

SENSIT[®] SPOD CID2

VOC EMISSIONS AND AIR POLLUTANT MONITORING SYSTEM

**DETECT, LOCATE and
CONTINUOUSLY MONITOR**



COMPATIBLE WITH

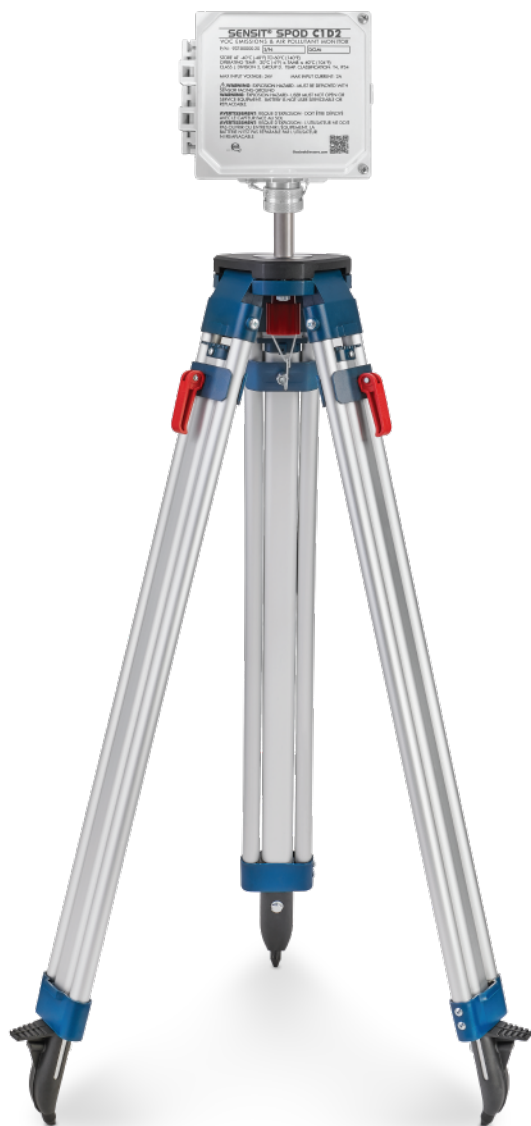


SENSIT
Technologies

SENSIT[®] SPOD CID2

VOC EMISSIONS AND AIR POLLUTANT MONITORING SYSTEM

A REMOTE AIR QUALITY MONITORING PLATFORM & POLLUTION DATA MANAGEMENT SYSTEM



The **SENSIT[®] SPOD CID2** is an advanced, low-cost sensor system that can be powered by solar panels. It can detect volatile organic compound (VOC) emission or natural gas (Methane) plumes by combining wind and air pollutant concentration measurements, thereby making it easier to locate the source of emissions.

This sensor has an incredibly small footprint and is specifically designed for applications within the fenceline where localized emissions may be present. It offers real-time continuous monitoring, which means it can provide accurate and up-to-date information about the air quality in the area. The direct-reading capabilities of the **SENSIT[®] SPOD CID2** make it a great solution for those who need to monitor air quality without incurring high costs.

The **SENSIT[®] SPOD CID2** is a Next Generation Emissions Monitoring (NGEM) sensor that offers numerous benefits over traditional methods. It is user-friendly, easy to install, and requires minimal maintenance. Moreover, it costs significantly less than traditional methods, making it a cost-effective solution for those who want to monitor air quality in real-time.

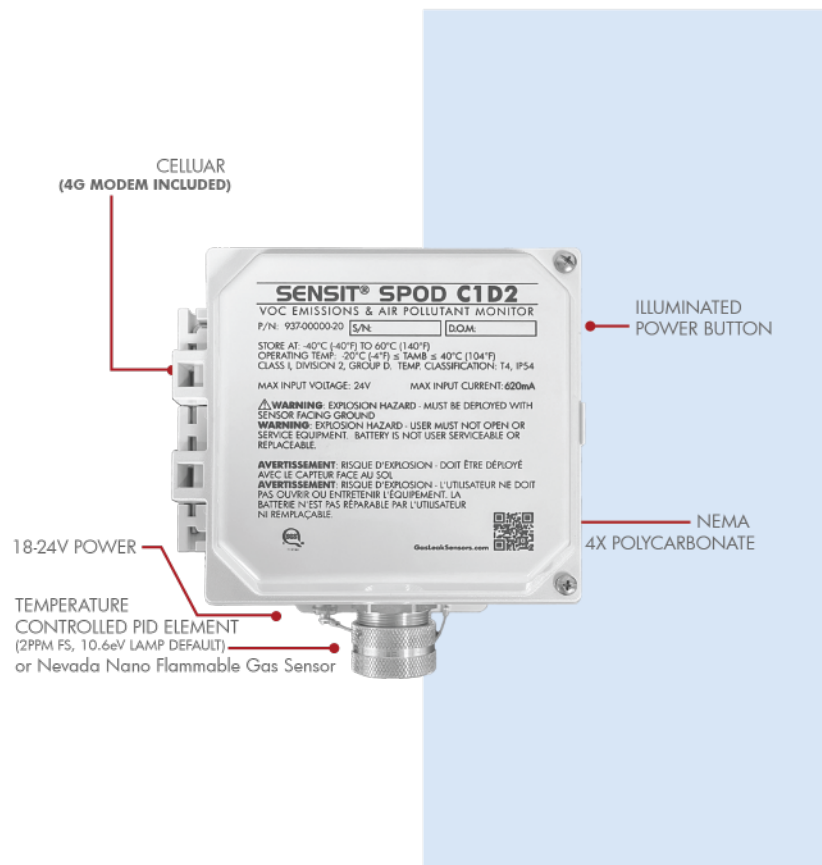


STANDARD FEATURES

Real-time Continuous Monitoring (Local or Remote)
Expansion Battery Pack w/up to 1 Month of Operation
Durable, Weather Resistant Housing
SD Card Data Backup
Integrated Battery (Solar Ready)

APPLICATIONS

Oil and Gas Production	Fugitive and Process Emissions
Municipal Government Services	Hazardous Pollutants/Nuisance Odors
Industrial Health, Safety, & Compliance	Industrial Site Fenceline Emissions Monitoring
Environmental	Ground-level Ozone Precursors
Emergency Response	Spills, Leaks, Explosions



STANDARD KIT

Charging Cable

OPTIONAL HARDWARE:

Solar Panel

Tripod

Outdoor Power Supply

Expansion Battery Pack



PRODUCT SPECIFICATIONS

Size: Fully assembled D x W x H (8" x 8" x 16")

Weight: Base unit: 8.5 lbs

Operational Temp: -20°C to 40°C

Mounting: Attached Mounting Flanges

Voltage Requirements: 18V – 24V DC Charging (solar panel) or other DC Power Source

Current Requirements: 620mA Max Current Draw when Charging

Operating Runtime: 3-5 Days Battery Backup

Certification: CLASS I, DIVISION 2, GROUP D. TEMP. CLASSIFICATION: T4, IP54

Data Outputs: Wireless (4G Cellular Included) |

Runtime w/ Expansion Battery Pack: up to 28 Days



SENSOR SPECIFICATIONS

SENSORS	DETECTION METHOD	LAMP ENERGY (eV)	RANGE (STANDARD)	ACCURACY (STANDARD)	RESPONSE TIME (STANDARD)
ION - HS	PID	10.6	10 - 3000 ppb*	±20 ppb min or 20%	30-60 sec
ION - XF	PID	10.6	0.1 - 30 ppm*	±0.2 ppm min or 20%	30-60 sec
Nevada Nano MPS	MEMS	-	0 - 50000 ppm**	±5 ppb or 5%	20 sec

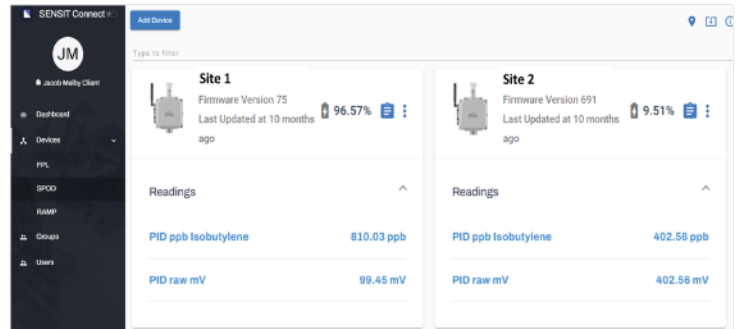
* Range defined as PPB Isobutylene **Range defined as PPM Methane



SENSITConnect is an advanced web-based application portal that provides users with a comprehensive suite of features to efficiently manage and monitor SENSIT Environmental Monitors. With **SENSITConnect**, users can remotely access an array of features including, but not limited to, real-time and archived data, advanced data visualization tools, sensor health and settings monitoring, device location and tracking information, and customizable notification options and parameters.

SENSITConnect is designed to provide users with a complete view of their environmental monitoring system, allowing them to take necessary actions to address any issues quickly. The portal can assist in identifying the location of leaks and providing accurate quantification estimates, which can save users time and money in resolving critical issues.

Overall, **SENSITConnect** offers a reliable, secure, and user-friendly platform that enables users to efficiently manage and monitor their environmental monitoring systems, ensuring the safety and well-being of their employees, customers, and the environment.



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WITH GLOBALLY SOURCED COMPONENTS

SENSIT Technologies
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