



Company: Small Data Garden  
 Product name: IOTSU® rH Temp Plus for LoRaWAN®  
 Product code: IOTSU® L3 TH04  
 Rev: 1.4\_22<sup>nd</sup> Aug 2023



## IOTSU® rH Temp Plus for LoRaWAN®

IOTSU® rH Temp Plus is a wireless device designed for measuring temperature, humidity, ambient light, and motion. The device can be mounted using magnets, screws, or adhesive tape. Installation of this maintenance-free device is quick and easy.

Transmission and measurement cycles can be adjusted according to the need. Alarm feature can be used according to the need. IOTSU® rH Temp Plus uses the global LoRaWAN® network connection. There is no need for external power supply.

MEASURING AND RECORDING:	
	<ul style="list-style-type: none"> <li>Temperature, Humidity</li> </ul>
	<ul style="list-style-type: none"> <li>Motion, Ambient Light</li> </ul>
TECHNICAL SPECIFICATIONS:	
Dimensions	: 63 x 114 x 30 mm
Weight	: 117 g
Sensors	: Temperature, humidity, PIR, ambient light
Transmission cycle	: 2 h, configurable via downlink
Measurement cycle	: Transmission cycle /4
Connectivity	: LoRaWAN® 1.0.4
Battery	: Size C, 3.6 V, replaceable
IP Class	: IP30
Operating Conditions	: 0 °C...+50 °C, Relative humidity <85 % (Non-condensing)
Typical Accuracy	: Temperature: ±0.2 °C Humidity: ±2 %,
Certifications	: CE
Mounting	: Magnet, screws, adhesive tape

Small Data Garden Oy's (SDG) products (IOTSU® Products) shall 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.



## Legal Notices

The user right of the firmware of Small Data Garden Oy (SDG) is limited to the version and specifications confirmed by SDG. Any unauthorized usage of device is prohibited and must be suspended by request of SDG. In addition, SDG is entitled to charge for unauthorized 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 optimizing 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.

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