or cracked. Install the equipment vertically according to the installation orientation marking on the product. The cable shall be fixated in a conduit with high visibility.</p>
	<p>Modification of equipment Changes or modifications made to this equipment not expressly approved by Trackunit are not permitted and may void the FCC authorization (FCC part 15.21) and other authorizations to operate the equipment.</p>	 <p>Disposal Only dispose of the equipment and/or batteries through local collection scheme.</p>

Compliance Statements

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 and UKCA Declarations of Conformity (DOC) can be downloaded from the Trackunit website: <https://trackunit.com/guides-manuals/>

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. Contain FCC ID: ZMF-TU600B
Contain IC: 9746A-TU600B

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 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	0°C to +25°C
Operating temperature	Operating: -20°C to +60°C Charging: -20°C to +40°C
Supply Voltage	AC: 110 V / 230 V (50/60 Hz) DC: 12 V +/-10% (optional)
Battery	Output 10.8V, 78Ah, 84Wh