



# VAPOR SENTINEL™

## Remote Monitoring System

The Vapor Sentinel Remote Monitoring System tracks the ongoing operation of soil gas mitigation systems and provides real-time notifications when a condition is triggered, such as vacuum or power loss. The system continuously collects and transmits data using wireless technology to a secure, cloud-based data center for convenient access through our client portal. Compact and easy to install on both new and existing mitigation systems, our patented technology ensures the most efficient and economical approach to meeting operation, maintenance, and monitoring obligations on radon and chemical vapor intrusion project sites.



## Features

- 24/7/365 real-time monitoring
- User-defined condition notifications
- Secure cloud-based data storage
- Reliable wireless connectivity
- Convenient client portal access
- Instant historical data access
- Customized automated reporting
- Durable weathertight enclosure
- Quick and easy installation
- Proprietary patented technology

# SPECIFICATIONS

## Sensor Technology:

System Blower Amperage:	0 – 5.0 Amps
Differential System Pressure:	0 – 40.0" water column ("w.c.") (±5.0% "w.c.)
Ambient Temperature:	-40.0 – 185.0 °F (±1.8 °F)
Ambient Pressure:	300 – 1100 mBar (±0.6%)
Relative Humidity:	20.0 – 80.0 %Rh (±3.0%)

## Alarm Notification Methods:

E-Mail  
Text (SMS)  
Customizable alert messages

## Data:

Unlimited cloud-based data storage  
60-second communication interval  
8 GB on-board data backup (>10-year data capacity)

## Data Access:

Real-time data display on the system  
Cloud-based server and client portal

## Communication:

4G Frequencies: 698 - 3000MHz  
Peak gain: 5 dBi  
Pattern: Omni-directional

## Bluetooth 5.0:

Up to 50 connected devices in the networked gateway (Mesh) configuration

## Power Loss Communication:

Integrated emergency alert communication for power loss events

## Local Indicators:

Integrated system data display

## Power Requirements:

120 VAC, 60 Hz

## Operating Temperature:

-4° to 140°F | -20° to 60°C

## Dimensions:

7" x 5" x 3" | 178 x 127 x 76.2mm

## Enclosure:

Rated NEMA 4X and 6P  
Weatherproof and impact resistant polycarbonate housing

## Warranty:

1 year from the date of installation



**VAPOR  
SENTINEL™**

LEARN MORE:  
[vaporsentinel.com](http://vaporsentinel.com)