



**Protecting People, Property and
Environment from Toxic and Flammable Gases**

A Complete Range of Fixed-Point and Portable Gas Detectors for Industry



Honeywell Analytics Offers Enhanced Safety and Productivity for Industrial Applications

Honeywell Analytics, the world-leading specialist in gas detection and sensing technology, manufactures a range of fixed and portable products that protect against toxic and flammable gas threats to maximize operational uptime.

Our Lumidor range provides reliable, tough portable protection suitable for industrial and commercial applications. The Sieger and Manning fixed detection solutions offer flexible, intelligent safety applications for an extensive range of gases.

Decades of experience and a commitment to innovation have ensured that each of our products is manufactured to the highest standards of quality and reliability. The result is total protection for people, property and processes—in the toughest conditions and the most extreme environments.

XNX Universal Transmitter

Supports all Honeywell gas sensing technologies (infrared, cat bead, electrochemical) and industrial communications (HART®, MODBUS®, FOUNDATION® FieldBus, (pending))



Oil & Gas Applications



Honeywell Analytics is the Name for Gas Detection, Upstream and Downstream

It's quite an accolade for Honeywell Analytics that Sieger has become the brand name synonymous with gas detection instrumentation used in extreme environments and difficult conditions.

When the consequences of a broken pipeline, valve leak or other system failure can be massive, even disastrous—and with help far away—it is important to prevent problems from initially arising.

Honeywell Analytics' gas detection systems, combined with our global technical support network, provide the best reassurance of safety possible for those who work at production facilities and for those who live nearby.

Honeywell Analytics' Industrial line of gas detectors are renowned for robust construction, reliable performance and wide-ranging analytical capabilities. Our Sieger gas detectors are used extensively on floating production storage and offloading (FPSO) vessels, as well at onshore and offshore oil and gas facilities. When the very best fixed-point gas detection is required, Honeywell Analytics is the name that safety managers request. Whether the need is for gas detectors, complete gas detection systems, or an integrated fire and gas system, Honeywell Analytics has the solution.

Controllers

System 57



HA-71



Gas Detectors & Transmitters

Searchpoint Optima Plus



Series 3000 XPIS



XNX



Apex



Searchline Excel



Water and Waste Water Treatment Applications



Quality Solutions for Large or Compact Installations

As environmental regulations for water and wastewater treatment grow increasingly rigorous, more officials who are responsible for water quality are turning to Honeywell Analytics to ensure safety through gas detection. Whether it's a large or compact installation, Honeywell Analytics delivers a reliable, flexible, innovative gas detection solution.

Gases Monitored

- Hydrogen Sulfide
- Carbon Dioxide
- Chlorine
- Sulfur Dioxide
- Ozone
- Methane
- Solvent Vapors

Typical applications:

Anaerobic Digesters Both Fixed & Floating Cover
Digester Control Building
Digester Gas Processing Rooms
Underground (piping) Tunnels Containing Natural or Sludge Gas Piping
In-vessel Compositing
Alcohol Storage
Incinerators
Chlorination Room
Chlorine Storage Tanks & Room
Ammonia Storage Tanks & Pipes
De-chlorination Processes
Sulfur Dioxide Storage Tanks
Wet Wells

Pumping Stations
Screen Facilities (Course & Fine)
Flow Equalization Tanks
Grit Removal Tanks
Pre-Aeration Tanks
Primary Sedimentation Tanks
Oxygen Aeration Tanks
Scum Handling Building
Scum Pits
Scum Pumping Areas (Wet & Dry Side)
Sludge Thickener
Sludge Storage Areas
Sludge Blending Tanks and Holding Wells

Sensors

Sensepoint Sensor



705 HT Sensor



Signalpoint



Detectors

Sensepoint



Sensepoint Plus



Sensepoint Pro



Series 3000 XPIS



Light Industrial Applications



Reliable Detection and Protection

The superior sensing technology in Honeywell Analytics gas detection products make it suitable for a wide variety of industrial applications within chemical, petrochemical, agriculture, printing and other industries. Consult Honeywell Analytics for a practical and cost-effective approach to your gas detection requirements.

Honeywell Analytics' extensive selection of gas sensing devices offers the industrial safety manager a "one-stop" solution for choosing a compatible gas detection system – with the flexibility to monitor gas hazards in a large area or several discrete locations from a convenient central site.

Controllers

HA-20



HA-40



HA-71



System 57



Specialty Chemicals Industry

Gases monitored: TDI, MDI, HDI, MMH, N₂H₄, TBA, TBP, XDI, MDA, HCN, SiH₄, Si₂H₂Cl₂, B₂H₆, GeH₄, AsH₃, PH₃, H₂Se, WF₆, SbH₃, Boran Trifluoride, Nitrogen Trifluoride, SF₆, CH₂F₂, CH₃F, C₄F₆, C₅F₈, Refrigerants, R11, R12, R22, R123, R125, R134a.

Inorganic Chemicals Industry

Gases monitored: Hydrogen, Acetylene, Hydrogen Fluoride, HNO₃, HCl, HPO₃, Phosgene, H₂O₂, F₂, Br₂, Cl₂, HBr, SiH₄, SiH₂Cl₂, BF₃, Nitrogen Dioxide, Nitric Oxide, O₃, Carbon Monoxide, Sulfur Dioxide, Oxygen Deficiency with Helium, Medical Gases & Ethylene Dioxide.

Plastics and Fibers Industry

Gases monitored: Olefins, Alkanes, Alkenes, LNG, Aromatics, Toluene, Phenol, Benzene, Mineral Acids, Halogens, Ammonia, Oxygen, Carbon Monoxide, O₃.

Agricultural Industry

Gases monitored: Hydrogen, Acetylene, Hydrogen Fluoride, HNO₃, HCl, HPO₃, Phosgene, H₂O₂, Fluoride, Br₂, Cl₂, HBr, SiH₄, SiH₂Cl₂, Boran Trifluoride, Nitrogen Dioxide, Nitric Oxide, O₃, Carbon Monoxide, Sulfur Dioxide, Oxygen Deficiency with Helium, Medical Gases & Ethylene Dioxide.

Printing Industry

Typical Applications: Exhaust lines, exhaust cleaning, press rollers washing, system room & solvent stocks.



Food Processing/Cold Storage Applications



Manning Systems by Honeywell Analytics: Robust, Reliable and Easy to Maintain

Honeywell Analytics Manning brand gas detectors are ruggedly constructed for long-term reliability and ease of maintenance in the harsh industrial environments typical of food processing and storage plants. Applications include fruit and vegetable processing, meat and poultry processing, baking and other energy intensive operations that utilize gas.

Our broad selection of electrochemical and infrared diffusion-type sensors offers excellent choices for long-term, trouble-free operation. Unlike sample draw systems, diffusion sensors can continuously monitor an entire facility without concern for pump or filter maintenance, sample dilution or moisture in sample draw lines. Degradation inherent to sample draw systems is not a concern with the solid reliability of diffusion devices. This is especially apparent in facilities with continuous high moisture levels.

Typical Applications in Food Processing/Refrigeration:

- Cold Storage
- Engine Rooms
- Processing Areas
- Vent Line Relief
- Emergency Shunt Trip
- Personnel Protection

Gases monitored:

- Ammonia
- Carbon Dioxide
- Carbon Monoxide
- R-22
- R-404a
- R-134a
- R-507
- Chlorine
- Chlorine Dioxide

Honeywell Analytics goes beyond the challenge of regulatory compliance to protect your company's plant, people, processes and environment—and ultimately, its bottom line.

Controllers

HA-40



HA-71



AirAlert™ 96d



Sensors

AirScan iR



VL



EC-F9-NH3



Continuing support to protect your business



Technical Services

Honeywell Analytics provides the best-quality gas detection equipment in the world so that businesses can get on with doing what they do best – running their business. Our objective is simply to take care of your safety requirements and to minimize any downtime gas safety issues. Using the best quality equipment is essential, but all equipment needs to be properly serviced and maintained. Honeywell Analytics provides a range of service levels to ensure the support needed to keep businesses running safely.

Systems Integration

Our Systems Integration Group provides a complete range of control and visualization services for our customers including network design, project management, system installation, commissioning/testing, and customer training.

Commissioning

For extra reassurance, systems can be installed and commissioned (or tested) by qualified Honeywell Analytics Service Engineers. Our specialists will check for installation, as well as provide any training that may be required.

Equipment Rental

There's no need to take risks with safety. If equipment purchases can't be justified or needs are difficult to assess, equipment can be rented and configured to specific site requirements. Equipment is available on either short or long-term lease arrangements.

Field Calibration

All precision equipment must be regularly serviced, calibrated and maintained. Honeywell Analytics offers full service technical support for the full range of fixed and portable equipment, as well as training in the use and maintenance of our instruments.

Field Service

Our Field Service team is on call 24 hours a day, 7 days a week, to ensure site safety and that business performance is never compromised. We have a global network of fully qualified and highly skilled engineers ready to meet any emergency need.

Preventive Maintenance

Proper maintenance will maintain performance and enhance the bottom line. Honeywell Analytics offers a customized Preventive Maintenance Program, performed by skilled engineers, to keep equipment operating at peak performance.

On-site Maintenance

Having a Honeywell Analytics On-Site Service Engineer on-call eliminates the need to employ and train equipment support staff. An On-Site Service Engineer can respond immediately to inquiries and promptly resolve problems, minimizing downtime.

Honeywell Analytics Global Service Team excels at finding solutions to technical issues and ensuring that operational uptime is maximized.

Specialized Training

Honeywell Analytics offers on-site training worldwide, which can be customized to meet the needs of your specific equipment, site application and attendees.

Extended Warranty

Our Extended Warranty Program provides customers with confidence, convenience and return on investment. Combined with our Preventive Maintenance and Calibration contract, we provide one of the most comprehensive maintenance programs available in the industry.



Honeywell Analytics Lines of Business



Commercial

Vulcain-brand gas detection from stand-alone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

- » Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

Industrial

Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies

- » Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial

Portables

Single or multi-gas Lumidor and other premium detectors with compact, lightweight designs ranging from simple alarm only units to advanced, fully configurable and serviceable instruments

- » Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets



Find out more

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High Tech/Government

A complete portfolio of gas and chemical detection instrumentation including infrared spectroscopy (MST) with no cross interference, to Chemcassette paper-based solutions (MDA Scientific) offering detection down to parts per billion

- » Applications: semiconductor manufacturing and nanotechnology, aerospace propulsion and safety, specialty chemicals industry, research laboratories, emergency response

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Technical Services

24/7 global network includes post-sales service and Systems Integration teams

- » Emergency call out, service contracts, on/off-site repair, training and commissioning
- » Complete range of spares, consumables and accessories

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