



Company: **Small Data Garden**  
 Product: **IOTSU® S1 G01**  
 Rev: **2.1\_03<sup>rd</sup>Sep 2021**



## Product description:

IOTSU® Door and Window is a wireless indoor device which triggers from both opening and closing of doors, windows or any other similar applications.

The operation of the device is based on a magnetic sensor that detects whether the magnetic counter piece is in the vicinity of the device or not. 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:	
Door and Window	
Technical specifications:	
Dimensions	: 77 x 25 x 22mm (x2)
Weight	: 40g with battery
Sensors	: Hall effect sensor
Transmission cycle	: Once per 30min
Heartbeat	: Once per 24h, transmit power 25mW (14dBm)
Connectivity	: Sigfox RC1, antenna class Sigfox Class 0u
Battery	: AA 3.6V, replaceable
Battery lifetime	: 5 to 20 years, depending on the amount of triggers
IP Class	: 5X (indoor)
Operating Conditions	: -5°C...+50°C
Certifications	: CE
Mounting	: Magnet, adhesive tape