

# Digital Optical Dissolved Oxygen Sensor IS-D0108

## 01 Applications

Digital Optical dissolved oxygen sensor is widely used in waste water treatment, purified water, circulating water, boiler water and other systems as well as continuous monitoring of dissolved oxygen values in solutions such as electronics, aquaculture, food, printing and dyeing, electroplating, pharmaceutical, fermentation, chemical and other farming and tap water.

## 02 Main features

- 24 hours online monitoring
- High accuracy, high stability
- Strong anti-interference ability
- Automatic temperature compensation function
- Work independently without controller or transmitter
- Support RS485 signal output
- Directly connect to computer, PLC or IoT system
- Can set parameters by RS485 communication



## 03 Technical indicators

Measuring range:	0-20.0 mg/L(0-200%Saturation)
Accuracy:	±2%FS, ±0.5°C
Resolution:	0.01mg/L,0.1°C
Measuring method:	Optical fluorescence method
Temp. compensation:	Automatic(PT1000)
Working temp:	0~45°C
Output:	RS485
withstand Pressure:	≤0.2MPa
Power supply:	DC12V/DC24
Materials:	POM&SS316L
Protection grade:	IP68

## 04 Optional accessories



Bracket