

RTH1 Mini

TEMPERATURE AND HUMIDITY WiFi RECORDER



KEY FEATURES

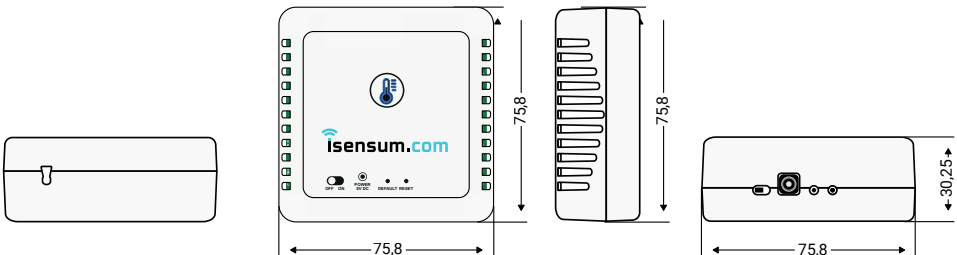
- Supported Off-line working mode
- Build in rechargeable backup battery
- Build in hardware-memory
- Ultra low power consumption
- Configuration via. internet browser or mobile App..

RTH1 mini is a wireless digital temperature and humidity meter/recorder with an internal sensor communicates with the Internet via Wi-Fi. The device allows you to view measured parameters and access data using a mobile application and the iSensum.com platform. Inbuild backup battry and internal memory allows to work and register the data even when there is Internet outage or Power supply shortage. Encrypted measurement data is sent to an individual customer account that can be accessed from any place.

SPECIFICATION

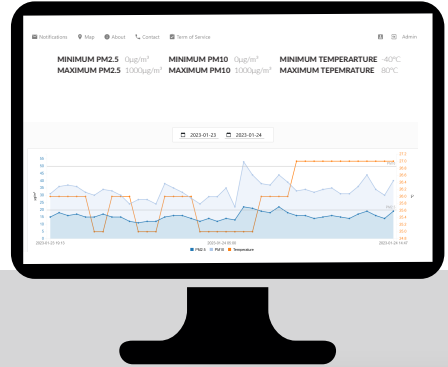
POWER SUPPLY	5V DC adapter + 300 mAh backup battery
MEASURING RANGE	-55°C - 125°C (-67°F to 257°F) / 20-80% RH
ACCURACY	± 0.5 (-10°C to +85°C) (14°F to 185°F), ± 2 (-55°C to +125°C) (-67°F to 257°F) / 3% RH
POWER CONSUMPTION	normal 55 uA , max. 75 mA
INTERNAL MEMORY CAPACITY	up to 200 measurements
COMMUNICATION RANGE	Wi-Fi , 802.11b/g/n : Tx Power +16/+14/+13 + 2 [dBm] Up to 150 m (in open space)
OFFLINE WORKING TIME	Up to 45 days (sampling every 15 min. operating temperature 20°C)
DIMENSIONS	30 x 76 x 76 mm
WEIGHT	180g
SENSOR	Internal

DIMENSIONS

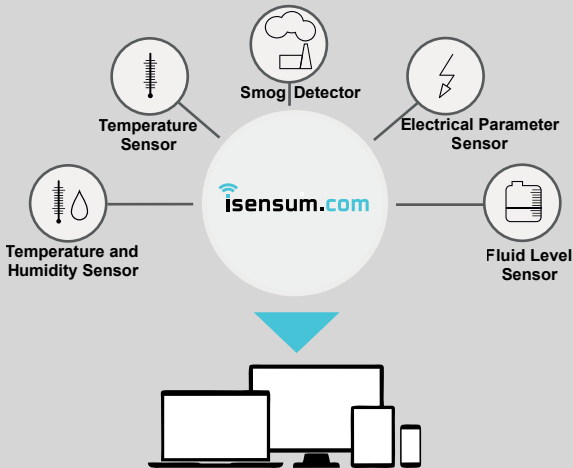


DESCRIPTION OF THE SYSTEM

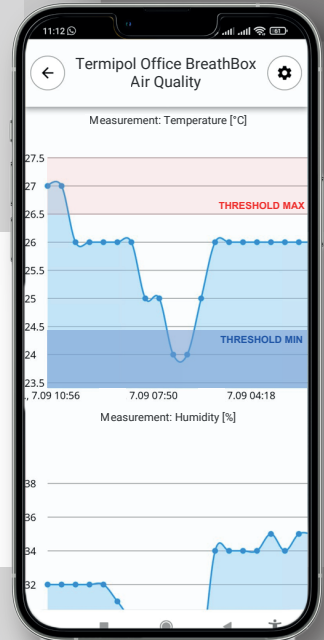
Isensum.com is a service that connects the user to a sensor anywhere in the world. With the help of the service, it is possible to collect data from measuring devices connected directly to the internet. Access to data and product configuration is possible via a web browser or phone and a dedicated mobile 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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