



Company: **Small Data Garden**
 Product: **IOTSU® S1 M04**
 Rev: **2.1_23rd Sep 2021**



Product description:

IOTSU® S1 M04 is a wireless motion detector that can sense human presence indoors. The device has an integrated counting algorithm which it utilizes to provide visitor count statistics. It can also act as an alarm device. The operating mode and sensitivity level can be configured over the air.

Installation of this maintenance-free device is quick and easy. Battery life is influenced by the level of activity in the motion sensor's field of view and by the transmit interval of the Sigfox interface. The default transmit interval is adjustable. 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:	
Presence	
Motion	
Technical specifications:	
Dimensions	: 77 x 25 x 22mm without sensor or sealants
Weight	: 40g with battery
Sensors	: PIR
Transmission cycle	: Once per 1h
Heartbeat	: Once per 24h, transmit power 25mW (14dBm)
Connectivity	: Sigfox RC1, antenna class Sigfox Class 0u
Battery	: Size AA, 3.6V, replaceable
IP Class	: 5X (indoor)
Operating Conditions	: -5°C...+50°C
Sensing distance	: 5m, field of view 90° x 90°
Certifications	: CE
Mounting	: Adhesive tape