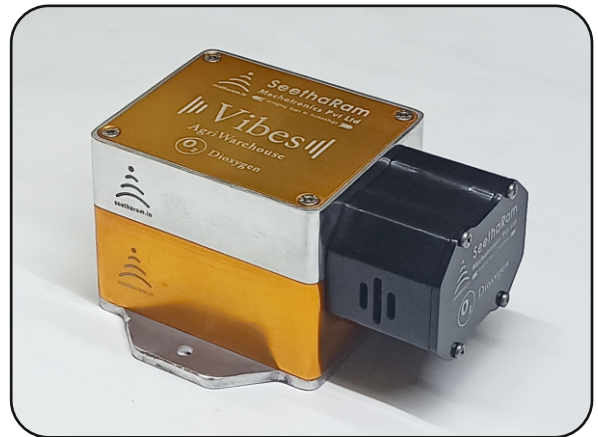


## FEATURES




The Dioxygen & Fumigation Sensor employs electrochemical technology. Fumigation in warehouse, release toxic Phosphine gas during which human entry should be prohibited. Levels of toxicity is sensed by fumigation sensor. Post fumigation normal air quality can be determined from dioxygen sensor readings.

## TECHNICAL SPECIFICATION

Vibes - Di-oxygen	
Power Supply	USB Powered (Type - C) / 24V DC
Processor	32-bit 144 MHZ ARM Cortex M4F processor
Connectivity	Wired - RS485, Wi-Fi - HTTP / MQTT / any other
Antenna	Internal antenna with 2.5 DBI max gain
Operating temperature	-40°C ~ +85°C
Ingress Protection	IP 54
Sensors Specification	
Response Time	< 10 Seconds (typically <5Sec)
Detection Range	0 - 25% O2 (maximum overload 30%)
Sensitivity	0.10 ±0.05



## Firmware & Wireless Communication Features:

- Transmit the value either wired and wirelessly through RS485 and HTTP/MQTT endpoint.
- Firmware can be updated for HTTP/MQTT Endpoints on Azure /AWS or as required by OEM.  
- Firmware can be also modified remotely via FOTA. 
- Configurable through App to wireless network of your choice assigning network credentials requiring both username and password.
- Configure Endpoint Server Credentials through App
- Instantaneous values and Device performance can be monitored by App by force logging to the device.

## Vibes Configurator App

**Data View**

**If Used on Wi-Fi**

**If Used on RS-485**

## DIMENSION DETAILS

