



Company: **Small Data Garden**
 Product: **IOTSU® S1 TH02**
 Rev: **2.1_03rdSep 2021**



Product description:

IOTSU® S1 TH02 is a wireless indoor device that measures air temperature and relative humidity. IOTSU® S1 TH02 can be used for long-time monitoring of real estates and building structures.

The device can be mounted on any surface within the monitored building. Installation of this maintenance-free device is quick and easy. Cycles of measurement and transmission can be adjusted according to the need. The product is also available as a version for outdoor usage.

IOTSU® S1 uses the global Sigfox network connection. There is no need for external power supply.



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.

Measuring and recording:	
	Temperature
	Humidity
Technical specifications:	
Dimensions	: 77 x 25 x 22mm
Weight	: 40g with battery
Sensors	: Temperature, Humidity
Transmission cycle	: 2h, adjustable
Measurement cycle	: 30min, adjustable
Transmit power	: 25mW (14dBm)
Connectivity	: Sigfox RC1
IP Class	: 5X (indoor)
Battery	: AA 3.6V, lifetime with default settings 3 years, replaceable
Operating Conditions	: -5°C...+50°C Relative humidity ≤80% (Non-condensing)
Accuracy	: Typical ± 0.25°C, ± 2%
Certifications	: CE
Mounting	: Adhesive tape