



Air Sensor

AS-N02

Nitrogen dioxide sensor designed to measure low ambient levels of NO₂ in air. NO₂ gas sensor adopts the imported first-line brand electrochemical nitric oxide sensor, which has the characteristics of rapid response and strong anti-interference ability.

Nitrogen Dioxide Sensor



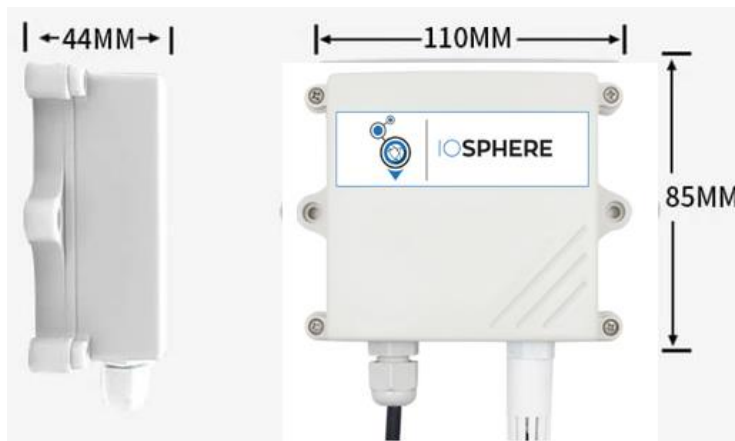
Product Features

1. No₂ sensors imported a one-line large brand electrochemical sensor, which is stable and durable.
2. No₂ sensor range is 0-20ppm, 0-2000ppm optional, other ranges can also be customized.
3. High measurement accuracy, up to $\pm 3\%$ FS, repeatability up to $\pm 2\%$.
4. Output is RS485, 4-20ma, 0-5V or 0-10V for your choice.
5. On-site power supply adopts a 10~30V DC wide voltage power supply, which can adapt to various DC power supplies in the field.
6. No₂ sensors adopt a wall-mounted waterproof case, which is easy to install and has a high protection level and can be applied to a harsh environment.



Nitrogen Dioxide Sensor Parameters

Power Supply	10-30VDC	Measure Range	0-20ppm(Customized)
Power Consumption	0,18W	Resolution	0,01ppm
Temperature Range	-40~ 80°C	Humidity Range	0-100%RH
Temp Accuracy	±0,5°C	Humidity Accuracy	±3%RH
Working temperature	-20~50°C	Working humidity	15%RH-90%RH
Data update time	2s	Stability	<10%
Output signal	RS485/4-20MA/0-5V/0-10V	Detection accuracy	< 20ppb
Response time	90% step change is generally less than 50s		



Ordering Information

	AS	-			-		-	
NO2 Sensor			NO2					
0 ~ 20ppm, res: 0.1ppm				20				
0 ~ 200ppm, res: 1ppm				2000				
With Modbus RS485						M		
With 0-10V						V		
With 4-20mA						mA		
Without OLED Screen								0