

Technical features



C02 Indoor Thermometer Wireless IoT

- ✓ **Ecco TEMP CO2** monitors temperature, humidity and CO2 of any indoor environment
- ✓ It monitors CO2 levels for better air quality in the rooms

ECCO TEMP CO2 is the IoT solution to control temperature, humidity and CO2 of any indoor environment without the need for WIFI or SIM card.

Main features of the device:

- Real time and / or asynchronous data collection and transmission
- Compact and easy to install (no more than 5')
- Measurement of temperature, humidity, CO2
- Humidity range: 0-95%
- CO2 range: 0 - 5000 ppM
- Sensitivity: T +/- 0.2 ° C; U +/- 2%; CO2 +/- 100 ppm
- Battery status monitoring
- Low energy consumption
- Fully customizable firmware

Performance

- RF sensitivity: down to -127 dbm
- Range: up to 15 Km
- Very low radio power

Firmware

- Sigfox network protocol
- Transmission: up to 144 messages per day
- Encryption: AES128

Consumption and Requirements

- Operating voltage: 3.6V
- Powered by high capacity Li-SOCL2 batteries
- Duration: up to 4 years (with frequency of sending moving average every 60 minutes)

General informations

- Operating temperature: -20°C / 55°
- Fixing in 5 minutes
- Dimension: 80x80x25 mm
- Protection degree: IP40
- Standards: EN 300-220, EN 301-489, EN 60950