





# SCENTINAL SL50 PRODUCT SPECIFICATIONS

# **An Industrial Air Quality Monitor!**

The Scentinal monitoring station has been designed to collect data from a variety of sensors and present the sensor data in an easy to understand graphical interface. With an operating temperature range of -50°C to 80°C, the Scentinal has been built to withstand a wide array of scenarios! The flexible intelligent station allows live monitoring of plant emissions on Scentroid's cloud servers. Odour emission is reported in OU/m³, calculated using Scentroid's deep learning algorithm.



### Detected gases H<sub>2</sub>S, SO<sub>2</sub>, CO<sub>2</sub>, CO, CI, C<sub>2</sub>HO<sub>4</sub>, H<sub>2</sub>, HCI, HCN, NH<sub>3</sub>, O<sub>3</sub>, NO<sub>2</sub>, PH<sub>3</sub>, O<sub>2</sub>, CH<sub>4</sub>, NO, VOCs and more





#### Daily Maintenance Automatic cleaning and decontamination of all lines

Plug and Play installation Sensors record their GPS position. Once powered, the central computer will know the exact location of the unit, even when moved



# Built-in Data Storage

Temperature, humidity, GPS, sensor data, noise, radiation, PM1, 2.5, 10, and odour data stored for 1 year



## Temperature range

-50°C to +50°C with HVAC -50°C to +80°C with CHVAC



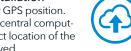
### Reporting Standards

Traceable back to international standards e.g. USEPA (40 CFR Part 53) and EU (2008/50/EC)



#### Cloud Access

Unit can be accessed on location or remotely using encrypted cloud based hosting



# Flexible Sensing and Modular Design

Scentinal can be customized to fit a wide range of applications. Users can select from a list of over 50 sensors to monitor gas pollutants, dust, meteorological conditions, noise, and even radiation. Scentinal can monitor emissions from a stack, sample from ambient air, or measure indoor air quality. Communications modules such as Modbus and BACnet allow Scentinal to be integrated into industrial plants and central monitoring stations.







