

AOM 3000 Ozone Sensor and Controller

Real-time detecting environment ozone gas temperature & humidity detection



This device offers real-time detection of ozone gas, temperature, and humidity, featuring a wall-mounted design with an LCD display. It includes a dry contact relay output for controlling an ozone generator or fan, an analog output with linear full-range functionality, and an RS485 interface for connection to a PC or other DDC systems. Combining strong functionality and high performance at a low price, it provides an efficient and cost-effective solution for monitoring and control.

SPECIFICATIONS

Model:	AOM 3000 Ozone Sensor and Controller
Sensing Element:	Electrochemical gas sensor
Ozone Measuring Range:	0-5 ppm (0-5000ppb)
Accuracy Warranty:	1 year
Temperature Sensor:	HS series capacitive sensor
Temperature Range:	5°~60°C
Humidity Range:	0~80% RH
Display Resolution :	1ppb (0.001ppm) 0.01 mg/m3
Accuracy:	+ - 0.01 ppm + 10% reading
Power Supply:	24 VAC/VDC
Warm up Time:	<60 sec
Calibration:	Not available
Sensor Replacement:	Not available

FEATURES

- Design for real time detecting and monitoring ambience ozone level and temperature
- Electrochemical ozone sensor with high sensitivity
- Particular LCD display with three color backlights (Green/Yellow/Red)
- Maximum ozone measuring range: 0~5000ppb (0~9.81mg/m3)
- 2x On/Off dry contact outputs for two stages alarm device, or control a ozone generator or a ventilator
- Buzzer alarm and 3-color backlight LCD indication
- Provide 1X analog output (0,2~10VDC/4~20mA) (can be used as transmitter)
- Modbus RS485 communication interface, 15 KV antistatic protection, individual IP address
- Remote controller or via the RS485 interface.

DIMENSIONS

