THP10
SMART SEWER NETWORK MONITORING

With the THP10, you can detect blockages early by identifying unusual differential pressure build-ups caused by obstructions. These blockages often lead to stagnant wastewater and anaerobic conditions, promoting the production of hydrogen sulfide (H_2S) and the release of odors.

Pressure fluctuations in the sewer network can indicate inadequate airflow, which traps odorous gases and prevents proper ventilation. Abnormal pressure levels may signal conditions that lead to sewage backflow, a major contributor to odor problems and public complaints. Additionally, built-in accelerometers provide tamper detection by identifying unauthorized movement or access.

Tamper Detection
The Scentroid THP10 Will dispatch immediate SIMS3, email and SMS warnings if sewer cover has been lifted or removed.

Gas Monitoring
Optional: Differential Pressure, Hydrogen sulfide (H_2S), Ammonia (NH_3), carbon monoxide (CO), and volatile organic compounds (VOCs) and more!
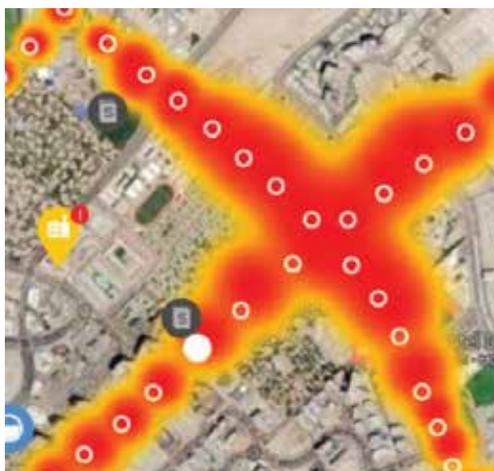
Built-in Modem & GPS
Enables real-time data transmission and precise location tracking for remote sewer monitoring, and tracking.

Differential Pressure
Two Pressure feeds (below and above the sewer cover) detect abnormalities, informing user of blockages, ventilation, and potential backflow issues

SCENTROID'S SIMS3

View real-time sewer conditions, readings full reports, and more using Scentroid's Sensor Inforrmation Management System.

Built-in Sensors	Temperature, Humidity, Pressure, Vibration and Tamper-Proof Accelerometer
Detection Thresholds	H2S (0 - 5000 ppm) NH3 (0 - 100 ppm), CO (0 - 10 ppm), VOCs (0 - 2000 ppm)
Size	28.5 cm x 17.5 cm x 10 cm
Battery Life	Up to 12 months of continuous battery life
Date & Time	Synced to NTP or GPS
Enclosure	R60 Pelican Ruck Case
Enclosure Rating	IP65
Enclosure Mounting	Designed for wall mounting. Hanging and Wall Mount Adaptor Provided
Operating Temperature	-40 °C to +60 °C
Operating Humidity Range	10% to 100 % RH, non condensing
Operating Pressure	Up to 10,000ft
Data Transmission/Transfer	LTE-M Or WiFi/Over WiFi using FTP Protocol
Interface	Scentroid SIMS3 (Sensor Information Management System)
Backup	Internal 16GB MicroSD Card
Device Health	Daily Sensor Health & Replacement Check and Reminders
Warranty	24 Months Full Warranty (Parts, Including Sensors)

70 Innovator Avenue, unit 7
Stouffville, ON, L4A 0Y2

416-479-0078
1-888-988-IDES (4337)

info@scentroid.com
www.scentroid.com

SCENTROID
Future of Sensory Technology