iGas Detector CO2
Carbon Dioxide Gas Detector

CE

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 which may 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 charge
- 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	
Measuring Range	0.01%Vol / 100ppm	
Case Material	Rubber Enclosure	
Dimension	30 (W) x 50 (H) x 35 (D)mm	
Weight	135g	
Operating Temperature	-20℃~+50℃	
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 (ploymer) power supply unit (500mAh)	
Charging Time	100 minutes	
Components	Calibration Cap, Charge Cable (USB C-Type) and Adaptor	
Certification	EMC	Directive (2014/30/EU), ROHS 2

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)