

Senscient ELDS™ Laser-Based Open Path Gas Detector (OPGD) Solves the Most Difficult Toxic Gas Problems!

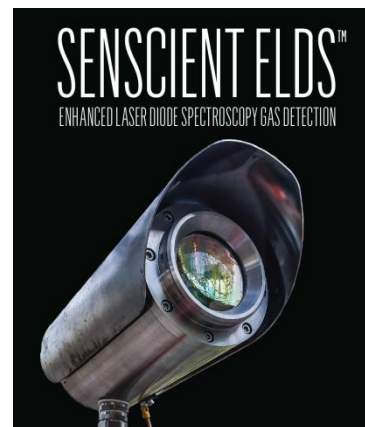
When it comes to gas detection, only one thing really matters... CONFIDENCE!

Designed to provide the utmost in safety, the Senscient ELDS Laser-based Open Path Gas Detector (OPGD) rejects nuisance false alarms, detects more fugitive gas leaks over wider areas, and automatically verifies full end-to-end functionality every day. With solutions for both toxic and flammable gases, Senscient ELDS takes gas detection to the next level with its breakthrough technology:

Harmonic Fingerprint™ Detection

Confidence without compromise. Senscient ELDS uses harmonic identifiers of the target gas to confirm or reject an alarm condition.

By using multiple harmonics, the identification process is as unique as forensic fingerprint matching, providing the highest level of false alarm and cross-interference immunity of any gas detector.



SimuGas™ Daily Self Testing

Keep workers out of harm's way. SimuGas full end-to-end functional checks eliminate the need for manual gas checks. End users can utilize SimuGas Auto for a completely hands-off solution, or choose to initiate SimuGas Live via Bluetooth or RS485 connection.

Bluetooth®

Stay connected. Work smarter. Bluetooth wireless technology enables faster commissioning and troubleshooting while keeping workers out of harm's way.

Tuneable Lasers

Laser focused on gas, not weather. Senscient ELDS tuneable lasers provide 1000x better resolution than traditional IR-based open path detectors. By increasing the resolution, Senscient ELDS is less prone to water vapor interference, increasing uptime availability in challenging weather such as fog, rain, or snow.

Specific Detection for Flammable and Toxic Gases

Lower operational costs by more than 80%. The Senscient ELDS requires no consumable sensing elements and no calibrations during the lifetime of the product, saving time and money for the following gases:

- Ammonia
- Carbon Dioxide
- Ethylene
- Hydrogen Chloride
- Hydrogen Fluoride
- Hydrogen Sulphide
- Methane
- Methane – Cross Duct and Ventilation Zone
- Sour Gas (Methane & Hydrogen Sulphide)