

## Motion



### PRODUCT DESCRIPTION

IOTSU® Motion is a small wireless motion detector that can sense human presence indoors. IOTSU® Motion is a perfect solution for long-time monitoring of human presence and activity. 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. The data and statistics can be viewed from the cloud.

IOTSU® is easy to integrate into IOTSU® smart platform to visualise and analyse the results. IOTSU® smart platform supports configurable SMS and email alarms. The smart platform is also straightforward to integrate into other systems and processes. Installation of this maintenance-free device is quick and easy. The product is also available as a version for outdoor usage.

In typical operating conditions with the default settings, IOTSU® can operate for several years on the same battery. 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.

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

### TECHNICAL SPECIFICATIONS

**DIMENSIONS (LxWxH):** 77 x 25 x 22mm without sensor or sealants

**WEIGHT:** 40 g with battery

**SENSOR:** PIR

**TRANSMISSION CYCLE:** Once per 30min

**HEARTBEAT:** Once per 24h

**TRANSMIT POWER:** 25mW (14dBm)

**CONNECTIVITY:** Sigfox RC1

**ANTENNA CLASS:** Sigfox Class 0u

**IP CLASS:** 5X (indoor)

**BATTERY:** AA 3.6V, replaceable

**OPERATING TEMPERATURE:** -5°C to +50°C

**SENSING DISTANCE:** 2-12m

**MOUNTING:** Magnet, adhesive tape

**CERTIFICATIONS:** CE, Sigfox



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