

# iGas Detector CO2

## Carbon Dioxide Gas Detector



### DESCRIPTION

iGas Detector is the most reliable carbon dioxide gas detector designed to monitor the presence of CO2 and alert users to danger with LED, audible, and vibrating alarms in confined spaces. CO2 gas accumulated in poorly ventilated areas and confined spaces is colorless and odorless classified as a toxic gas that cause asphyxia and narcotic effects. Utilizing the high-performance infrared sensor, the iGas Detector CO2 is the best solution to keep workers safe and your operations compliant.

### KEY FEATURE

- IR sensor technology
- Measured by %Vol and ppm
- Rechargeable Li-ion battery
- Automatic logging of 30EA events
- 14 days of use by one fully charged
- Lightweight : 135g
- Exchangeable international wall plug kit
- Easy configuration and data management via PC program
- Configurable calibration, bump test, self-test due warning

### SPECIFICATION

Model	iGas Detector CO2
Sensor Type	IR
Measuring Type	Diffusion Type
Case Material	Rubber Enclosure
Dimension	54(W) x 99.5(H) x 38.8(D)mm
Weight	135g
Operating Temperature	-20°C~+50°C
Operating Humidity	5%~95% RH (Non-condensing)
Operating Life	14 days
Event Log	Recent 30 alarms
IP	IP 67
Alarm	Red Flashing LEDs (Light-Emitting Diode), 90dB audible alarm at a distance of 10cm, Vibration alarm
Display	Liquid Crystal Display (LCD)
Battery	Rechargeable Li-ion (polymer) power supply unit (500mAh)
Charging Time	100 minutes
Components	Calibration Cap, Charge Cable (USB C-Type) and Adaptor
Certification	EMC, RoHS2, REACH, WEEE

### ACCESSORIES



USB Cable (Standard package)  
Connects to the computer in order to program configuration and download data log



Sampling Pump (SP-Pump101)



Extension Probe  
5m / 10m

### SENSOR SPECIFICATION

Gas	Measuring Range	Low Alarm	High Alarm
CO2	0~5.0%Vol (50,000ppm)	0.5%Vol (5,000ppm)	1.0%Vol (10,000ppm)