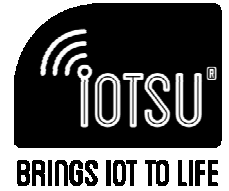


IOTSU® S1 TH02



Temperature & Humidity



PRODUCT DESCRIPTION

IOTSU® TH02 is a small wireless indoor device that measures air temperature and relative humidity. IOTSU® is a perfect solution for long-time monitoring of temperature and humidity of real estates and building structures. 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.

The device can be mounted on any surface within the monitored building. Installation of this maintenance-free device is quick and easy. The product is also available as a version for outdoor usage and extended temperature range.

With the default settings in typical operating conditions IOTSU® Temperature and Humidity works for years with the same battery. Cycles of measurement and transmission can be adjusted according to the need, which influences the battery life.

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

TECHNICAL SPECIFICATIONS

DIMENSIONS (LxWxH): 77 x 25 x 22mm

WEIGHT: 40 g with battery

SENSOR: Temperature, humidity

TRANSMISSION CYCLE: 2h, adjustable

MEASUREMENT CYCLE: 30min, adjustable

TRANSMIT POWER: 25mW (14dBm)

CONNECTIVITY: Sigfox RC1

ANTENNA CLASS: Sigfox Class 0u

IP CLASS: 5X (indoor)

BATTERY: AA 3.6V, lifetime with default settings 3 years, replaceable

OPERATING CONDITIONS: -5°C to +50°C, Relative humidity ≤80% (Non-condensing)

ACCURACY: Typical ± 0.25°C, ± 2%

MOUNTING: Adhesive tape

CERTIFICATIONS: CE, Sigfox

Rev 1.0_17thOct 2019

