



Industrial Monitoring

Detection Capabilities

Hydrogen Sulfide (H₂S)

Carbon Monoxide (CO)

Methane (CH₄)

Hydrogen (H₂)

Ammonia (NH₃)

Nitrogen Dioxide (NO₂)

Sulfur Dioxide (SO₂)

Volatile Organic

Compounds (VOCs)

Additional detection capabilities available.

Next-Generation, Compact, Low-Power Industrial Gas Detector

N5's chip-scale gas and chemical detection technology can be leveraged to develop ultra-compact, reliable gas detectors for hazardous industrial gasses.

These sensors enable significant improvements over existing systems including:

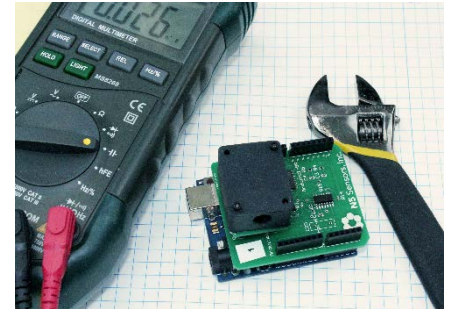
- Reduced Size, Weight and Power
- Low cost multi-gas detectors
- Performance improvements in response time and selectivity
- Improved reliability – less false positives
- Integration with Smart-Devices

Personal Gas Detection

Chip-scale multi-gas sensor technology enables comprehensive detection of hazardous gasses in a low-profile smartphone attachment. The system can provide improvements in both performance and size over current solutions.

Integrated Sensor Networks

N5's low-cost sensor technology can also be integrated into sensor networks with several "nodes." Connected by industrial WiFi or ZigBee, nodes can produce a gas "heatmap," identify leak sources and send alerts faster.



Industries

Oil and Gas

Mining

Farming and Agriculture

Manufacturing

Transportation

Chemical Industries

Warehouses

Asset Monitoring

