

Smart CO₂ LoRa Sensor

CO₂ FUNCTIONALITY

- Device performs a measurement check every 2 seconds against the threshold
- Once CO₂ value exceed threshold level, LED starts flashing and/or Buzzer starts alarming
- When CO₂ levels fall down specific threshold level, the alarm automatically switches off

MUTELCOR 



CO₂ SIGNAL



- At **800 ppm**, the LED glows **YELLOW** constantly
- At **1000 ppm**, the LED glows **RED** constantly
- At **1500 ppm**, the LED flashes **RED** and buzzer sounds for 5 seconds (3 beeps)
- If CO₂ values remain above 1450 ppm, the 2 buzzer sounds for 5 seconds every 10 minutes
- When CO₂ values falls back to:
 - > Below 1450 ppm, the **RED** LED stops flashing, but remains on
 - > Below 950 ppm, the **RED** LED goes off and **YELLOW** LED goes on
 - > Below 750 ppm LED goes off

VARIANT TRAFFIC-LIGHT FEATURE OPTIONS

- **Standard Model** (MTC-CO2-01, MTC-CO2-03) comes with Red Lens and LED color to glow **YELLOW / RED**
- **3-Color Model** (MTC-CO2-02, MTC-CO2-04) comes with White Lens and LED color to glow **GREEN* / YELLOW / RED**
- Available as **IP30** (MTC-CO2-01, MTC-CO2-02) and **IP54** (MTC-CO2-03, MTC-CO2-04) version



* below 800 ppm, the LED lights up **GREEN**.
In the default model, the LED would be off

