

Oil & Gas

Proven Surveillance Solutions For Safer, Smarter & More Productive Oil & Gas Operations



- Protect Your Crew, Equipment, & Location
- Optimize Safety & Environmental Care
- Maximize Productivity
- Simplify Compliance Monitoring & Reporting

For oil and gas operators, partnering with Hanwha Vision is an ideal way to protect their people, secure job sites, and maximize productivity.

As a longtime leader in the global video surveillance industry, Hanwha Vision's popular range of surveillance solutions are utilized in every type of upstream, midstream, and downstream location.

From offshore rigs, onshore oil wells, pipelines, processing plants, and refineries, Hanwha provides purpose-built, high-resolution cameras that deliver exceptional imaging even in challenging conditions. Beyond its industry-leading camera technologies, Hanwha Vision also offers solutions for IP audio, video management systems (VMS), cloud, recording, software, and a range of accessories.

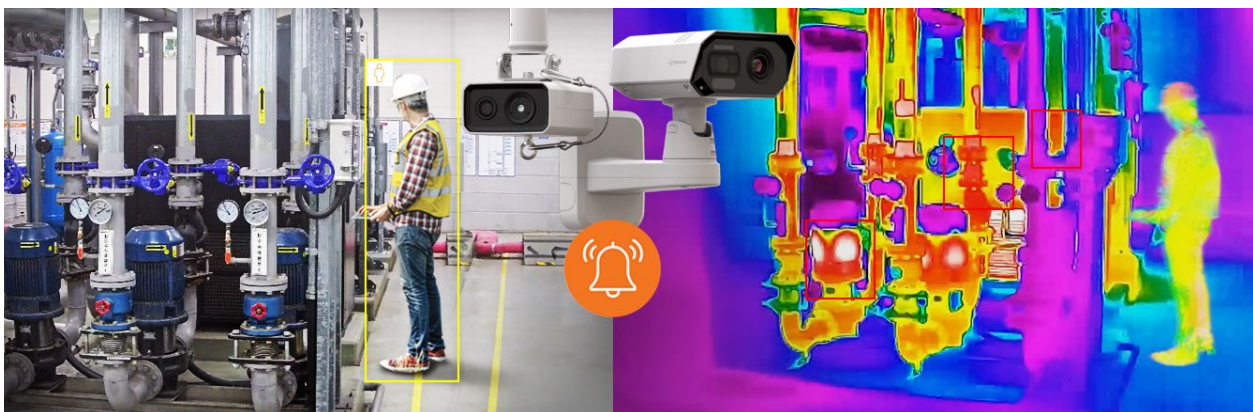
Smart Operations with Onboard Video Analytics

Many Hanwha Vision cameras are equipped with license-free, advanced AI analytics. Features like motion detection, intrusion alerts, and real-time event tracking allows security professionals to immediately identify potential threats, potential worker safety issues like (falls or slips) or other anomalies, from either onsite or centralized offsite locations.

The actionable insights generated by Hanwha Vision's intelligent IP cameras enable security professionals to make more informed decisions to improve operational efficiency, evaluate workload distribution among staff, and ensure critical safety regulations are followed at all times.

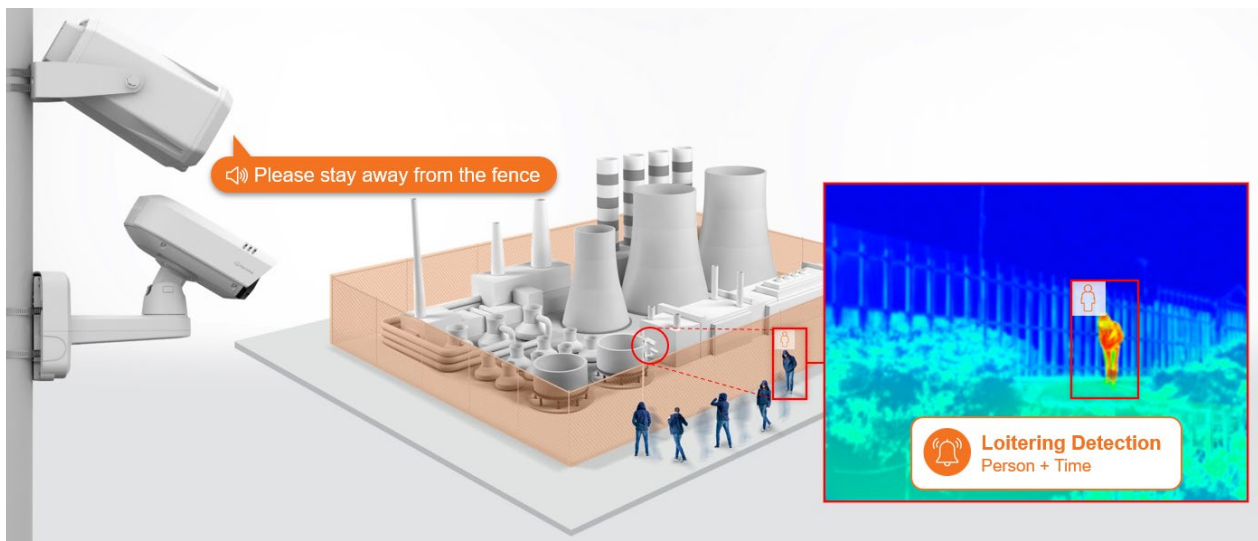
Thermal Imaging For Safer Work Environments & Proactive Equipment Monitoring

With a temperature detection range of -40°F to 1022°F (-40°C to 550°C). Hanwha Vision's AI radiometric thermal cameras are the perfect option to monitor the performance of critical equipment like drilling rigs, tanks, flares, and oil wells.



Temperature changes are among the earliest warning signs of equipment overload and performance problems. Identifying these issues at the start can help companies quickly remediate any troubles before they require larger, more expensive repairs, and lead to costly downtime, environmental hazards (leaks and oil spills), industry citations and fines, or unsafe work environments.

In addition, for enhanced perimeter monitoring and intrusion detection, Hanwha Vision's thermal and radiometric devices can identify people and vehicles at distances as far as 1.9 miles (3,157 meters) away in all types of weather and low-light conditions.



Cameras Certified for the Most Extreme Conditions

Rugged and reliable, Hanwha Vision's custom-designed explosion-proof cameras can operate safely in areas where traditional camera device designs are unsuitable or pose a safety risk due to the presence of explosive or flammable gases and other chemicals.

Seamless Integration & Management

Hanwha Vision's cameras are compatible with industry-leading video management solutions, including its own Wisenet Wave VMS/SSM VMS, as well as options from Genetec and Milestone. This enables seamless integration for AI analytics and remote monitoring capabilities, allowing security professionals to oversee multiple locations and trigger rapid responses from anywhere.



Since existing VMS solutions can still be effectively used, oil and gas operators can easily add - or make the switch to - the latest **Hanwha Vision** intelligent cameras, without additional time or costs needed for integration.

Stringent Regulations: Simplifying Compliance & Reporting

With **Hanwha Vision**'s AI-enabled security systems and IP audio solutions, companies can easily track if employees are not following key safety guidelines.

Alert sensors and audio network solutions can detect and call out when employees are not following procedures or wearing the recommended personal protective equipment (PPE) such as safety goggles, helmets, masks, or protective suits.

To simplify compliance reporting and incident tracking, a major benefit for oil and gas operators of all sizes, **Hanwha Vision**'s AI-enabled electronic security systems feature comprehensive logging and reporting features to automatically generate reports on security incidents, access control logs, and even surveillance footage.

As a result, company leaders and security directors can have, at all times, documentation that clearly demonstrates compliance to industry and safety standards.

CLOSE

In an industry where safety, efficiency, and reliability are non-negotiable, **Hanwha Vision** offers a trusted, proven partner, recognized throughout the video surveillance industry for its commitment to innovation, quality manufacturing, and advancing AI solutions for safety and beyond.

