



Company: Small Data Garden
 Product name: IOTSU® Compact GPS for LoRaWAN®
 Product code: IOTSU® L6R L06
 Rev: 1.5_21stDec 2023



IOTSU® Compact GPS for LoRaWAN®

IOTSU® Compact GPS is a wireless device that measures GPS location data combined with acceleration. IOTSU® Compact GPS is designed for tracking assets, monitoring critical transportations, and optimizing machine and vehicle maintenance. IOTSU® Compact GPS can be used for tracking live animals as well.

In addition to location tracking IOTSU® Compact GPS can measure tilt. The device can also be remotely configured with wide array of downlink commands to help make the device fit various use cases. Example parameters that can be adjusted include tilt thresholds, which trigger the device to send an alarm message when exceeded.

IOTSU® Compact GPS can be mounted on any object such as a deliverable package, container, vehicle, collar, or harness. The device is maintenance-free and encased in an industrial quality casing resistant to dust and splatter. Installation is fast and easy.

MEASURING AND RECORDING:	
▪	GPS
▪	Tilt
TECHNICAL SPECIFICATIONS:	
Dimensions	: 96.5 x 59 x 25.5 mm
Weight	: 124 g with battery
Sensors	: GPS, Acceleration
Transmission cycle	: Configurable, alerts
Connectivity	: LoRaWAN®
Battery	: 3x size AA 1.5 V, replaceable
IP Class	: IP67
Operating Conditions	: -30 °C...+50 °C
Mounting	: Adhesive tape, Screws

Small Data Garden Oy's (SDG) products (IOTSU® Products) shall be used according to the manual and other instructions and not be used in any other way than their intended use defined by SDG. IOTSU® Products are designed for LPWAN technologies collecting non-critical information. SDG will not be held liable for any damage which may result from inaccurate readings and delayed data transmission. In case regular calibration of IOTSU® Products is needed, SDG shall not be responsible for this, and it is the Customer's responsibility to obtain calibration from a suitable service provider. For more information see SDG's General Terms and conditions for the supply of products and Legal Notices.

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Legal Notices

Small Data Garden Oy's (SDG) products (IOTSU® Products) shall be used according to the manual and other instructions and not be used in any other way than their intended use defined by SDG.

The user right of the firmware of SDG is limited to the version and specifications confirmed by SDG. Any unauthorised usage of device is prohibited and must be suspended by request of SDG. In addition, SDG is entitled to charge for unauthorised usage including administrative and solving cost. SDG shall not be responsible for damages caused by the user connecting the SDG's products (IOTSU® Products) and/or using the IOTSU® Products in any other way than their intended use nor for any damages caused by materials or product design defined by the client or by the working or manufacturing processes the client has determined.

IOTSU® Products are designed for collecting non-critical information for optimising energy consumption in long term usage and the IOTSU® Products are not intended to be used for life and security critical solutions. We rely on high-quality sensor, component and software suppliers and manufacturers and IT, LP-WAN and cloud service providers. However, for the reason that the accuracy and redundancy is depended among other things on operating circumstances, radiotechnology specifications and coverage, and because SDG relies on specifications provided by its suppliers, SDG will not be held liable for any damage which may result from inaccurate readings.

All information, including product design and specifications, in this document is subject to change without notice. SDG reserves all rights to revise or update information in this document without prior notice. SDG assumes no responsibility for any errors that may appear in this document.

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