

WHO WE ARE

MUTELCOR is an ambitious Telecom and IT company from Duisburg, Germany whose focus is on the development of IoT devices and solutions based on LoRa.

CO₂ MONITORING TO LOWER CORONAVIRUS THREAT

Our approach of measuring the CO₂ content in an indoor environment comes from the world of "Internet of Things" (IoT).

The spread of Covid-19 through exhalation of CO₂ containing tiny liquid droplets (aerosols) which can float in air for a long time. These droplets will contain any virus particles present in the lungs. Research shows infection can be mitigated by monitoring CO₂ on site.

With use of MUTELCOR Smart CO₂ LoRa Sensor, we offer a fast, simple and cost-effective solution for all institutions & buildings that want to prevent the further spread of Covid-19 with intelligent and smart measures. Our CO₂ Sensors are extremely accurate providing measurement every 2 seconds and offer smart, real-time LoRa-based communication with simple plug-and-play handling.

Learn more

For complete product information
scan QR code or visit
www.mutelcor.com



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MUTELCOR

Smart CO₂ LoRa Sensor

SMART CO₂ SENSOR

- Measure & Monitor CO₂ level in Indoor environment
- Monitor Temperature & Humidity (Air Quality)
- Alert on Device (Buzzer and LED) at default CO₂ thresholds limit
- Communicate Emergency by flashing LED lights & buzzer on CO₂ device
- Trend Indication and Data Analysis
- Notify Responders

KEY FEATURES

- Real-time sensor measurement
- Automatic LED Alerts on threshold limits
- Configurable measurement Interval
- Regular Heartbeat at a configurable interval
- Secure Data Transmission

CO₂ SIGNAL – default threshold limits

- **At 800 ppm**, LED glows **YELLOW** constantly
- **At 1000 ppm**, LED glows **RED** constantly
- **At 1500 ppm**, LED flashes **RED** and **buzzer** sounds for 5 seconds. This is repeated every 10 minutes as long as the value remains exceeded



APPLICATION

- School Classrooms
- Offices and Conference Rooms
- Hospitals
- Villas/Apartments
- Shopping Malls
- Courtrooms, Banks and Hotels
- Cinemas

SERVICE

On the homepage www.mutelcor.com you will find detailed information which will give you a precise insight into the easy handling and the various possibilities of use of the MUTELCOR Smart CO₂ LoRa Sensor.

On request, we would be pleased to present the MUTELCOR Smart CO₂ LoRa Sensor and its easy handling to you in a video conference.

