

IOTSU® S1 TH01



Temperature and Humidity



PRODUCT DESCRIPTION

IOTSU® Temperature and Humidity is a small size 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® uses a global Sigfox network connection. No external power supply or internet connection is required. Installation is very easy. The use is maintenance-free.

IOTSU® is easy to integrate into other systems and processes. The cost of using is low. The product is also available as a version for outdoor usage and extended temperature range. IOTSU® supports configurable SMS and email alarms.

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.

TECHNICAL SPECIFICATIONS

DIMENSIONS (LxWxH): 77 x 25 x 22mm

WEIGHT: 40 g with battery

MEASUREMENT CYCLE: 30 min, adjustable

TRANSMISSION CYCLE: 2 h, adjustable

TRANSMIT POWER: 25 mW (14 dBm)

CONNECTIVITY: Sigfox RC1

ANTENNA CLASS: Sigfox Class 0u

IP CLASS: 5X (indoor)

BATTERY: Size AA 3.6V, lifetime with default settings 2.5 years, replaceable

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

ACCURACY: Typical ± 0.2 °C, ± 2 %

MOUNTING: Magnet, adhesive tape

CERTIFICATIONS: CE, Sigfox

