

IOTSU® S1R T01



External Temperature



PRODUCT DESCRIPTION

IOTSU® External Temperature is a small size, maintenance-free device that measures the temperature by an external sensor. IOTSU® is designed for measuring the temperature in different containers, vats or any other place where the sensor device cannot be placed straight into the measurement space.

The device can be configured to alert if temperature deviates from a configurable use-case threshold value. Transmission and measurement cycles can be adjusted according to the need, influencing the length of battery life.

IOTSU® supports configurable SMS and email alarms. It is easy to integrate into IOTSU® smart platform to visualise and analyse the results. IOTSU® is easy to integrate also into other systems and processes.

The measured, recorded data can be viewed effortlessly in the cloud. The device is encased in an industrial quality enclosure resistant to dust and splatter.

IOTSU® uses a global Sigfox network connection. There is no need for typically used external power supply or internet connection. Installation is very quick and easy.

TECHNICAL SPECIFICATIONS

DIMENSIONS (LxWxH):

35 x 35 x 90 mm
Cable length: 1-5 m

SENSORS:

Temperature (external and ambient)

TRANSMISSION CYCLE:

Configurable, alerts

CONNECTIVITY: Sigfox RC1

IP CLASS: IP 67

BATTERY: 3.6V, replaceable

OPERATING TEMPERATURE:

-30°C to +50°C for the device
-40°C to +110°C for the external sensor, watertight

MOUNTING:

Screws, adhesive tape

Supports configurable SMS and email alarms.



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