

Technical features



Indoor thermometer Wireless IoT

- ✓ TERMO monitors temperature and humidity of any indoor environment
- ✓ Receive automatic notifications when predefined thresholds are exceeded

TERMO to control temperature and humidity without the need for WiFi or SIM card, with alarm.

Main features of the device:

- Dual input for temperature and humidity measurement
- Alarms on Temperature/Humidity thresholds
- App Ealloora for device registration, configuration and alarm management
- Real time and/or asynchronous data collection and transmission
- Certified for operation on SIGFOX network and protected from electromagnetic interference
- Sensitivity: T +/- 0.2°C; U +/- 2%.

Communication

- Sigfox network protocol
- Status message: 1 daily with battery and sensor status
- AES128 encryption
- Firmware and sensor interface fully customisable

Power supply

- Nominal voltage: 3.6 V
- Powered by high-capacity Li-SOCL2 batteries
- Duration: up to 6 years

Antenna

- Radio Module: 868MHz
- Power: 25mW (+14dBm)
- RF sensitivity: down to -127 dBm
- Range: up to 15 Km

Environmental Conditions

- Operating temperature -20°C/+55°C
- Degree of protection: IP 40

Mechanics

- Weight: 106 g
- Dimensions: 80x80x25 mm