

OZONE GAS MONITOR

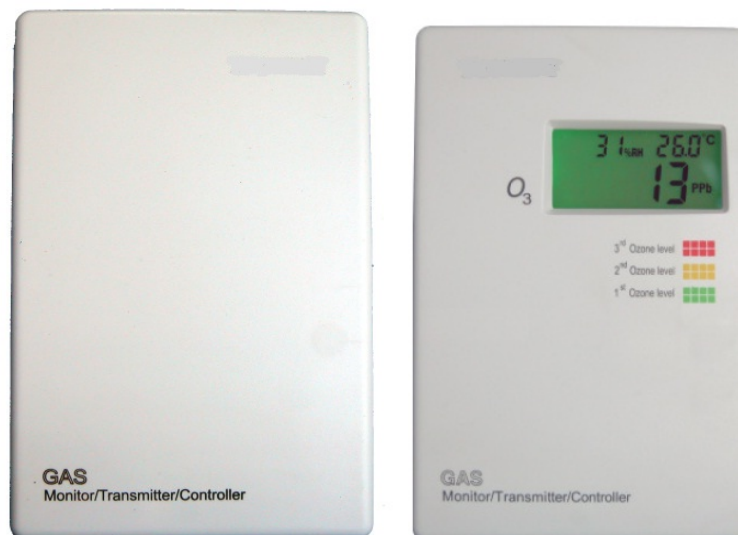
- Real time detection and monitoring ambience ozone level
- Electrochemical ozone sensor inside
- Preset two stage alarm points for ozone measurement
- Buzzer alarm and 3-color backlight LCD indication
- Provide 2x relay dry contact outputs and 1x analog output
- RS485 communication Interface
- High performance, low price, small volume and powerful functions

Features

- Design for real time detecting and monitoring ambience ozone level
- Electrochemical ozone sensor with high sensitivity
- Maximum ozone measuring range: 0~5ppm (0~9.81mg/m3)
- Buzzer alarm and 3-color backlight LCD indication.
- Modbus RS485 communication interface

Application

- Specially used for detecting indoor ambience quality
- Real time measuring ozone level and analyzing: alarm when ozone level is over proof, control ozone concentrations by controlling related devices in order to reach a certain level in some special places
- Portable type for real time measuring and analyzing



Specifications

Gas Detected Ozone	Sensing Element Electrochemical gas sensor
Sensor lifetime	>2 years, removable
Power Supply	24VAC/VDC (power adaptor selectable)
Power Consumption	2.8W
Response Time	<50s @T90
Signal Update	1s
Warm up Time	<60 seconds
Ozone Measuring Range	0~5000ppb (0-5ppm)(0~9.81mg/m3)
Display Resolution	1ppb (0.001ppm) (0.01mg/ m3)
Accuracy	+0.01ppm + 10% reading
Repeatability	<0.5%
Alarm	Buzzer and Yellow or Red backlight switch
Display	Green-normally, yellow – first stage alarm, red- second stage alarm
Temperature/humidity Measuring Range	-20°C~60°C(-4°F~140°F)/0~99%RH
Analog Output	0.2~10VDC or 4~20mA linearized output selectable
Relay dry contact Output	Two dry-contact outputs Max, switching current 3A (220VAC/30VDC), resistance Load
Communication Interface	RS-485, 9600,14400,19200(default), 28800,38400 bps selectable
Working Condition	-20°C~60°C(-4°F~140°F)/ 0~ 99% RH
Storage Conditions	-40°C~70°C(-40°F~158°F)/ 0~ 99% RH