

An industrial refinery scene at sunset, featuring tall distillation columns and complex piping structures illuminated by warm lights. The entire scene is reflected in a body of water in the foreground. The SMC logo is overlaid in the center.

smc sierra
monitor

**Oil & Gas
Applications**

Our Products

SentryIT Controller



- Connects up to 32 flame and gas detectors
- Universal inputs and outputs
- Simple, one person GlobalCal™

Combustible Gas Detectors



- Up to 365 day calibration duration
- Catalytic bead & Infrared
- Outputs including Modbus, 4-20mA relays, & HART interface

Toxic Gas Detectors

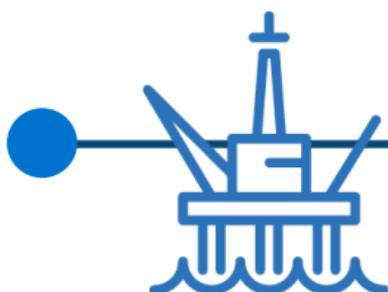


- Up to 180 day calibration duration
- H₂S, CO, CO₂, O₂, & more
- Outputs including Modbus, 4-20mA relays, & HART interface

Flame Detectors



- Robust false alarm immunity
- Superior response times
- UV, UV-IR, Multi-IR



Oil & Gas Processing

Sierra Monitor has 40 years of experience in protecting people in the most hazardous locations in the world.

From upstream exploration to downstream refining, the oil and gas process is highly complex and poses many safety management considerations.

Risks to personnel and the facility include:

- Exposure to flammable gases
- Exposure to toxic gases
- Detecting open flames or fires

“

The Sierra Monitor equipment performs flawlessly. It's exactly what we expect from a gas detection solution.

– Brad Pennington, Electrician responsible for gas detection

”



Global Certifications

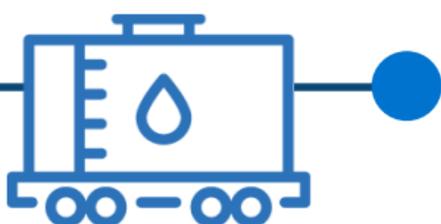
Sierra Monitor's industry leading flame and gas detection solutions are held to the highest standards, with approvals from Nationally Recognized Testing Lab (NRTL) and other certifying organizations.



A full list of our product certifications can be found on our website.

GlobalCal™

Calibration is a critical, but tedious, part of gas detection. With GlobalCal™, facilities managers lengthen time between calibration periods, and minimize resources required.



About Us

Headquartered in Northern California, Sierra Monitor was founded in 1978 and has been a public company since 1989. Facilities managers from around the world have trusted Sierra Monitor to protect their people and property.

For 40 years, Sierra Monitor has built, maintained and supported flame and gas detection systems that meet or exceed the very highest global standards. Built to exacting standards by technology experts, Sierra Monitor is known for constructing high-quality, highly reliability products to protect people and property in the most extreme environments.

Our Sentry IT branded controllers, sensor modules, and software are used by safety managers to protect facility personnel and assets across thousands of facilities such as natural gas vehicle fueling and maintenance stations, wastewater treatment plants, oil and gas refineries and pipelines, parking garages, and underground telephone vaults.

Fast Facts

- Founded 1978
- Publically traded since 1989
- OTC: SRMC
- Headquartered in Northern California
- Products built in the USA
- Gas detectors deployed and installed in thousands of locations worldwide
- Sentry IT controller supports up to 32 detection devices
 - Complete line of Toxic, Combustible and Oxygen Depleting detectors
 - Range of Flame Detectors
 - Over 100,000 units deployed
- Proven, trusted, certified supplier of Life Safety systems

Sierra Monitor Corporation

1991 Tarob Court | Milpitas, CA
www.sierramonitor.com
sales@sierramonitor.com
+1 (408) 262-6611
