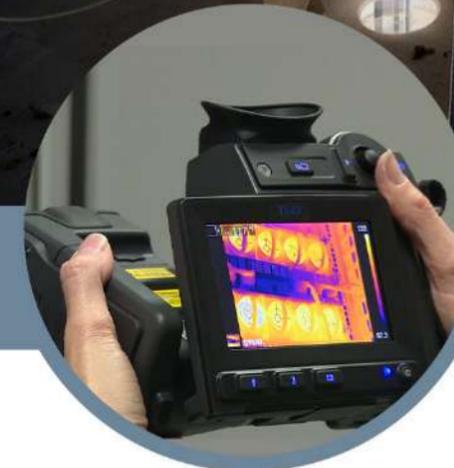
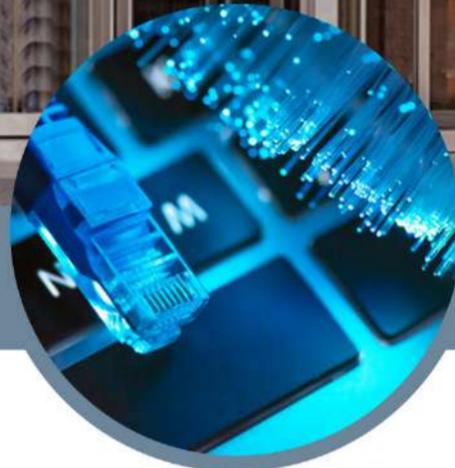
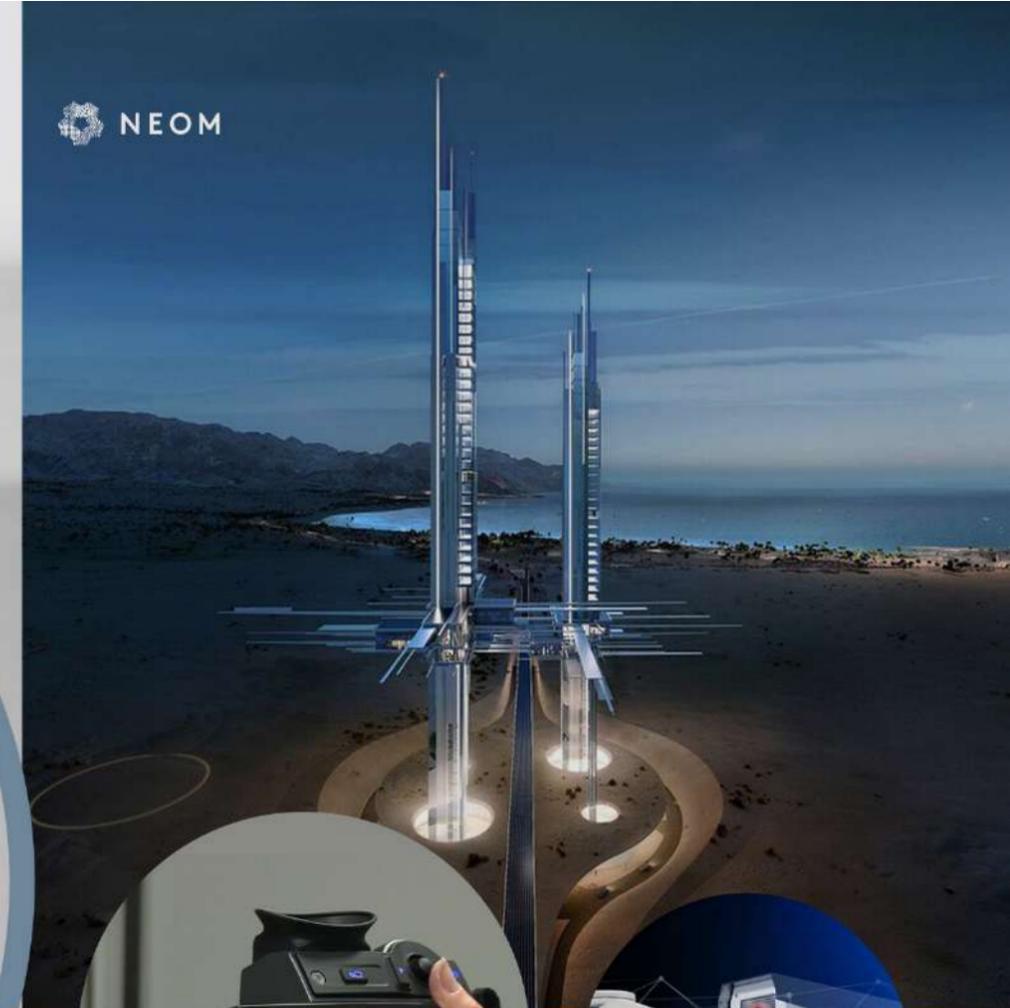




شركة وسام الأنظمة التجارية
WESAM SYSTEMS CO. LTD

NEOM



WESAM Systems Co. LTD

www.wesamsys.com



Index

About Us	01
Mission & Vision	02
Products & Solutions :	
CCTV Security Surveillance Solutions	03
Border Surveillance, Drones & Public Safety Technologies	27
Infrared Thermography Solutions	41
Our Services	47
Infrared Training Center & certificates	51
Events, Awards & Recognition	52
Our Parteners	59
Our Clients	60





About Us

Wesam is a Saudi Arabian company that provides smart solutions for various industries throughout the Kingdom of Saudi Arabia and within the GCC Region.

We deliver the most cutting-edge products, innovative solutions, and professional services that exceeds the expectations of our esteemed clients and customers.

Derived from the Arabic word: **وسام** "**wesam**" which translates to "Recognition Awarded", our company's philosophy was born - It is to dedicate in establishing a recognized portfolio of businesses that enhance industry value and make substantial contributions to enhancing safety, security, and reducing costs, risks, and losses.





Mission

To secure lives, properties, businesses, and the environment, to reduce costs, risks and losses, and to ensure better life standards by providing state-of-the-art technologies and solutions in the Kingdom of Saudi Arabia, the GCC Region, and beyond.



Vision

To be the leader in providing the ultimate smart safety and security products, solutions and services in the Kingdom of Saudi Arabia, the GCC Region, and beyond.



وسام الأنظمة

WESAM SYSTEMS

OUR PRODUCTS & SOLUTIONS

CCTV Security Surveillance Solutions





وسام الأنظمة
WESAM SYSTEMS

CCTV Security Surveillance Solutions



AI-Powered Intelligent
CCTV Solutions



Solar-Powered
CCTV Solutions



Thermal Security
Monitoring Systems



Explosion-proof CCTV
Solutions for Process Areas

CCTV Security Surveillance Solutions



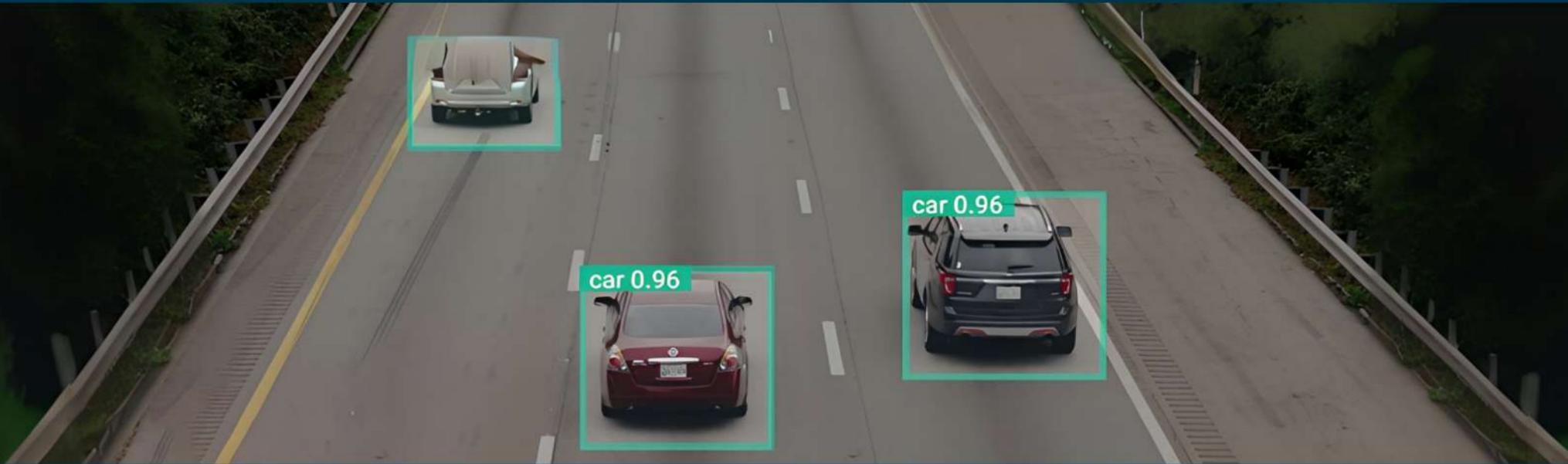
Intelligent CCTV Solutions (AI-Powered)

AI Powered Intelligent CCTV Solutions

- ◆ Automatic Number Plate Recognition (ANPR)
- ◆ Illegal Parking Detection
- ◆ Facial Detection
- ◆ People & Vehicle Counting
- ◆ Personal Protective Equipment (PPE) Detection
- ◆ Under Vehicle Surveillance System (UVSS)
- ◆ Human Behavior Detection
- ◆ Work Behavior Detection
- ◆ Smoke & Flame Detection
- ◆ Cloud Storage System
- ◆ DSS Professional



CCTV Security Surveillance Solutions



Intelligent CCTV Solutions (AI-Powered)

Automatic Number Plate Recognition

- ◆ **Improve Efficiency & Experience:** Detection vehicle from video: %98. Control boom-gate by ANPR. No need stop.
- ◆ **Information display:** Integrated LED screen will show notice information for drivers.
- ◆ **Exception handling:** Press VTO button once needed; Swipe card to pass.
- ◆ **Enhance safety:** Capture and record every passing vehicle. Search the records by plate.
- ◆ **Easy installation to save time and cost:**
 1. Integrated design ANPR Kit with screen.
 2. No need to close access for burying loops.

06



وسام الأنظمة
WESAM SYSTEMS

CCTV Security Surveillance Solutions



Intelligent CCTV Solutions (AI-Powered)

Automatic Number Plate Recognition

◆ Speed Measurement

Dahua provide the capability to detect over speed vehicle inside the park, at the same time, record the pass by history.

◆ Illegal Parking Management

Easy configuration the available parking time, automatic receive the illegal parking information, improve the response time and efficiency, helps better management the road traffic..



CCTV Security Surveillance Solutions



Intelligent CCTV Solutions (AI-Powered)

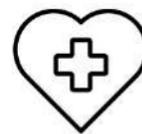
Illegal Parking Detection



Trigger the alarm if vehicle is parking in the illegal area.



Residential



Hospital



Office Building

Capacity

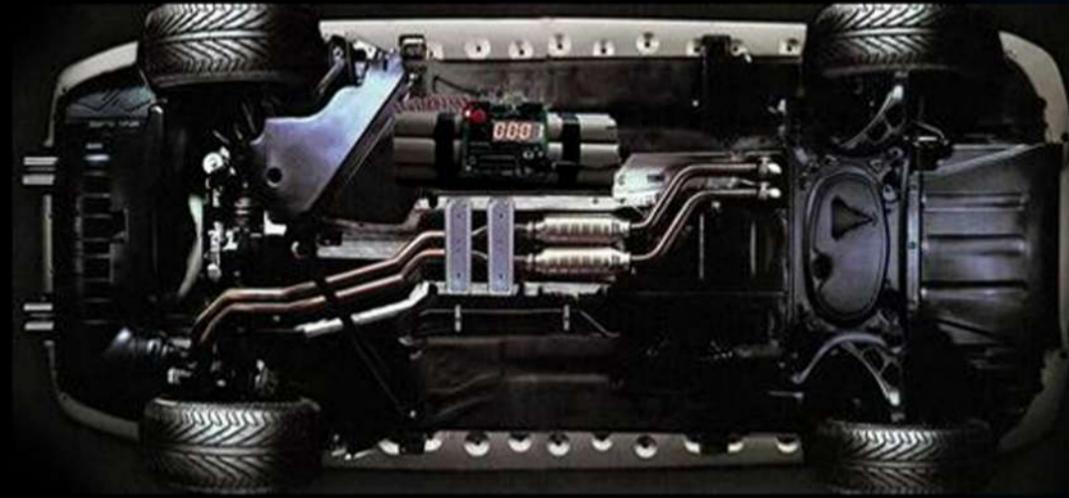
◆ Accuracy Rate: Up to %93 ◆ Detection content: Plate No., Color, Logo, Type

08



وسام الأنظمة
WESAM SYSTEMS

CCTV Security Surveillance Solutions

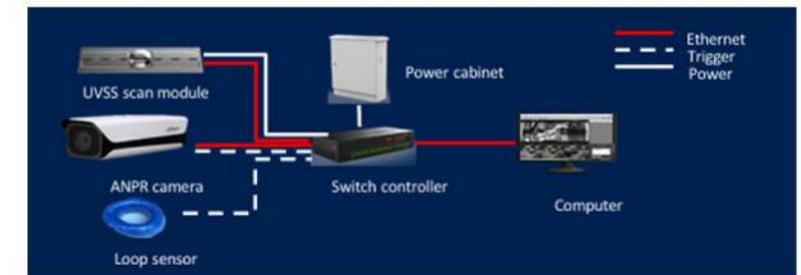


Intelligent CCTV Solutions (AI-Powered)

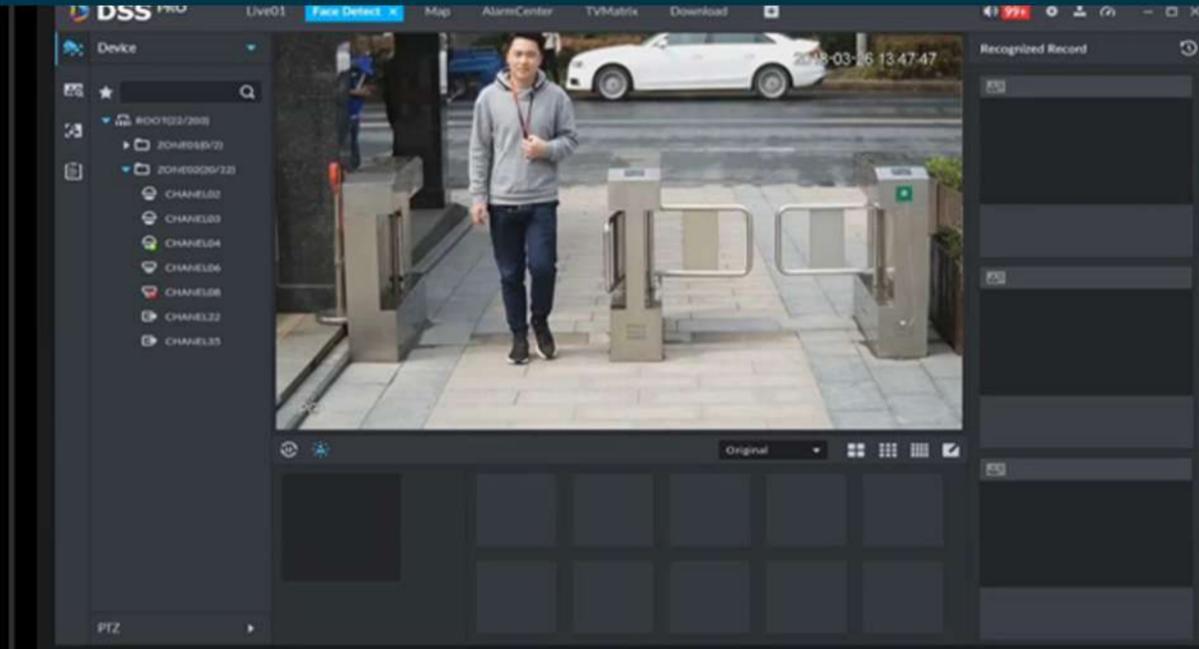
Under Vehicle Surveillance System (UVSS)

◆ Solution Value

Provide an efficient and safe way for vehicle under chassis inspection.



CCTV Security Surveillance Solutions



Intelligent CCTV Solutions (AI-Powered)

Facial Detection

- ◆ **Real-time Alarm**

Recognize person pass-by and triggered alarm by blacklist configuration.

- ◆ **Search by Image**

Find out the target by searching inside the snapshot face.

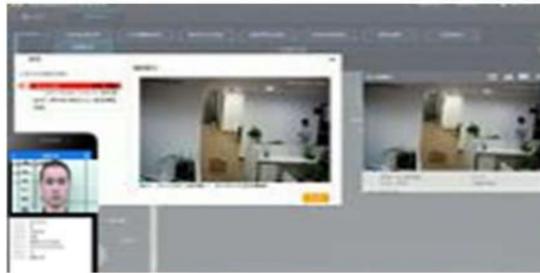
- ◆ **Trajectory Analysis**

Support to display the trajectory of the target by face image.

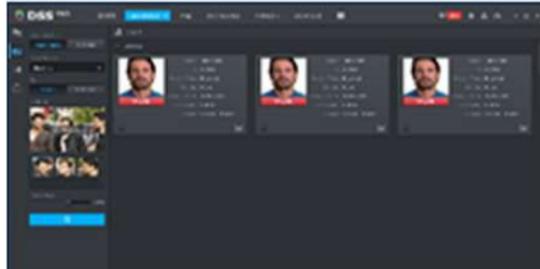


CCTV Security Surveillance Solutions

Intelligent CCTV Solutions (AI-Powered) Facial Detection



Receive the **real-time alarm** to find out if there is blocklist person or stranger appear inside the park.



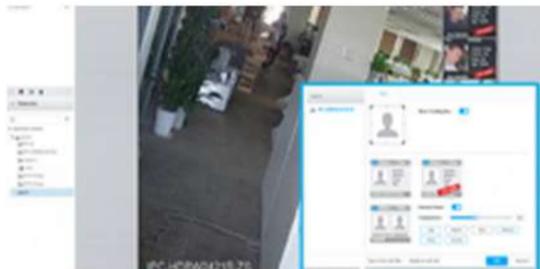
Search the snapshot library by face, get the result if the target has appeared in park.



Trace by face and know where the target has been.



Dahua provides the metadata for big data analysis.



Metadata search, search the record by attributes, decrease the analysis time.
(Specific feature should be confirmed before project).

CCTV Security Surveillance Solutions



Intelligent CCTV Solutions (AI-Powered)

People & Vehicle Counting



Crowd Density

Detects the number of people in the monitored areas, and sends alarms if it exceeds the threshold. It can also automatically generate crowd reports for analysis..



Vehicle Density

Detects the number of vehicle in the monitored areas, and sends alarms if it Vehicle Density exceeds the threshold. It can also automatically generate vehicle reports for analysis.

12



وسام الأنظمة
WESAM SYSTEMS

CCTV Security Surveillance Solutions

Intelligent CCTV Solutions (AI-Powered)

People Counting

◆ Scenario Description

There are often large numbers of people in the squares in the city's center. To prevent events such as stampedes, we need an effective solution to check the number of people in these public places.

◆ Value

- It effectively provides early warning when the crowd number or density in the area exceeds the set threshold to protect public security.
- Crowd reports can be used for BI analysis to develop related management policies.
- One camera can achieve 360° panoramic coverage, saving installation, wiring, and maintenance costs.

Vehicle Counting

◆ Scenario Description

Public roads like urban roads, viaducts, and toll gates are prone to traffic jams. Traffic management departments must formulate corresponding traffic policies to decrease road congestion.

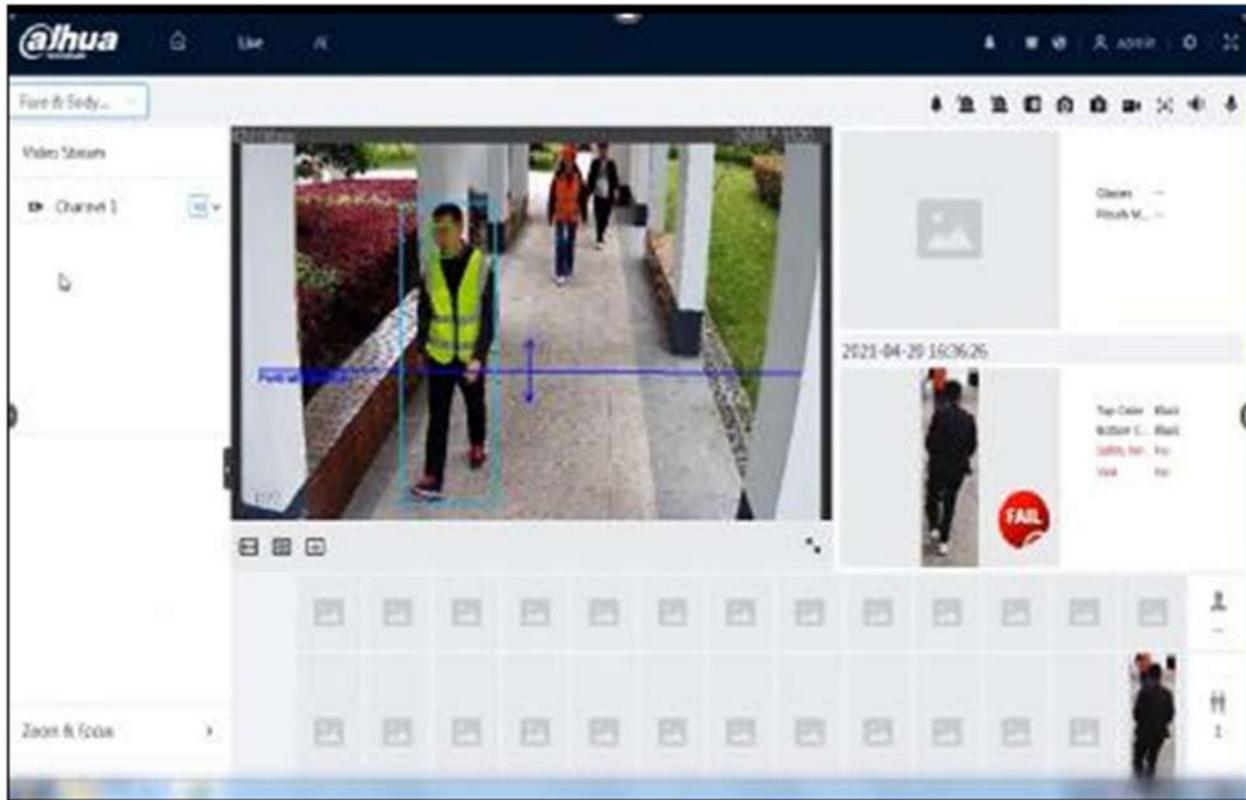
◆ Value

- Automatically counts the number of vehicles and generates road congestion reports for BI analysis. It helps traffic management departments formulate corresponding traffic policies to decrease road congestion.
- Wide-area surveillance solution saves installation, wiring, and maintenance costs.

CCTV Security Surveillance Solutions

Intelligent CCTV Solutions (AI-Powered) Personal Protective Equipment (PPE) Detection

PPE Detection



Detects compliance of wearing personal protective equipment in the site.

Attributes that can be detected include hard hats, reflective vests, masks, glasses, top color and bottom color.



Construction Site



Factory

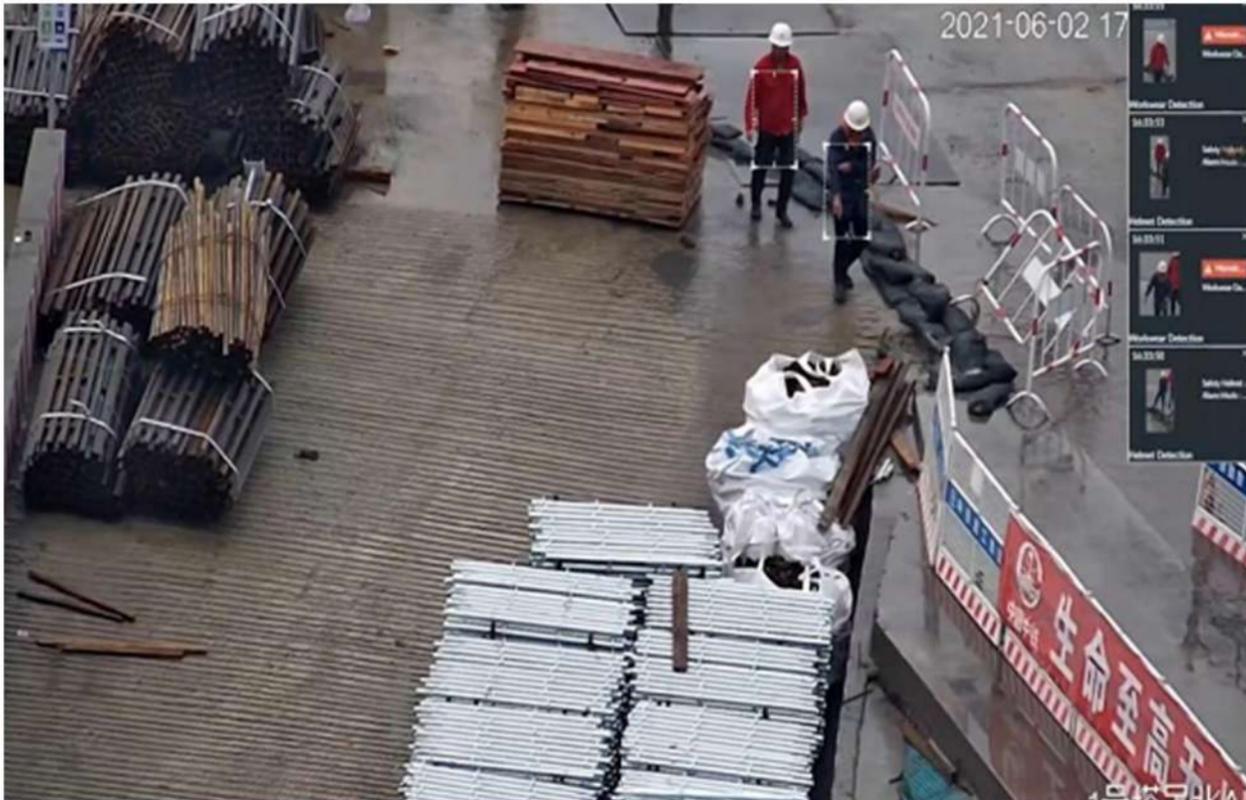


Warehouse



CCTV Security Surveillance Solutions

Intelligent CCTV Solutions (AI-Powered) Personal Protective Equipment (PPE) Detection



PPE DETECTION



Hat Detection

Detect whether the user is wearing Safety Helmet or Cap and whether the color is compliant.



Workwear Detection

Detect whether the staffs' work clothes are matched with the work clothes database. The detection can be based on the upper body cloth or the complete work suit.



Mask Detection

Detect whether the staffs are wearing mask or not.

Capacity

- ◆ Accuracy Rate: Up to %95

CCTV Security Surveillance Solutions

Intelligent CCTV Solutions (AI-Powered)

Human Behaviour Detection



Capacity

- ◆ Accuracy Rate: Up to %95

PPE Detection



People Running Detection

Trigger the alarm if someone is running over 2.5m/s.



People Falling Detection

Trigger the alarm if someone sit on the ground or fall to the floor.



Violent Motion Detection

Trigger the alarm if people(≥ 2) fight in the detection area.



People Trailing Detection

Trigger the alarm if someone is following a person for a period of time in detection area.

CCTV Security Surveillance Solutions

Intelligent CCTV Solutions (AI-Powered) Smoke & Flame Detection



PPE Detection



Flame Detection

Detect flame and trigger alarm in time to minimize adverse impact.



Smoke Detection

Detect smoke, which can show the early sign of most fires and obtain more valuable time for extinguish and evacuation.

- ◆ It does not support forest and field scenarios.
It does not support IR cameras.

Capacity

- ◆ Accuracy Rate: Up to %95



CCTV Security Surveillance Solutions

Powerful and Flexible Video Management Software Milestone XProtect

Milestone XProtect is a leading video management software (VMS) solution designed to help organizations of all sizes manage and monitor their security camera systems efficiently.

Key Features :

- ◆ **Open Platform:** Easily integrates with thousands of cameras, devices, and third-party systems, allowing complete flexibility and scalability.
- ◆ **Scalable Architecture:** Supports everything from small installations with a few cameras to large, multi-site systems with thousands of devices.
- ◆ **User-Friendly Interface:** Enables users to view live and recorded video, manage incidents, and respond to alarms – all from a centralized dashboard.
- ◆ **High Security and Reliability:** Offers advanced encryption, secure video storage, and system health monitoring to protect data and ensure uptime.
- ◆ **Global Support and Updates:** Backed by Milestone Care, providing regular software updates, technical support, and service options tailored to your needs.



CCTV Security Surveillance Solutions

Genetec Omnicast – Smart IP Video Management System Milestone XProtect

Genetec Omnicast is a versatile IP-based video management system (VMS) that lets organizations view, manage, and analyze security camera footage efficiently.

Key Features :

- ◆ **Unified Platform:** Integrates seamlessly with access control, license-plate recognition, intrusion detection, and communications—all in one interface
- ◆ **Scalable & Flexible:** From small setups to large, multi-site deployments supporting thousands of cameras, with on-premises, hybrid, or cloud storage options .
- ◆ **Intelligent Monitoring:** Features interactive maps, dynamic dashboards, smart motion detection, visual tracking, and fast forensic searches.
- ◆ **Robust Security:** Ensures high availability, data encryption, digital signatures, and audit trails—protecting both video integrity and user privacy.
- ◆ **Modular Editions:** Available in Standard, Pro, and Enterprise editions to fit varying needs—ranging from tens to unlimited cameras and advanced redundancy capabilities.



CCTV Security Surveillance Solutions

Solar-Powered CCTV Solutions

PC Client



- ◆ For remote outdoor scenarios where electricity and internet connection are limited.
- ◆ Uses 4G to transfer monitoring data.
- ◆ Solar to power which is easy/quick to install and can save wiring to the greatest extent.

Advantages:

- ☑ No extra network cable and power cord connection is required.
- ☑ Integrated structure, convenient installation and deployment.
- ☑ Excellent performance and long standby time
High protection, all-weather operation.



CCTV Security Surveillance Solutions

Solar-Powered CCTV Solutions



Traditional Solution

Traditional outdoor monitoring installation requires laying large cables and networks. For some remote locations, there are difficulties in pulling cables and troubleshooting.

- ◆ Remote, difficult to pull cables, take power and overlay network.
- ◆ Long construction period, large investment.
- ◆ Long-distance transmission and monitoring, inconvenient management and maintenance.

Off-grid Solution

Different from the traditional way, the off-grid scheme uses solar energy and wireless transmission technology to meet the needs of monitoring deployment outdoor.

CCTV Security Surveillance Solutions

Thermal Security Monitoring Systems Long Range Security

- ◆ FLIR PT-Series HD thermal cameras detect intrusions at great distances. These thermal cameras offer superior vision in complete darkness and challenging environments.

- ◆ It is an extremely versatile solution for critical infrastructure protection in total darkness, bright sun, and adverse conditions.

Improved Threat Detection

- ◆ 4-5 km human recognition
- ◆ 14x thermal imaging optical zoom
- ◆ Continuous 360° panning

Easy Integration

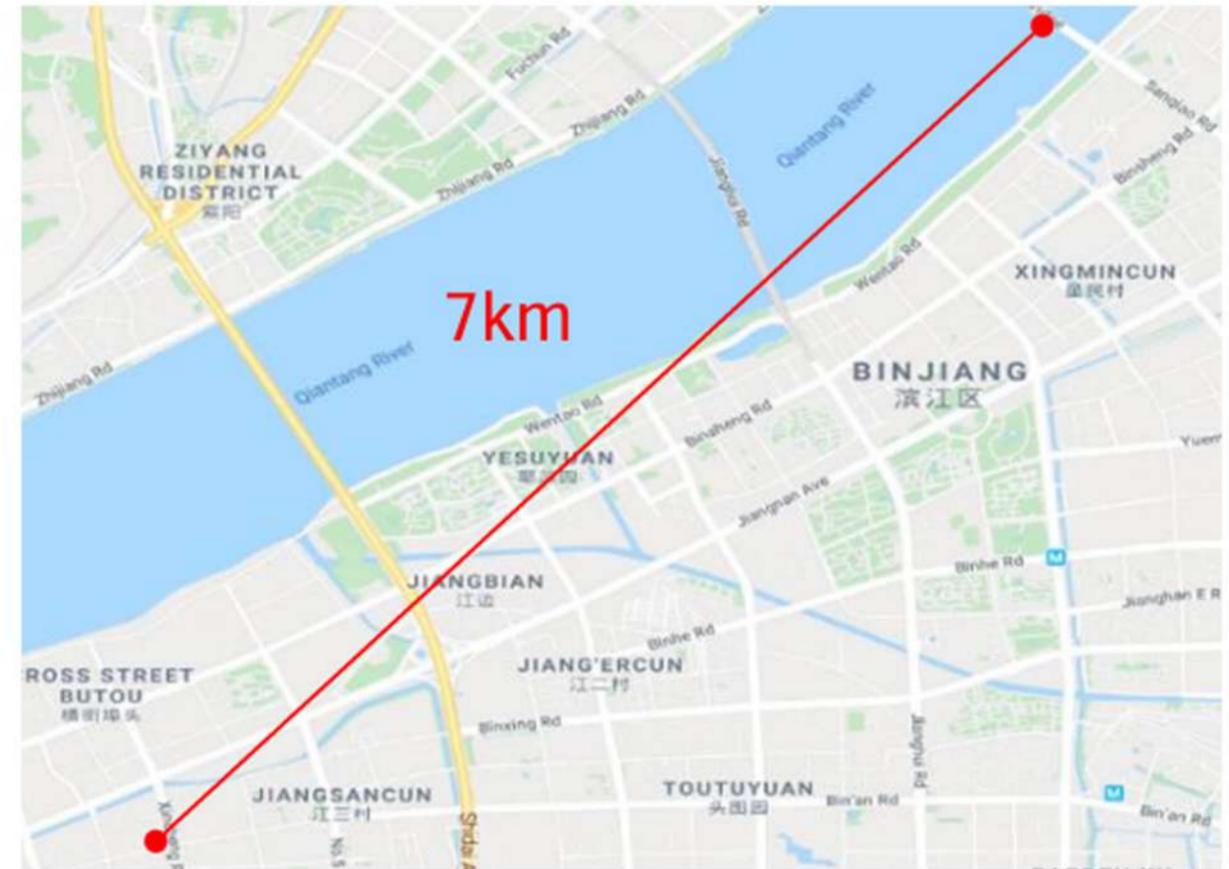
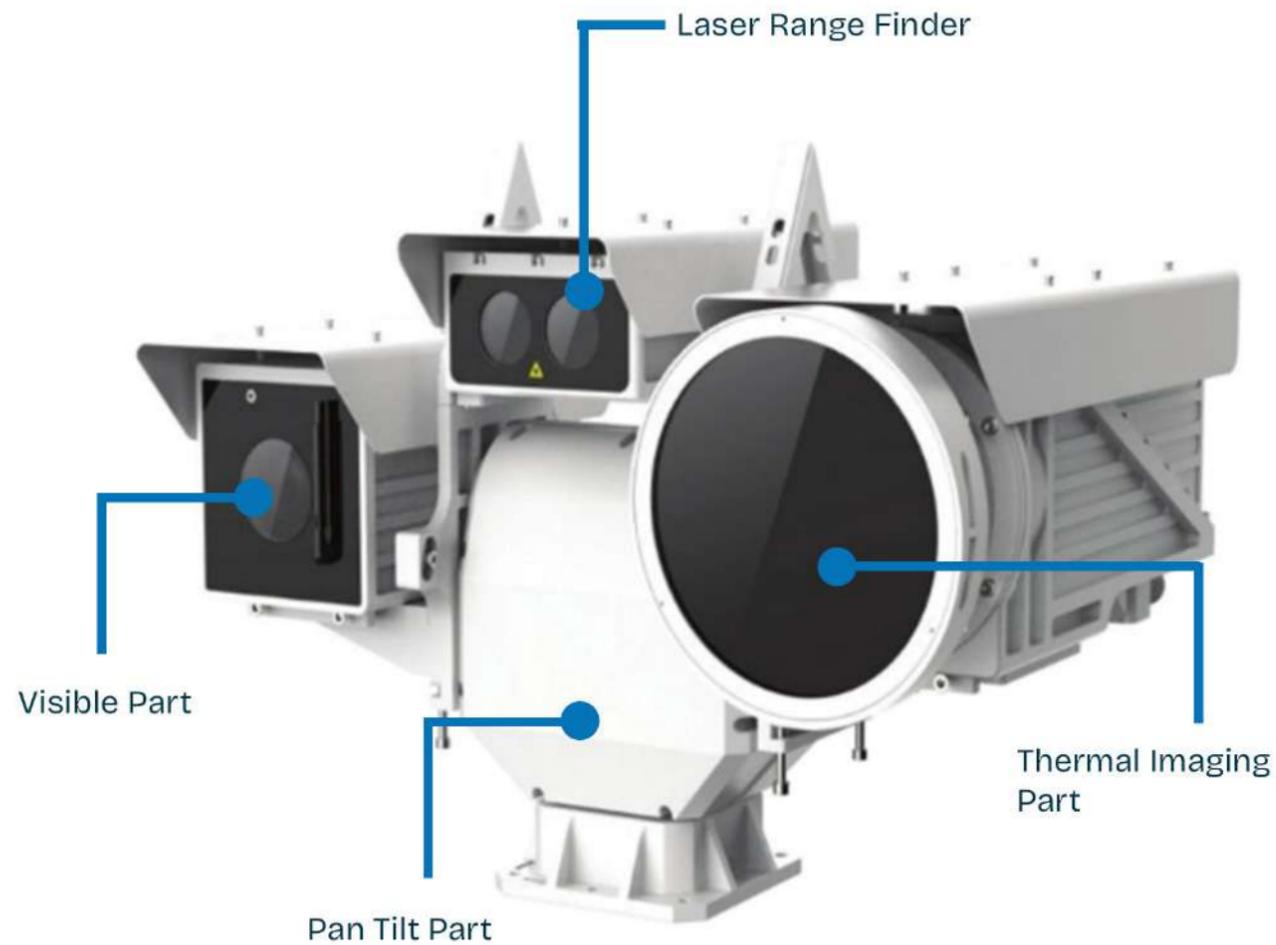
- ◆ Open IP standards for plug-and-play integration
- ◆ Thermal and visible IP and analog video output



CCTV Security Surveillance Solutions

Thermal Security Monitoring Systems Long Range Security

Thermal detector can spot vehicle 20 km and human size target 8 km, with fine details.



CCTV Security Surveillance Solutions

Thermal Security Monitoring Systems

Long Range Security

Boat Detection



- ◆ Detection for illegal fishing & illegal sand mining,
- ◆ Coastal protection
- ◆ Natural water protection
- ◆ Harbor management
- ◆ Reservoir protection
- ◆ Bridge area waters



CCTV Security Surveillance Solutions

Thermal Security Monitoring Systems

Long Range Security

Fire Detection & Prevention



Monitors the area and detects temperature differences. If temperature is found higher than normal scope, the system sends warning and alarm

CCTV Security Surveillance Solutions

Solutions for Process Areas



Explosion-proof CCTV

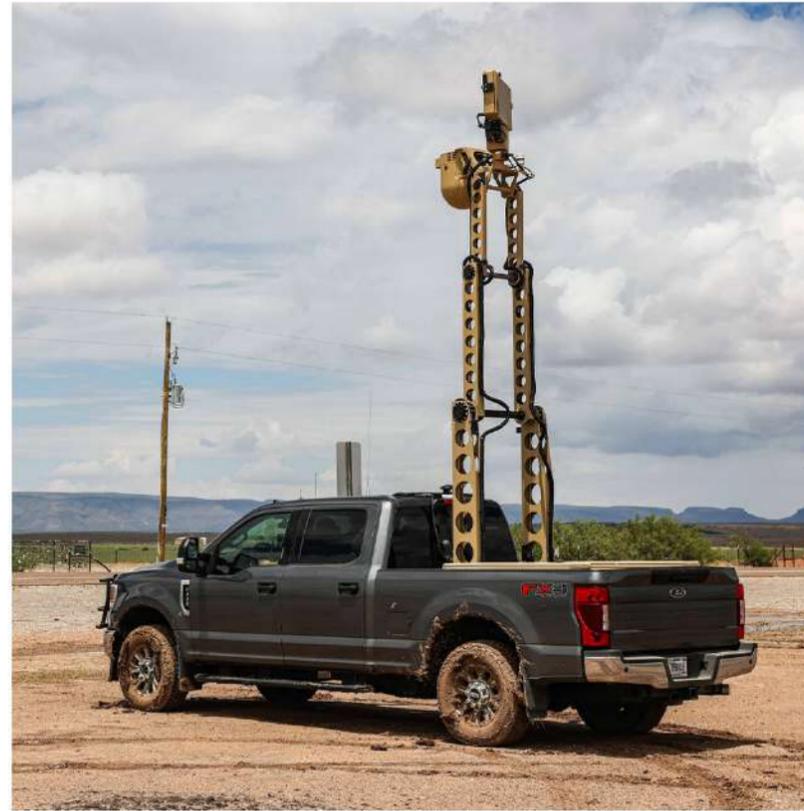
Rugged explosion-proof CCTV cameras designed for use in hazardous areas in onshore, offshore, marine and heavy industrial environments.



Border Surveillance, Radar Systems & Drone Technologies



Border & Coastal
Surveillance with Radar Systems
(Fixed)



Mobile Remote
Surveillance with Radar Systems



Drone Technology
(Unmanned Aircraft System)

Border & Coastal Surveillance with Radar Systems (Fixed)



- ◆ FLIR's Ranger HRC is a high-resolution mid-wave thermal imaging system built around a large format 640x512 array and a choice of powerful continuous-zoom telescopes. Available in its standalone, environmentally hardened enclosure, the system can also integrate an optional high-magnification CCD-TV camera, laser rangefinder, and digital magnetic compass.
- ◆ FLIR's ground-based radars are designed to withstand the rigors of a desert environment. Providing 7/24 security to ranges of up to 5,000 meters.

FLIR EO/IR Sensors



Ranger HDC/HRC

- ◆ Pan/Tilt Long-Range Multi-Sensors
Offers extended range performance with HD or high-resolution mid-wave sensors and powerful continuous-zoom telescopes. Available standalone or integrated with visible cameras, laser rangefinder, digital magnetic compass, and robust pan/tilt platform.

Ranger HDC MR

- ◆ Mid-range Multi-Sensors
Sets a new standard for high-definition perimeter security applications, border surveillance and force protection. With superior capability to detect illegal activities in any weather using built-in fog mode and heat turbulence filters, it can quickly and accurately determine true threats from false alarms in any situation.



Mobile Remote Surveillance with Radar Systems



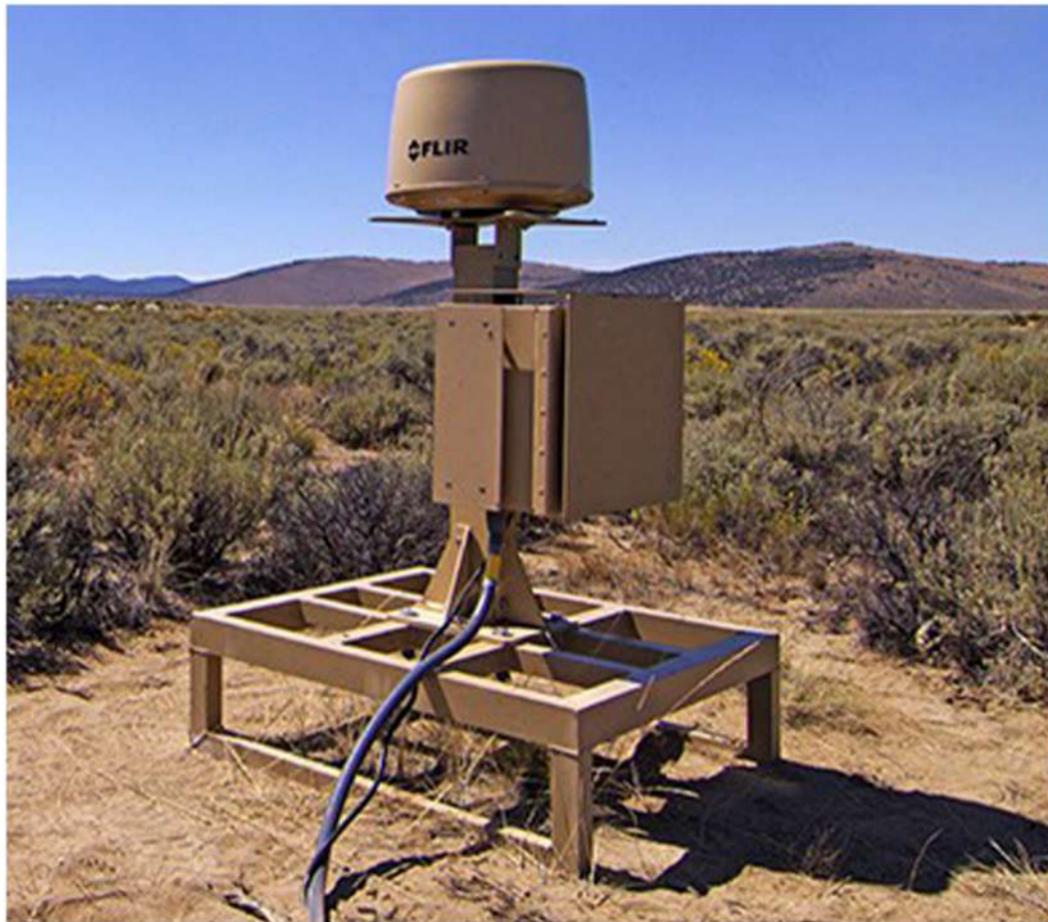
(LVSS & Cerberus)

- ◆ For quick and mobile long-range, wide-area surveillance of land and maritime areas.
- ◆ Fully-contained mobile surveillance solution that includes FLIR state-of-the-art long-range radars and high-definition electro-optical and infrared (EO/IR) cameras integrated into the FLIR the on board Cameleon command and control (C2) system.
- ◆ LVSS is fully modular; the sensor payload and the C2 can fit into any larger commercial pickup truck and military vehicles.



Border Surveillance, Radar Systems & Drone Technologies

FLIR RADARS



Ranger R20SS | Land/Coastal

Ground and coastal surveillance radar specifically designed to detect and track personnel, vehicles and vessels at distances within a 20-km range. Operates in the X-band, and is minimally affected by adverse weather or precipitation.



Ranger R20SS 3D & R8SS-3D | Land/Air

Mid-range, man-portable radar able to detect and track personnel, vehicles and UAS within a 15-km range. 3D radars can track up to 500 drone targets simultaneously, monitoring the coverage area 4x per second, running 7/24, and detecting all ground and aerial threats in virtually any climate, day and night.

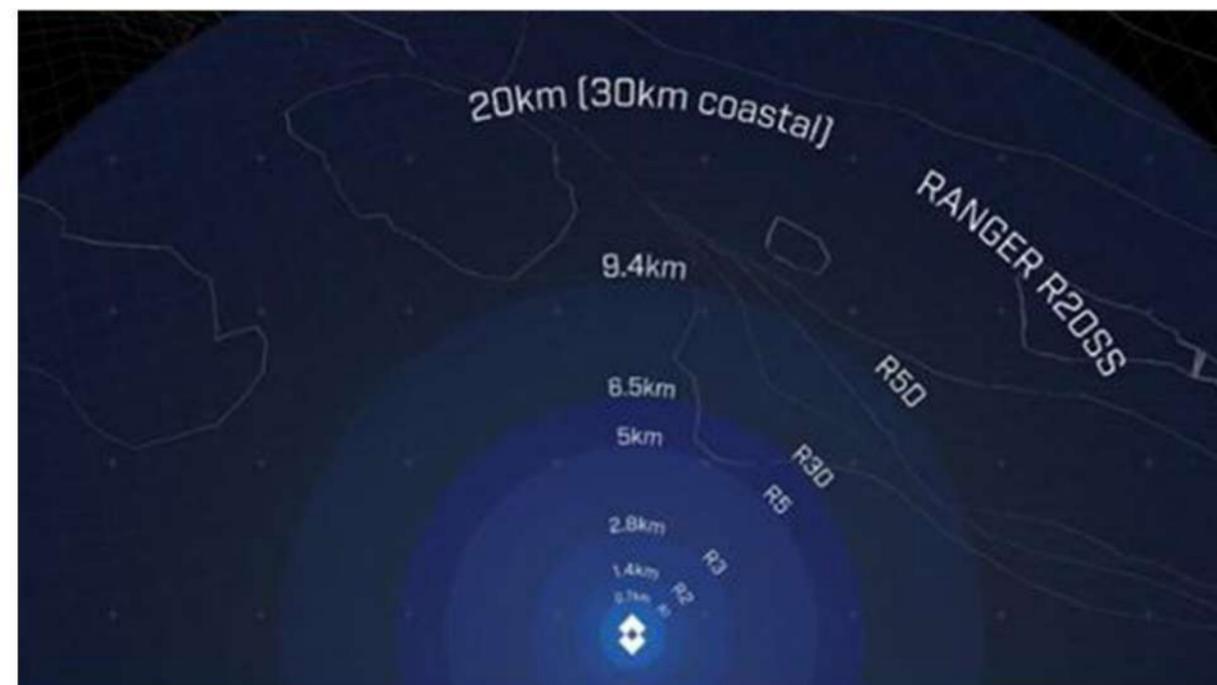
Ranger R1, R3, R5, R3D, R5D | Land

Detects vehicles and personnel within a 5-km range. Scans 360° every second and can effectively monitor up to 78 square km. Multiple units can be installed with overlapping coverage to protect the larger areas required for border security missions.



Border Surveillance, Radar Systems & Drone Technologies

Border & Coastal Surveillance with Radar Systems (Fixed) FLIR Radar Solutions



Border Surveillance, Radar Systems & Drone Technologies

Radar-Perimeter/Area Protection Dahua Radar Solutions

Region Radar



PFR4K-E50
24 GHz
120° / 36°
Human 50 m



PFR4K-E120
24 GHz
120° / 26°
Human 120 m



PFR4K-D300
24 GHz
90° / 13°
Human 300 m



PFR4K-D450
24 GHz
90° / 13°
Human 450 m



PFR7C-D1K5
C-band
24° / 90°
Human 1.5 km



PFR7C-D3K
C-band
24° / 90°
Vehicle 5 Km
Human 3 km

Perimeter Radar



DH-PFR4K-B240
24 GHz
20° / 13°
Human 240 m



PFR5QI-E60
Camera:
4MP 2.8mm 1 / 1.8"
35 IR
Radar:
60GHz Human 60m,
120° Without Sound
and Light



PFR5QI-E60-PV
Camera:
4MP 2.8mm 1 / 1.8"
35 IR
Radar:
60GHz Human 60m,
120° With Sound and
Light

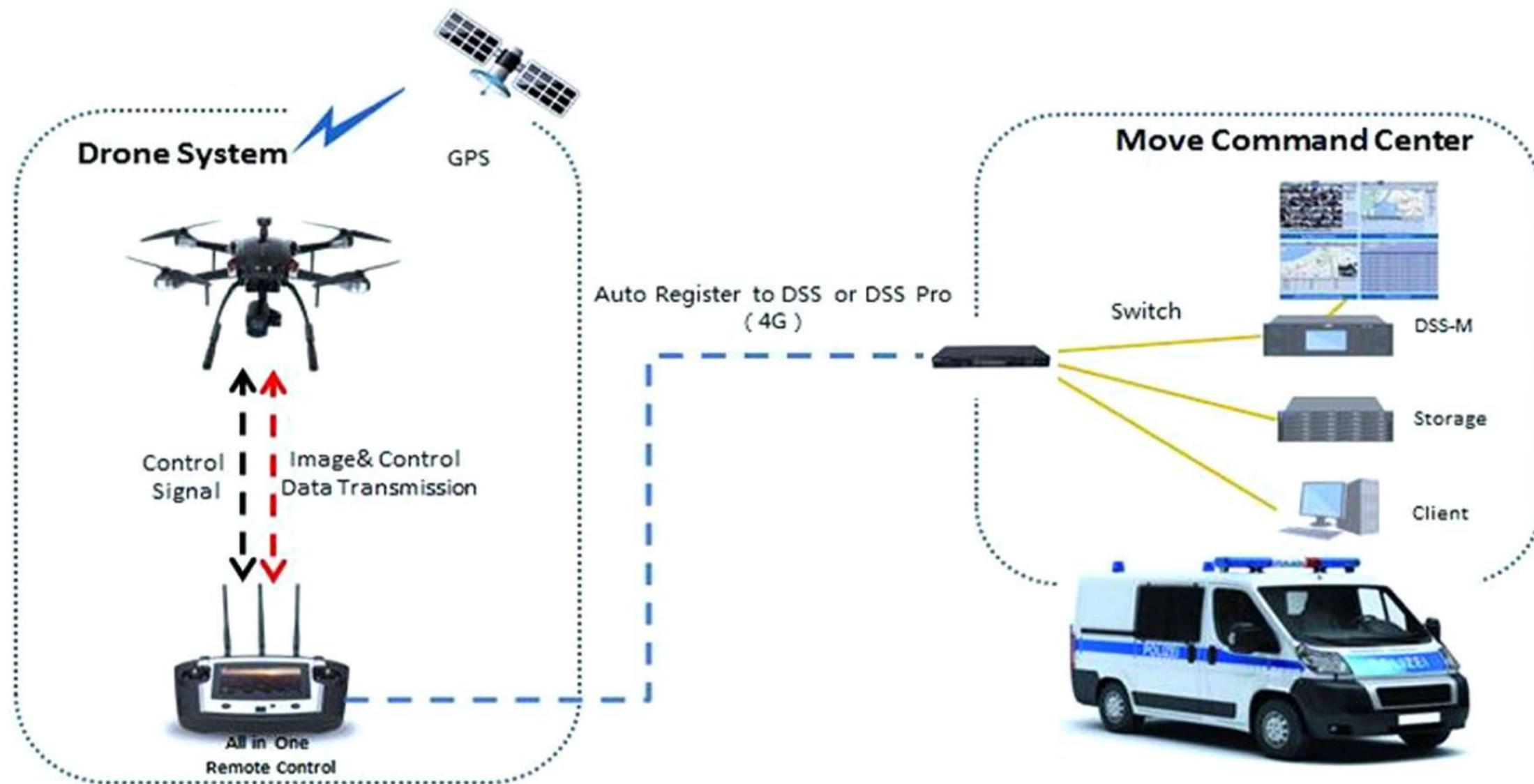
Visual Radar

Drone Technology (Unmanned Aircraft System) FLIR SkyRanger R70



- ◆ The SkyRanger R70 is an adaptable and resilient sUAS platform, delivering a wide range of payload capabilities with the agility and single-operator deployment footprint of a proven small UAS.
- ◆ The SkyRanger's 3.5kg carrying capacity, open payload architecture, and dynamic and responsive flight control, provides an unprecedented level of flexibility in a single VTOL UAS.
- ◆ The SkyRanger can be easily adapted in the field for all primary modes of UAS operation. No tools or engineers required.

Drone Technology (Unmanned Aircraft System) Dahua Drones



Drone Technology (Unmanned Aircraft System)

Dahua Drones

X820

Max Speed: 25m/s

Max Flight Time: 45min

Diagonal Distance: 940mm

Max Take Off Weight: 10kg

Max Data Transmission Distance: 10~3km

Satellite Positioning System: GPS/GLONASS/BEIDOU

Hover Accuracy (Relative Accuracy), Horizontal : $\pm 1.5m$,

Vertical: $\pm 0.5m$

Reinforced carbon fiber

Diagonal distance: 940mm

Battery: 22000mAh

Endurance: 45min

Max. Takeoff altitude: 5000m

Max. speed: 25m/s

Wind resistance: 15m/s wind speed

Operation radius: 10~3km



Drone Technology (Unmanned Aircraft System)

Dahua Drones

X1100

Max Speed: >20m/s

Max Flight Time: 41min

Diagonal Distance: 1100mm

Max Take Off Weight: >14kg

Max Data Transmission Distance: 10~3km

Satellite Positioning System: GPS/GLONASS/BEIDOU

Visual obstacle avoidance

Support RTK

Broken blade protection

Hover Accuracy (Relative Accuracy), Horizontal : $\pm 1.5m$, Vertical: $\pm 0.5m$

IP54

Reinforced carbon fiber

Diagonal distance: 1100mm

Battery: 27000mAh

Endurance:41min

Max.Takeoff altitude:5000m

Operation radius: 10~3km



Max. speed: 25m/s

Wind resistance: level 6

Drone Technology (Unmanned Aircraft System)

Dahua Drones

X1550

Max Speed: 15m/s

Max Flight Time: 60min

Diagonal Distance: 1550mm

Max Take Off Weight: 23.6kg

Max Data Transmission Distance: 10~3km

Satellite Positioning System: GPS/GLONASS/BEIDOU

Hover Accuracy (Relative Accuracy), Horizontal : $\pm 1.5m$,

Vertical: $\pm 0.5m$ X1550

Reinforced carbon fiber

Diagonal distance: 1550mm

Battery: 27000*2mAh/pcs

Endurance:60min

Max.Takeoff altitude:5000m

Operation radius: 10~3km



Max. speed: 15m/s

Wind resistance: 15m/s wind speed

Drone Technology (Unmanned Aircraft System)

Dahua Drones



6M 30X PTZ Camera

30X Optical Zoom
Video resolution
2592×2592 (6MP)



2M 30X PTZ Camera

30X Optical Zoom
Video resolution
1920×1080 (2MP)



Thermal Camera

16X Digital Zoom
Video resolution
640×512



4K PTZ Camera

30X Optical Zoom
Video resolution
4000×3000



2M PTZ Camera

40X Optical Zoom
Video resolution
1920×1080



Thermal Hybrid PTZ

Thermal Video resolution
512×640
Visible Light: 2MP
30x Optical Zoom

Premium Handheld Explosives Trace Detector FIDO[®] X4



- ◆ Detect a wide range of explosives at nanogram to sub-nanogram levels, including Nitroaromatics, Nitramines, Nitrate-esters, Nitrosamines, Plastic Explosives, Smokeless Powders, and Peroxides.
- ◆ Gain actionable intelligence through identification of threats in as little as ten seconds.
- ◆ Particulate sampling mode for high-throughput checkpoint or randomized screening; vapor sampling mode for handheld bottle and container liquid screening.



Infrared Thermography Solutions



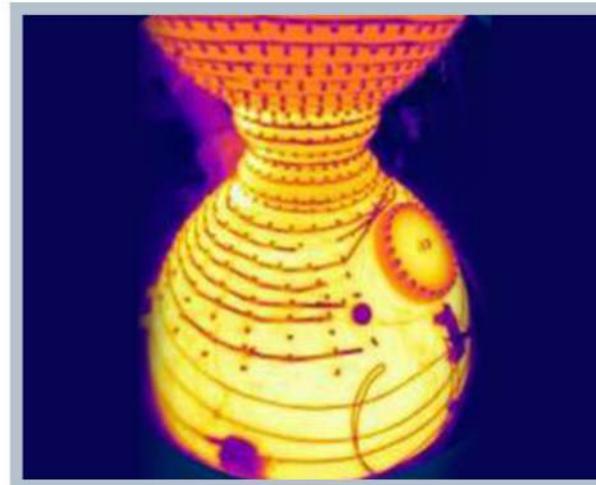
Electro-Mechanical Applications



Gas Leak Detection
Optical Gas Imaging (OGI)



Flare Monitoring System



Critical Equipment
Continuous Monitoring System

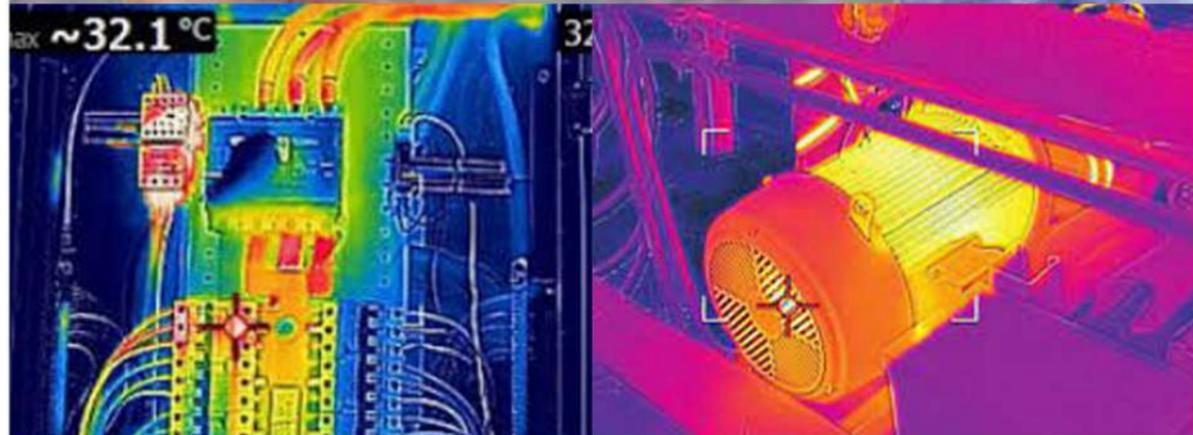
Infrared Thermography Solutions

Electro-Mechanical Applications

FLIR Infrared Cameras for Electrical & Mechanical Applications



- ◆ Prevent distribution system failure and breakdown by performing routine checks for signs of overheating, signaling a potential failure.
- ◆ Prevent motor breakdowns, pump failures, or valve leaks to avoid pollution, product or energy loss, and shutdown of equipment or a production line.



Infrared Thermography Solutions

Gas Leak Detection Optical Gas Imaging (OGI)

FLIR Optical gas imaging cameras



- ◆ Optical gas imaging cameras give you the power to spot invisible gases as they escape, so you can find fugitive emissions faster and more reliably than with sniffer detectors.
- ◆ With a FLIR G-Series camera, you can document gas leaks that lead to lost product, lost revenue, fines, and safety hazards.



Infrared Thermography Solutions

Gas Leak Detection Optical Gas Imaging (OGI)

FLIR QL320

is a tablet-based add-on for FLIR G-Series optical gas imaging cameras (GF/GFx/Gx models). It enables field engineers to measure the mass, volume, or concentration of hydrocarbon gas leaks—especially methane—without needing to touch or sample the gas, ensuring safer and more efficient leak detection.

Key Features:

- ◆ Instant quantitative results: Measures leaks in real-time—mass (g/h, lb/h), volume (cc/min, L/min), or concentration (ppm·m). Provides quick insight into fugitive emissions up to ~30m distance.
- ◆ Built-in analytics tools: Includes Δ -temperature screening, plume coloration, rolling average overlay, and data archiving with colorize video and raw outputs.
- ◆ Portable & rugged: Sun-readable 11.6" touchscreen tablet, dust/water-tight (IP65), MIL-STD-810G certified—ideal for outdoor industrial conditions.
- ◆ Connection flexibility: Works tethered directly during inspection or stand-alone in hazardous areas using "Q-Mode" for safe post-processing.
- ◆ High sensitivity & range: Detects small leaks (propane ~0.1L/min, methane ~0.3L/min) with accuracy $\sim\pm\%30$, and supports super-emitter mode for larger leaks; optimal detection from 1.5m up to 64m depending on lens.
- ◆ No secondary devices: Eliminates need for toxic vapor analyzers or manual sampling—measures from afar in one integrated workflow



Infrared Thermography Solutions

Flare Monitoring System



- ◆ To monitor flare pilot and stacks and detect internal burning process inside flare stack which may lead to tip damage.
Operators can then increase gas purging to stop such internal burning.
- ◆ Allows identification if Pilot Flame is on or off.
- ◆ Allows detection of temperature dropping, which may lead to turn flare off during steaming process, and alert operators to take necessary actions.
- ◆ Reads flare temperature remotely avoiding many of the technical and cost-related problems associated with ultraviolet (UV) flame detectors, flame ionization spectrometers, thermocouples, and pyrometers.



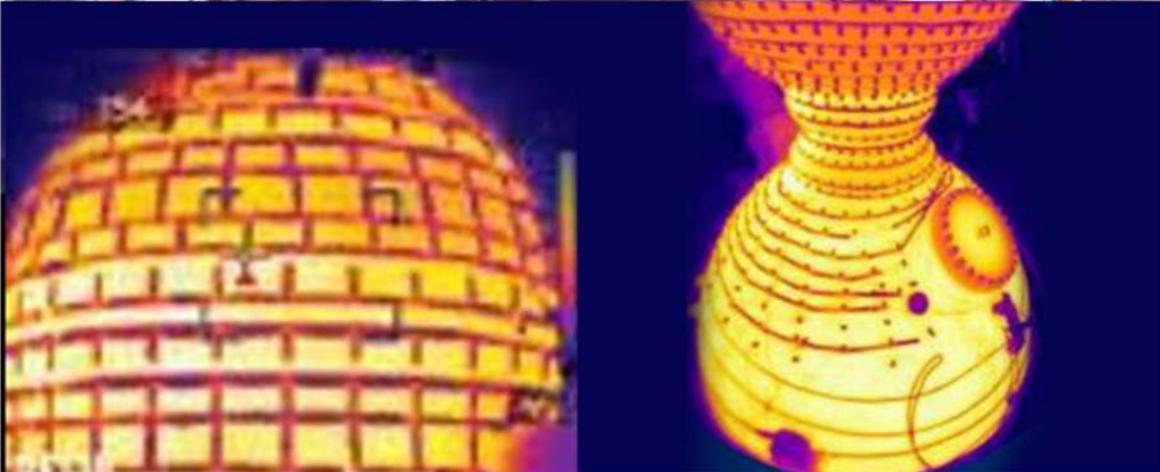
وسام الأنظمة
WESAM SYSTEMS

Infrared Thermography Solutions

Critical Equipment Continuous Monitoring System FLIR Flare Monitoring Systems



- ◆ Using automated infrared camera system to monitor critical equipment to help keep temperatures under control to avoid hazardous accidents.
- ◆ FLIR technology provides a full picture of potential problems, as well as the areas between thermocouples that are often missed.



وسام الأنظمة
WESAM SYSTEMS

Our Services



Supply, Design, Installation & Maintenance of Security & Surveillance Solutions



Infrared Thermography Inspection Services for Electro-Mechanical Systems and Gas Leak Detection



Infrared Thermography Services for Fired Heaters



Services for Fired Heaters Infrared Thermography Certification Trainings from ITC



Our Services

Supply, Design, Installation, Maintenance & Operation of Security & Surveillance Solutions

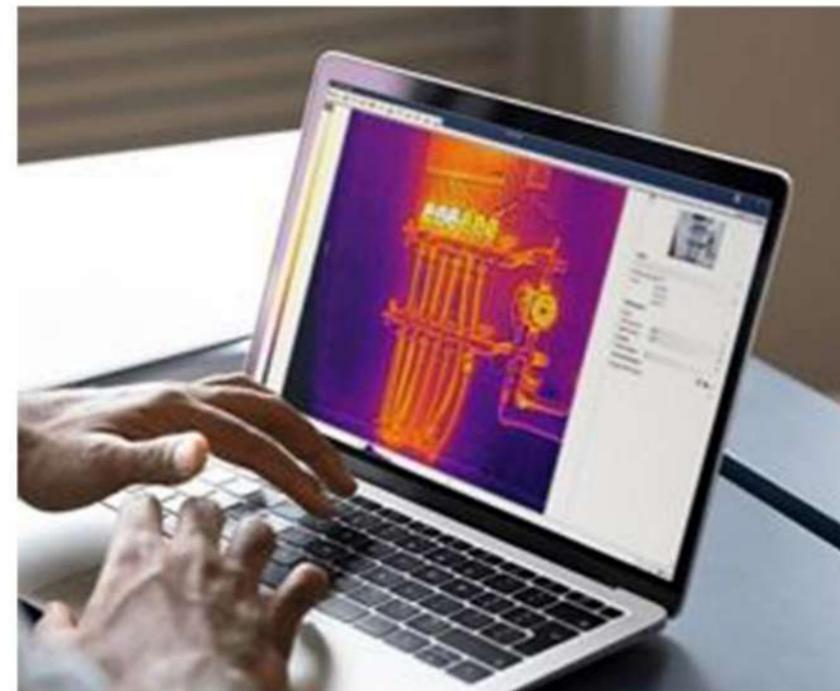


- ◆ We offer a full range of skills and support services to help you fully exploit the benefits of your investment in Security and Surveillance Systems.
- ◆ With our extensive portfolio and background experience from design, installation, maintenance and upgrade of CCTV surveillance systems throughout the KSA and the GCC Region, our technical team of highly certified and qualified engineers offer the most outstanding quality of services from design, installation, maintenance and operation support services to meet our client's demands and requirements.

Our Services

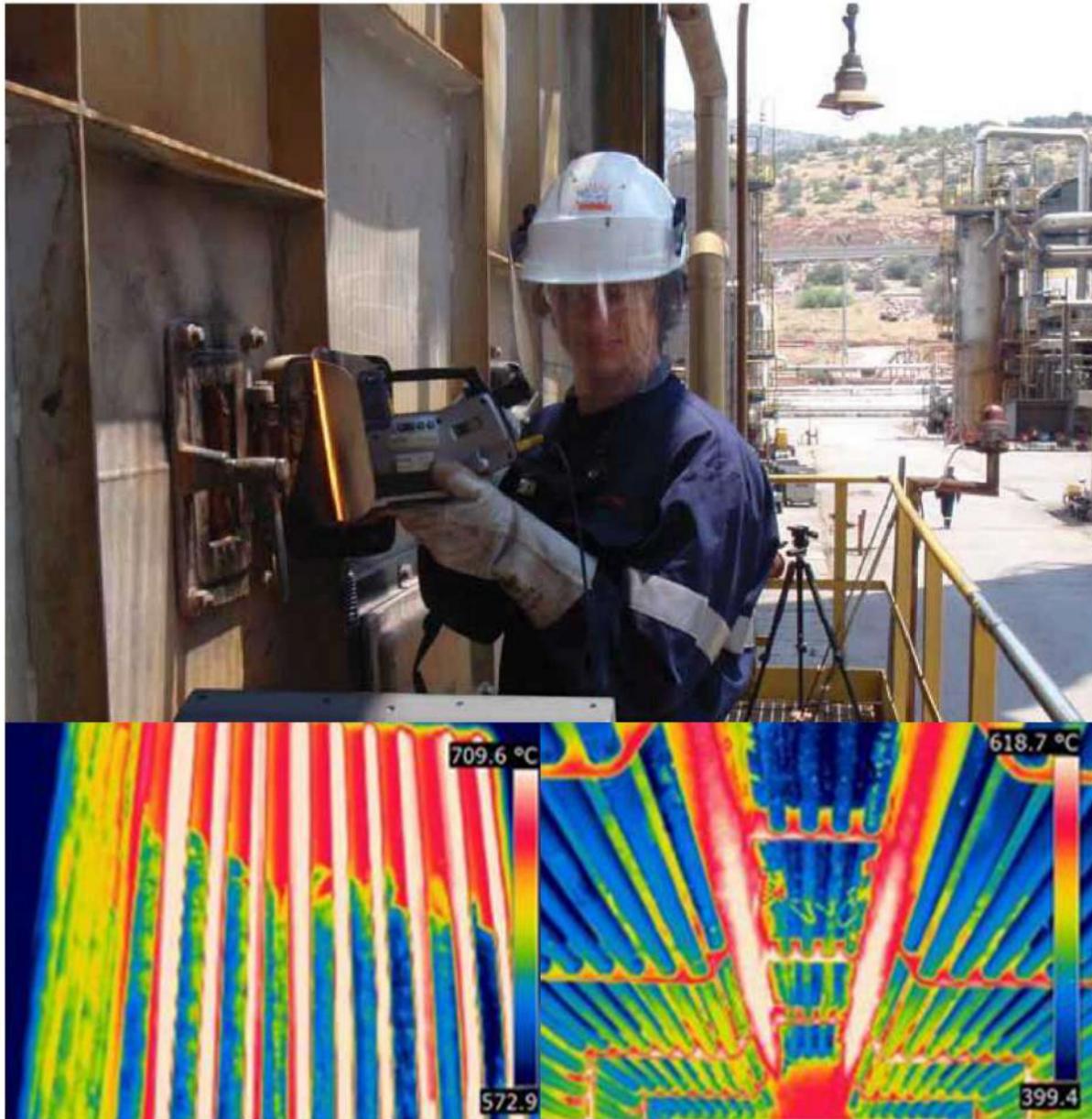
Infrared Thermography Inspection Services for Electro-Mechanical Systems & Gas Leak Detection

- ◆ Equipped with FLIR thermal imaging cameras, our team of highly qualified ITC Certified engineers and technicians deliver the most comprehensive IR thermography inspections reports with our highest quality analysis and image/video acquisition.



Our Services

Infrared Thermography Services for Fired Heaters



◆ In every refinery or petrochemical plant, fired heaters are the heart of the process. In partnership with Cronholm, we conduct thermography diagnosis on furnaces and fired heaters to detect conditions and possible issues such as:

- Coke buildup and other internal fouling
- Excessive scale and external fouling
- Burner problems
- Flame impingement
- Imbalanced heating
- Dry zones in tubes
- Thermocouple malfunction
- Tramp air inleakage in the firebox
- Inleakage of snuffing steam/condensate
- Afterburn issues
- Broken tube guides
- Defective hangers and supports

Our Services

Thermography Certification Trainings from ITC



Infrared Training Center & certificates

- ◆ The Infrared Training Center is the world's largest and leading infrared training and certification provider.
- Level I, II, and III Thermography Certification Courses.
- Optical Gas Imaging Certification Courses.
- Furnace Inspection Thermography Certification.
- Onsite Training Courses.
- Fully Online Courses.

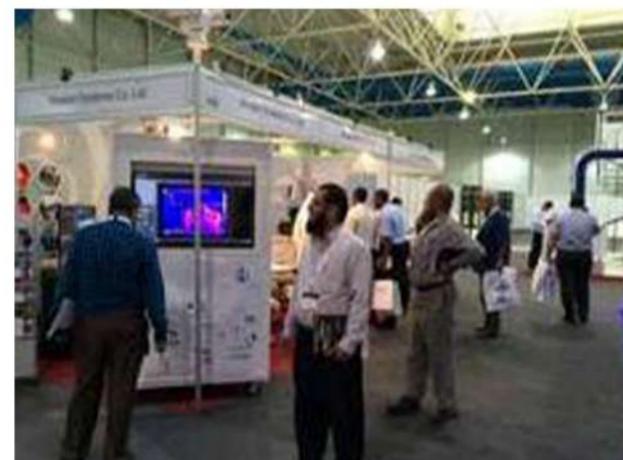


Events, Awards & Recognition

WESAM participates in Saudi Arabian Oil & Gas Exhibition – SAOGE - 2013



WESAM PARTICIPATES IN WEPOWER EXHIBITION - 2014



Events, Awards & Recognition

WESAM participates in SABIC Technical Meeting - (STM-2014 11) 2014



Events, Awards & Recognition

WESAM participates in Saudi Aramco Forums



NAOO 2nd Offshore Gas Fields Safety Forum

Ju'aymah, November 2017 ,29

Theme: High pressure/High-rate Big Bore Gas Wells: Lessons learned and way forward after one year of production

Saudi Aramco invited WESAM to participate and display its products/services relevant to offshore gas production and was attended by NAOO vice president, senior management & dept managers.

The forum aimed to bring together field engineers and industry experts in Gas Fields to exchange knowledge and experiences, as well as to enhance safety in NAOO offshore and onshore non associated gas surface & subsurface installations. This event was designed to be interactive, and included several engaging presentations from Saudi Aramco subject matter experts.



Events, Awards & Recognition



NAOO 3rd Offshore Gas Fields Safety Forum

Ju'aymah, December 2018 ,25-24

Theme: Big Bore Gas Wells; Risks and Mitigations

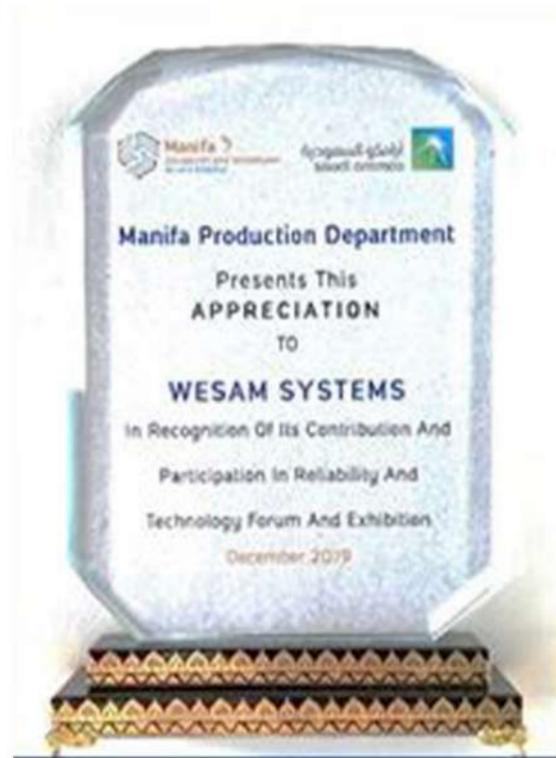
Saudi Aramco invited WESAM to participate and display its products/services relevant to forum theme. The event was attended by Upstream Sr. VP, Dr. Mohammed Y. Al-Qahtani and other Upstream Senior management.

This forum was an established opportunity to share and exchange knowledge and expertise between Operating departments and support organizations. In addition, it will enhance safety in NAOO offshore and onshore non-associated gas surface & subsurface facilities.



Events, Awards & Recognition

Manifah Reliability & Technology Forum & Exhibition Manifah Admin Complex, December 2019 ,10



Theme: Digitization, Data Analytics & Artificial Intelligence

Saudi Aramco invited WESAM to participate and display its products & technology to forum which was attended by SA Senior management.

WESAM demonstrated their technologies on:

- FLIR QL320 Quantitative Optical Gas Imaging System for Gas Leak Detection
- FLIR Automated Remote Flare Monitoring System (RFM)



Events, Awards & Recognition



- WESAM achieves recognition from FLIR Systems for the best growth in emerging markets for 2019.
- WESAM achieves recognition for high sales performance for FLIR THG and GF –Series Sales in the Middle East



Events, Awards & Recognition

Other Awards & Recognition



Our Partners

Security systems Brand & Manufacturers



Infrared Thermography Solutions and Trainings



Our Clients





شركة وسام الأنظمة التجارية
WESAM SYSTEMS CO. LTD

OUR PARTNERS



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