

Temperature & Humidity



PRODUCT DESCRIPTION

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

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

IOTSU® uses the 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

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