



Company: Small Data Garden
 Product name: IOTSU® Accelerometer for LoRaWAN®
 Product code: IOTSU® L6R A03
 Rev: 1.3_13thJan 2022



IOTSU® Accelerometer for LoRaWAN®

IOTSU® Accelerometer is a wireless device that uses an accelerometer to detect movement and to measure tilt angle. IOTSU® Accelerometer is designed to monitor the movement and orientation of an object.

The device can 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 alarm thresholds, which trigger the device to send an alarm message when exceeded.

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

IOTSU® Accelerometer uses the global LoRaWAN® network connection. There is no need for external power supply.

MEASURING AND RECORDING:	
▪	Acceleration
TECHNICAL SPECIFICATIONS:	
Dimensions	: 96,5 x 59 x 25,5 mm
Weight	: 110 g with battery
Sensors	: 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	: Screws, adhesive tape



IOTSU® products shall not be used in any other way than their intended use defined by Small Data Garden. IOTSU® products are designed for LPWAN technologies collecting non-critical information. Small Data Garden will not be held liable for any damage which may result from inaccurate readings and delayed data transmission. For more information see SDG's General Terms and conditions for the supply of products and Legal Notices.

Legal notices

The user right of Small Data Garden's firmware is limited to the version and specifications confirmed by Small Data Garden. Any unauthorised usage of device is prohibited and must be suspended by request of Small Data Garden. In addition, Small Data Garden is entitled to charge for unauthorised usage including administrative and solving cost.

Small Data Garden shall not be responsible for damages caused by the user connecting the Products and/or using the 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 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 accuracy and redundancy is depended among other things on operating circumstances, radiotechnology specifications and coverage, and because Small Data Garden relies on specifications provided by its suppliers, Small Data Garden will not be held liable for any damage which may result from inaccurate readings.

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