



NO2 (Nitrogen Dioxide) Gas Sensor

The wireless-based NO2 gas detector detects Nitrogen Dioxide gas's presence and sends the data wirelessly (via BLE Mesh) to the IoT Gateway. The IoT Gateway sends the data to the cloud platform.

Application:

- **Hazardous Gas Monitoring**
- **Air Quality Monitoring**
- **Industrial Safety Sensing**
- **Air Purification Control**
- **Manufacturing**
- **Construction**
- **Oil & Gas**
- **Mining**
- **Warehousing & Supply-chain Management**

Description	NO2 Gas Detector Sensor (BLE)
Model No.	NO2-Gas Sensor
BLE Mesh Network	Connects to our BLE Mesh Network, eliminating the need for IT Infrastructure.
Measurement Range	0 to 5 ppm
Resolution	20 ppb
Accuracy	15% of reading
Expected Operating Life	> 5 years (10 years @ 25± 10C; 60 ± 30% RH)
Operating Temperature Range	-20 to 40 °C (-30 to 55 °C intermittent) 15 to 95% (0 to 100% non-condensing intermittent)
Operating Humidity Range	-20 to 40 °C (-30 to 55 °C intermittent) 15 to 95% (0 to 100% non-condensing intermittent)
Power Source	110-240 VAC (50-60 Hz)
Size (LxWxH)	100x70x50 mm 3.94x2.76x1.97 in
Accuracy	< ± 2 % of reading
Attachment Method	Screw, Magnet, Adhesive, Cable Tie
Transmission Power Output	100m (+4dbm)
Color	White
Material	ABS