SCENTROID

FUTURE OF SENSORY TECHNOLOGY

ctair+

Urban Air Quality & Odour Monitoring Station

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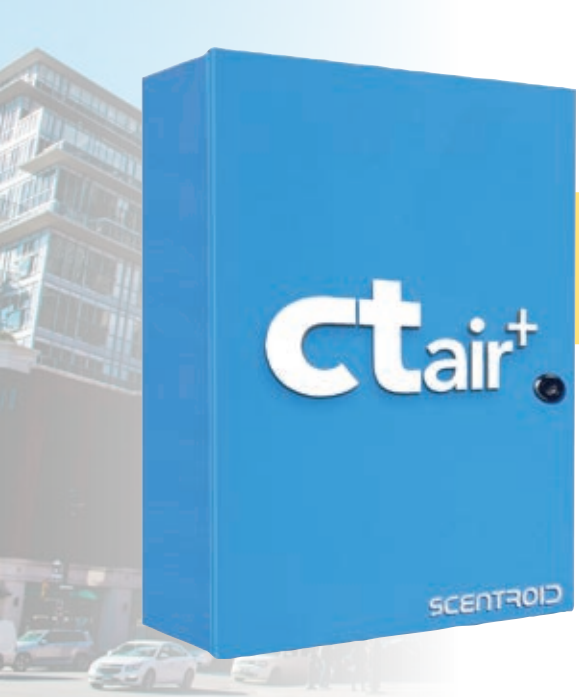


SCENTROID
Future of Sensory Technology

CTair+
PRODUCT SPECIFICATIONS

Urban Solution to Air Quality Monitoring!

The CTair+ monitoring station is a fixed unit that collects information from a variety of sensors and presents the data in an easy to understand graphical interface. It has been designed to be dispatched into a network of CTair units. Due to its lightweight design (30 lbs) the CTair unit can easily be installed and mounted to a light fixture or utility pole. By applying information collected from multiple data points, the CTair allows the user gain a complete understanding of the chemical compounds and odours being monitored.

Detected Gases
Default: NO2, SO2, CO, and O3. Optional: VOC, NMHC, H2S and more.

Multi-Purpose Analysis Tool
Extremely accurate dust analysis (PM1, 2.5, and 10) using patented multi-beam laser counter and heater sampler.

Dimensions / Weight
12" x 8" x 6", 10lbs

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!

Data Storage
Each unit is equipped with a 64 gb SD Card for local data storage/ backup. Data is also stored via cloud-based server

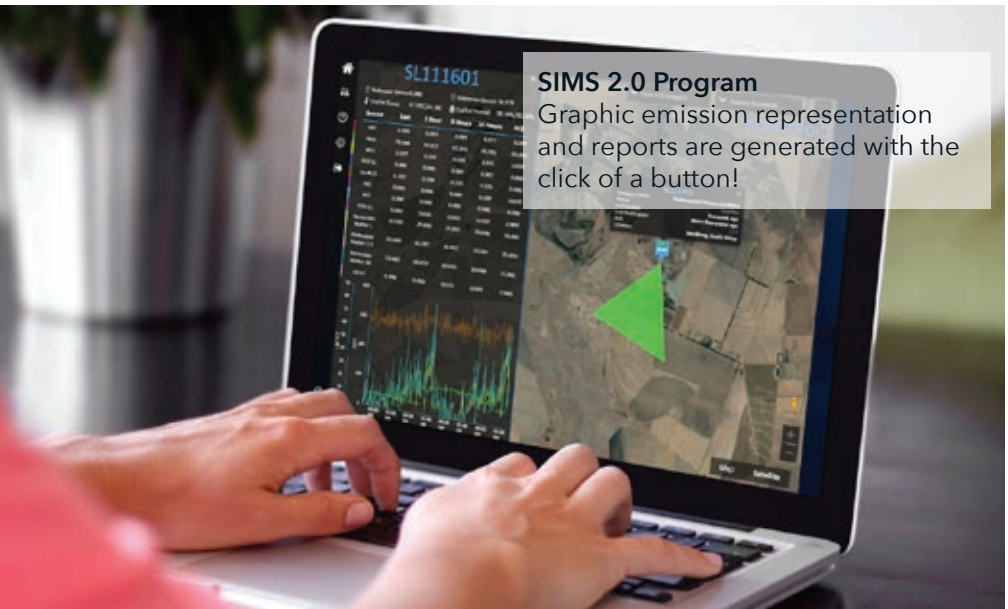
Communication
LORA long range wireless network (default), WiFi (default), 3G/4G access point (optional)

Reporting Standards
Near reference instruments following international standards e.g. USEPA (40 CFR Part 53) and EU (2008/50/EC)

Warranty
24 months full warranty covering even the sensors

Flexible Sensing and Heavy Duty Design

The CTair has been designed to hold 4 individual sensors. These can be specificed from a list of over 50+ traceable chemical compounds. The CTair has been built to withstand temperatures ranging from -50 °C to 40 °C (with heating and module). Through resisting extreme weather conditions and by using the included mounting hardware, the CTair can be placed just about anywhere!



SIMS 2.0 Program
Graphic emission representation and reports are generated with the click of a button!

TINY Solution to a big problem!
The CTair is smaller than comparable analyzers minimizing cost and spatial real estate