

# Smart Ozone Controller DATASHEET

Model: MO3-9011

Indoor Ozone Controller



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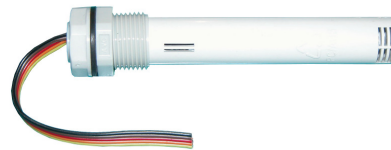
- Real time detect indoor ozone level
- Provide 1x on/off output to control a device
- Provide RS485 communication interface to preset the setpoint or zero calibration
- Semiconductor sensor with more than five years lifetime
- The smart structure with lower price

MO3-9011 is used to detector environment ozone level and control a fan or an ozone generator/disinfector with on/off output according to the preset ozone level

MO3-9011 provides a RS-485 communication interface, it can be used to preset the set point and the control mode, as well as ozone zero calibration as necessary.

## □ Features

- ◆ Convenient mounting way as will , real time detect ozone with measuring range 10~1000ppb.
- ◆ Semiconductor ozone gas sensor inside with more than 5 years lifetime.
- ◆ The one resource on/off output to control a fan or an ozone generator/disinfector.
- ◆ RS-485 communication interface can be used to preset the ozone set point and control mode, also used to zero calibrate as necessary
- ◆ Smart structure design to make its mounting conveniently and easily for more applications.



## □ Specifications

Gas detected	Ozone
Sensing element	Semiconductor ozone gas sensor
Power Supply	12VDC or 24VAC
Consumption	0.25W
Warm up time	96 hours (first time) 1 hour(operational)
Signal Update	2s
O3 Measuring Range	10~1000ppb
Output	One on/off resource output with 1A. Default setpoint: 80ppb
Communication rate	RS485 with 19200bps rate
Control mode	Increase ozone level or decrease ozone level selectable by RS485 interface The set point which control the output can be preset by the RS485 interface
Operation temperature	0~50°C (32~122°F)
Operation humidity	0~95%RH, non condensing
Storage conditions	-40~70°C (-40~158°F)
Weight	80g

