Wireless Gas Detection Smart Sensors

Protection & Regulatory Compliance

Alegna's Gas Detection Sensors each wirelessly monitor for carbon monoxide (CO), hydrogen sulfide (H2S), or carbon dioxide (CO2). If gas concentrations exceed preset thresholds, designated personnel are alerted via text, email, or call.

Gas Sensors for Life Safety

These gas sensors undercut traditional sensor prices by 15–20%, install within 15 minutes, provide an industry-leading 1,200+ foot wireless range, and offer a 12+ year battery life (two AA's).

These gas sensors compliment Alegna's indoor air quality smart sensors which includes the Particulate Matter (PM) 2.5 and air velocity sensors.

Need to wirelessly track indoor air quality and ensure the regulatory compliance of work sites, offices, and residential complexes?

Learn more about Alegna's CO, H2S, and CO2 sensors below.

Applications

- CO Monitoring In Facilities
- Gas Ranges and Ovens
- Indoor Air Quality
- Ventilation Management
- Marine Vessels
- Wastewater Treatment
- Natural Gas Production
- Crude Oil Production
- Landfill Gases
- Grow Houses
- Landfill Gases
- Grow Houses
- Vehicle Exhaust Monitoring

- Furnace Monitoring
- Fireplaces

Colorless, odorless, tasteless: carbon monoxide (CO) quickly accumulates in facilities, causing serious illness or death—particularly among children, the elderly, or infirmed.

Installed in 15 minutes, Alegna's smart sensors detect CO—if levels surpass preset limits, designated personnel are alerted via text, email, or call. At 4.37″ W x 2.47″ H, this battery-powered CO detector is smaller than a U.S. dollar bill for easy deployment.

CO Sensor Highlights

- Measures 0–10000 ppm
- Accurate to +/- 45 ppm + 3% of reading
- CO data can be reviewed and exported
- Based on a microelectromechanical system (MEMS)
- Instant CO readings & 8-hour, time-weighted average readings
- Options: on/off switch or line-power with battery backup & on/off switch

Smart Sensor

Features

- 1200+ ft. Range
- Up to 12 Years of Battery Life
- Automated Data Logging

Benefits

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

NOTE: SEE MORE AIR QUALITY SENSORS BELOW:

Wireless Carbon Monoxide (CO) Sensors

Small sensor, big impact

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CO Sensor Highlights

- Measures 0–10000 ppm
- Accurate to +/- 45 ppm + 3% of reading
- CO data can be reviewed and exported
- Based on a microelectromechanical system (MEMS)
- Instant CO readings & 8-hour, time-weighted average readings
- Options: on/off switch or line-power with battery backup & on/off switch
- Protecting occupants is priority #1—whether it's commercial, industrial, or healthcare.
- Add turnkey protection with a Alegna™ CO Sensor.
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Applications

- CO Monitoring In Facilities
- Gas Ranges And Ovens
- Vehicle Exhaust Monitoring
- Fireplaces

Smart Sensor Features & Benefits

Features

- 1200+ ft. Range
- Up to 12 Years of Battery Life
- Automated Data Logging

<u>Benefits</u>

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

NOTE: SEE MORE AIR QUALITY SENSORS BELOW:

Wireless Carbon Dioxide (CO2) Sensors

Protect employee wellness & productivity

As Carbon Dioxide (CO2) concentrations rise within facilities, occupants may suffer from fatigue; excessive exposure triggers nausea and/or vomiting. Alegna's CO2 sensor monitors this gas; if levels exceed preset limits, designated personnel are alerted via text, email, or call.

Sensor features:

- Smaller than a U.S. dollar bill, Alegna's CO2 sensor can be mounted and monitoring within 15 minutes.
- Measures 0–10000 ppm
- AA-battery powered (10+ year battery life)
- Instantaneous CO2 readings & 8-hour, time-weighted average readings
- Options: on/off switch or line-power with battery backup and on/off switch
- CO2 concentration provides insight into facility ventilation quality and HVAC calibration. Greenhouses and modern grow spaces also rely on CO2 sensor data to optimize crop growth.
- Maintain wellness and productivity with Alegna's Wireless CO2 Smart Sensors.

Applications

- Landfill Gases
- Indoor Air Quality
- Marine Vessels
- Greenhouses
- Grow Houses
- Ventilation Management

Smart Sensor Features & Benefits

Features

- 1200+ ft. Range
- Up to 12 Years of Battery Life
- Automated Data Logging

Benefits

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

NOTE: SEE MORE AIR QUALITY SMART SENSORS BELOW:

Wireless Hydrogen Sulfide (H2S) Gas Sensors

Life Safety Technology

- A whiff of a faintly sulfurous or cloying sweet odor can cause headaches; excessive exposure Ends in paralysis or death.

- Hydrogen sulfide (H2S) is a toxic gas that stalks underground telecom vaults and many other enclosed industrial, agricultural, and commercial areas. Highly flammable, H2S also gravitates to ignition sources, posing a risk of flashbacks or explosions.

- Alegna's wireless H2S Gas Sensor installs within 15 minutes. If monitored ppm exceeds preset limits, the sensor instantly alerts designated personnel via text, email, or call.

H2S Data Analysis

Ideal for compact installs, this AA battery-powered gas detection sensor is a scant 4.37″ W x 2.47″ H. Sensor readings can be viewed online via AlegnaSense™ Management Software Platform; data is downloadable for analysis and use in safety initiatives. This smart sensor also offers an optional on/off switch.

Protect life, limb, and machinery, by adding Alegna's Wireless H2S Smart Sensors to your safety program.

Applications

- Natural Gas Production
- Crude Oil Production
- Wastewater Treatment

Smart Sensors Features & Benefits

Features

- 1200+ ft. Range
- Up to 12 Years of Battery Life
- Automated Data Logging

<u>Benefits</u>

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

Call us today at (770) 855-3328 for more information. Alegna's Team is at Your Service!