



ALTAIR io™ 4 CONNECTED GAS DETECTOR

NOW SUPPORTS H₂S-LC VISIBILITY



Early hazard identification



Enhanced Safety



Data Logging & Analysis



What is H₂S-LC?

Hydrogen Sulfide Lower Concentration (H₂S-LC) refers to a specialized sensor that measures the same Hydrogen Sulfide (H₂S) gas in the air but with a lower measurement range and higher resolution. This allows for setting lower alarm setpoints, enabling the detection and response to lower concentrations of H₂S compared to the standard H₂S sensor. This capability is particularly crucial in industries like oil and gas, chemical manufacturing, and wastewater treatment, where monitoring even minimal levels of H₂S is essential for safety.

A significant enhancement to the ALTAIR io™ 4 calibration report on the MSA Grid platform was introduced lately. The update enables the Grid to accurately display which version of the H₂S sensor is installed (H₂S or H₂S-LC), offering you improved fleet management and monitoring capabilities

Why is a low-concentration hydrogen sulfide sensor important?

Monitoring H₂S-LC is critical for maintaining safety and compliance with industry regulations. Several countries have stringent guidelines for H₂S levels to protect workers and prevent accidents, and these require the use of the H₂S-LC sensor. With our latest update, you can ensure your operations stay within safe limits and comply with these important regulations.

WE KNOW WHAT'S AT STAKE.



Key Benefits of the Update:

- **Enhanced Safety:** Proactively manage and mitigate explosive hazards with precise H₂S-LC detection.
- **Comprehensive Monitoring:** Gain a more complete understanding of your environment by monitoring H₂S levels with a low concentration sensor that provides better resolution.
- **Regulatory Compliance:** Stay compliant with industry standards and regulations related to H₂S-LC concentrations.

To find out more about how this update can benefit your operations and enhance safety protocols, please contact us today.

Contact Us



About ALTAIR io™ 4

The ALTAIR io™ 4 is a secure, smart gas detector with out-of-the-box connectivity packed into an ultra-rugged design - featuring our XCell sensor platform which continues to lead the industry in lifetime & durability. The ALTAIR io™ 4 was designed from the ground-up to work seamlessly with the MSA Grid and the ALTAIR io™ Dock, providing hassle-free compliance, effortless fleet management & incredible visibility into your worker safety that you've never had before.

ALTAIR io™ 4 features:

- **Improve worker accountability:**
Easily assign the ALTAIR io™ 4 to employees with just a tag and increase accountability of the device. Ensure that employees use their devices correctly, maintain them properly, and adhere to your safety policies.
- **Simplify Compliance with Testing Regulations:**
Streamline the process of monitoring devices that need calibration, testing, or repair to minimize downtime and always ensure operational readiness.



- **Rugged, durable design and Industry-Leading XCell® Sensors:**
The ALTAIR io™ 4 gas detector is more durable and offers the ability to detect up to four gases, including flammable gases (e.g., methane), oxygen, carbon monoxide, and hydrogen sulfide, with additional sensors available upon request.
- **Real-Time Monitoring:**
Gain insight through the MSA GRID into the current locations of your employees and the current gas concentrations at the work site.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

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