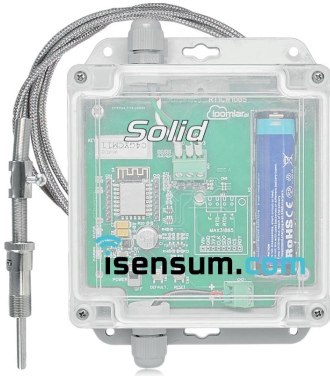


## RT1 PT100

### HIGH TEMPERATURE LOGGER



#### KEY FEATURES

- High temperature measurement up to 400C
- Robust, airtight housing
- Wi-Fi communication

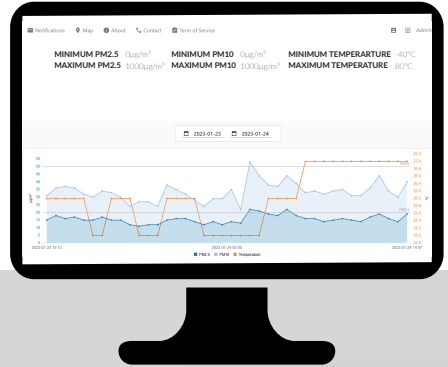
RT1 PT100 is a wireless digital temperature meter/recorder for PT100 external sensors, which communicates with the Internet via Wi-Fi. The device allows viewing of measured parameters and access to data in real time using a mobile application and the iSensum.com platform. Encrypted measurement data is sent to an individual customer account which can be accessed from anywhere in the world. Thanks to its innovative design, the device is able to operate on battery power for up to a year, which allows for very fast installation and maintenance-free operation.

#### SPECIFICATION

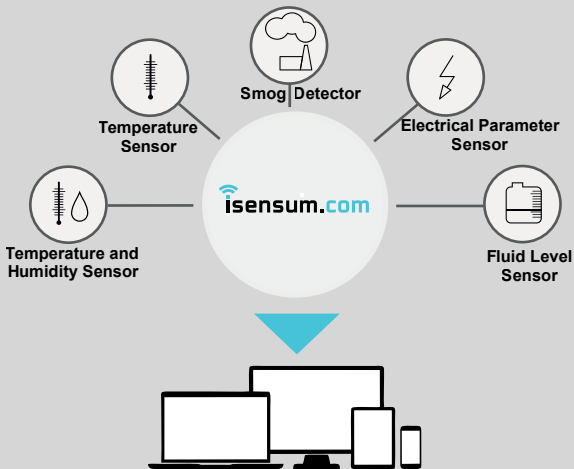
POWER SUPPLY	5V mains adapter (supplied)
BATTERY	Panasonic NCR18650B
TEMPERATURE MEASURING RANGE	0° C ~ +400° C
ACCURACY	0.5°C
SAMPLING	30s; 1min; 15min; 30min; 1h; 12h; 24h
MEMORY CAPACITY	up to 50,000 measurements
COMMUNICATION	Wi-Fi
RANGE	Up to 150 m (outdoors)
OFFLINE USE	up to 365 days (*battery life depends on operating conditions)
DIMENSIONS	58 x 83 x 35 mm
WEIGHT	180g
EXTERNAL SENSOR	PT100

## DESCRIPTION OF THE SYSTEM

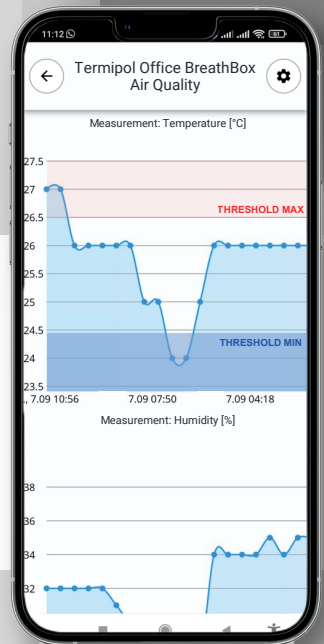
Isensum.com is a service that connects the user to a sensor anywhere in the world. With the help of the service, it is possible to collect data from measuring devices connected directly to the internet. Access to data and product configuration is possible via a web browser or phone and a dedicated mobile application. Additionally, using ipomiar.pl, it is possible to generate reports which, in a simple and accessible manner, illustrate the collected data in a user-defined time interval.



## SYSTEM FUNCTION



## MOBILE APP



## KEY FEATURES

- Secured cloud system with encrypted data
- Direct connection to WiFi/GSM network
- Free mobile application
- API link
- Automatic reports and notifications
- Fully adjustable user panel -view



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