

# 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.

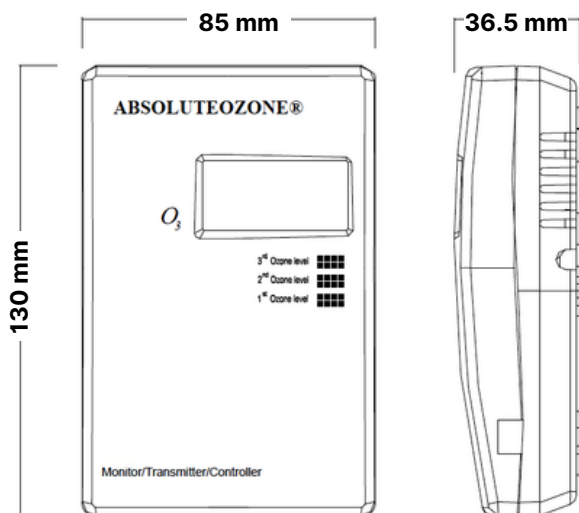
## SPECIFICATIONS

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 ambient 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/m<sup>3</sup>)
- 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



The AOM 3000 Ambient Ozone Sensor is designed exclusively as an emergency safety device to detect and alert users to potential ozone leaks in ambient air. This device is not intended for precise ozone measurement or for use as a primary monitoring tool for process control, regulatory compliance, or ozone concentration assessments.