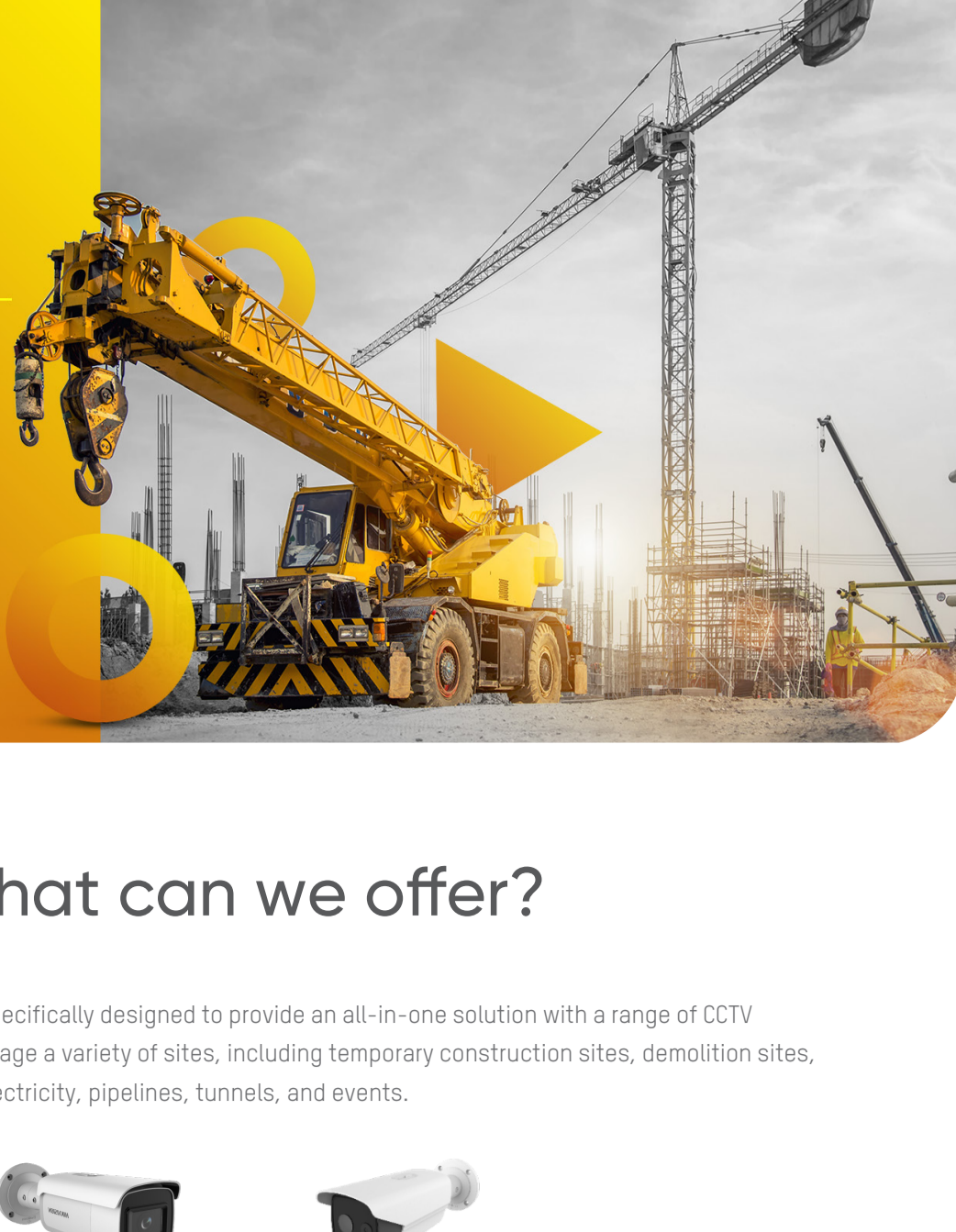


Mobile Tower Solution



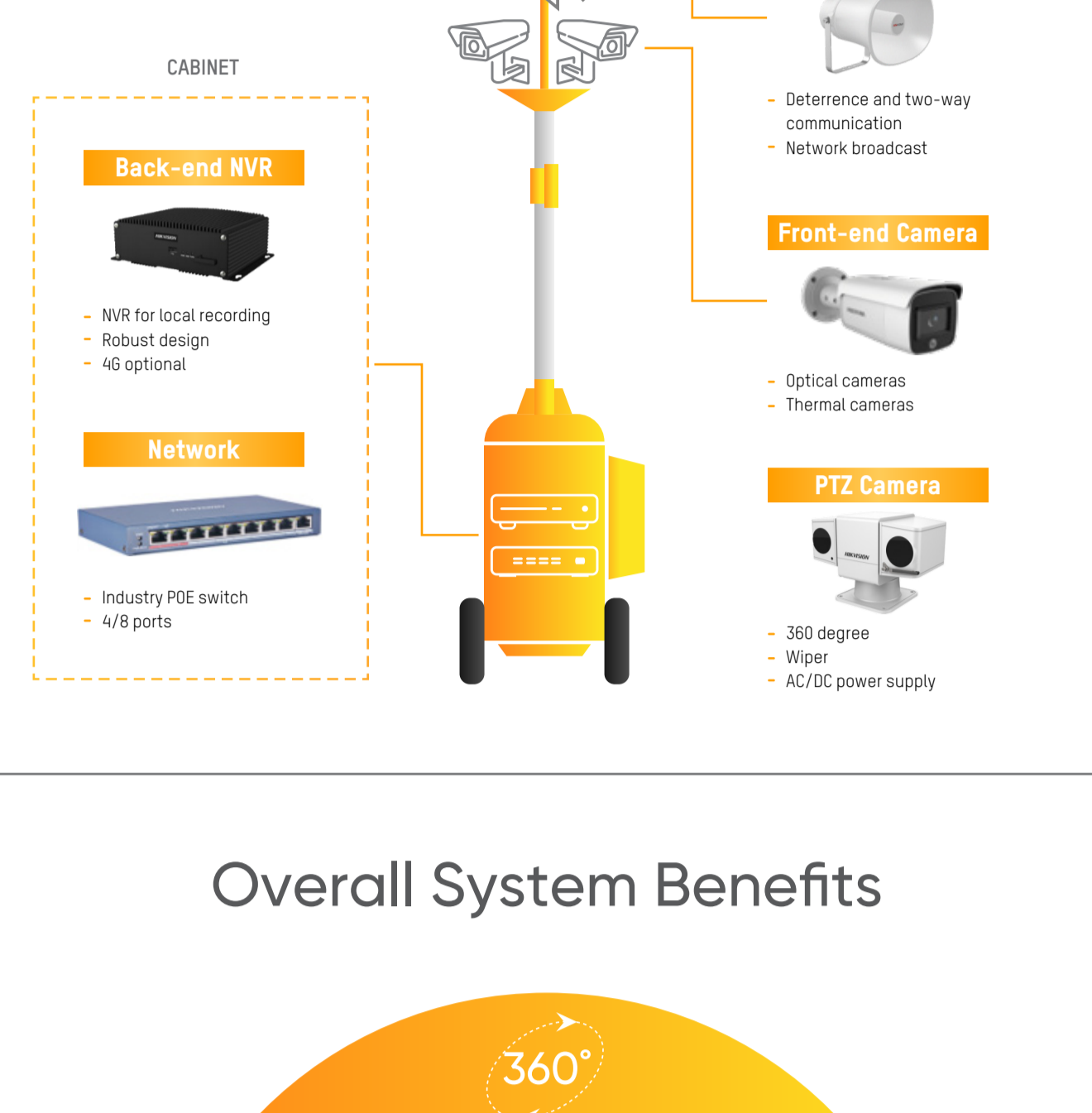
What can we offer?

Hikvision's Mobile Tower Solution is specifically designed to provide an all-in-one solution with a range of CCTV products for our local partners to manage a variety of sites, including temporary construction sites, demolition sites, highways infrastructure, utilities & electricity, pipelines, tunnels, and events.

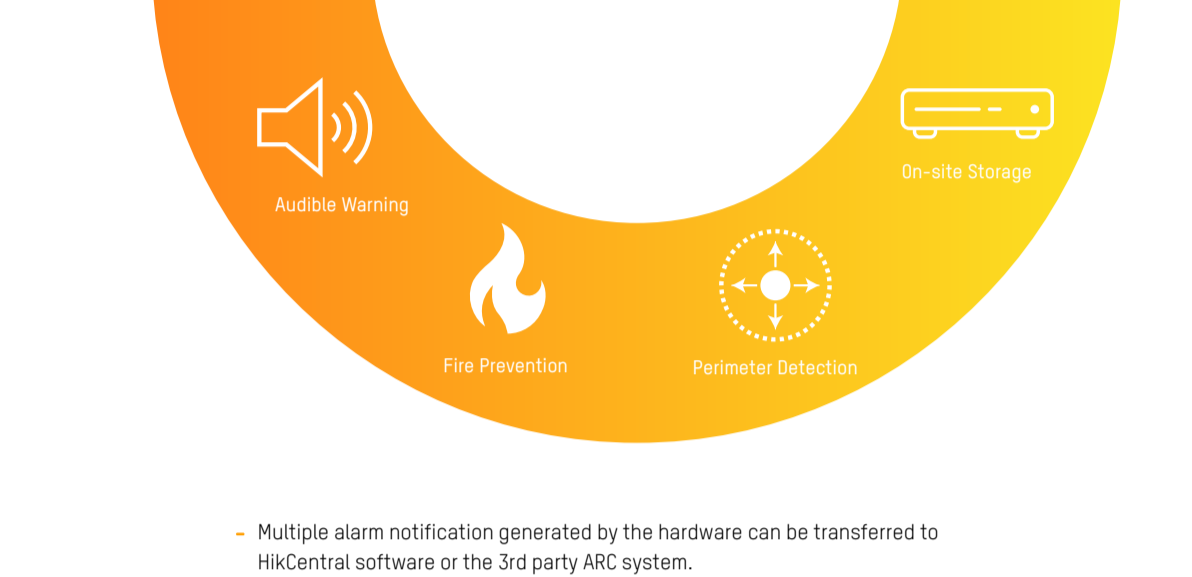


Solution Introduction

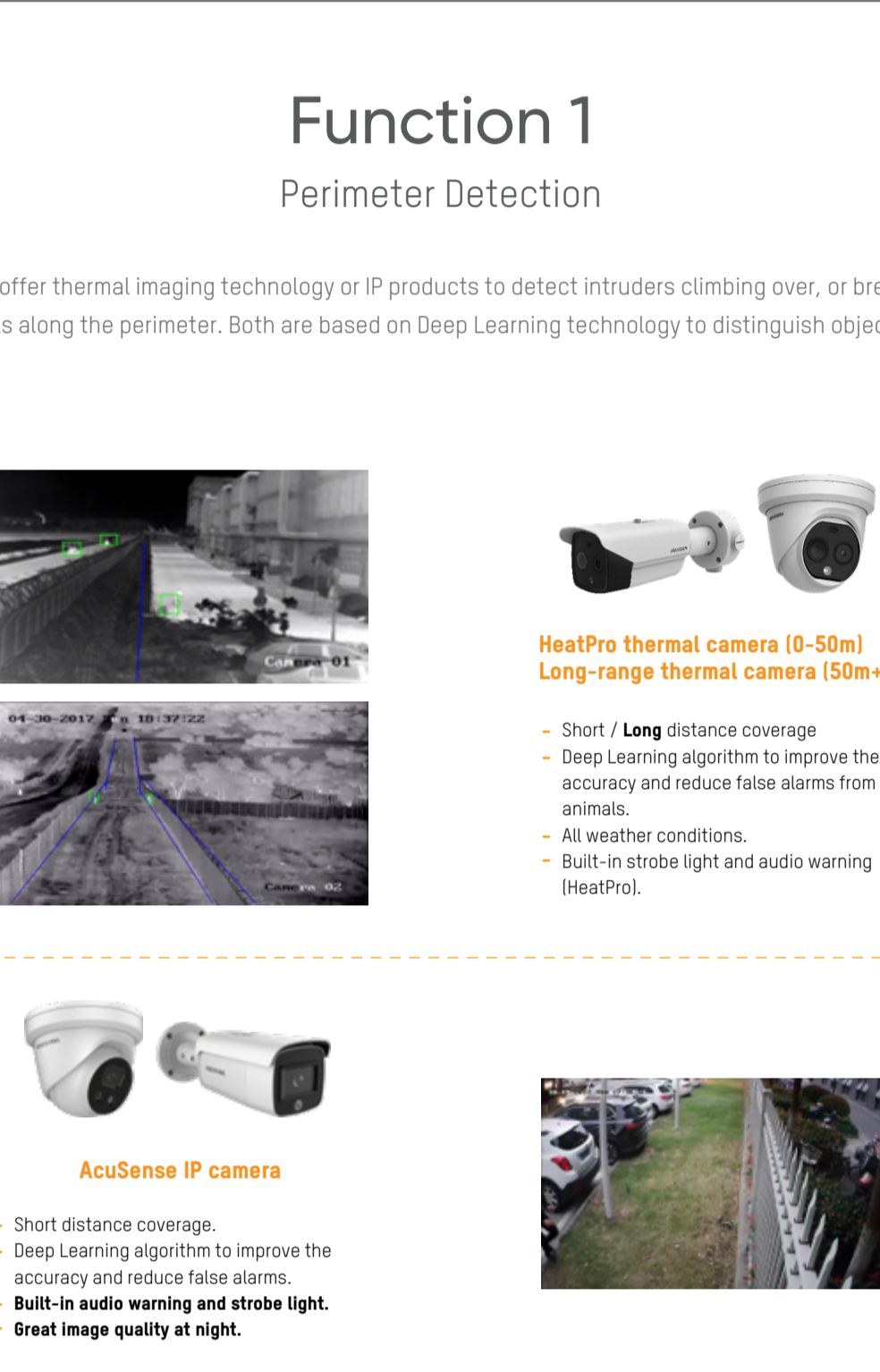
Solution Architecture



System Components



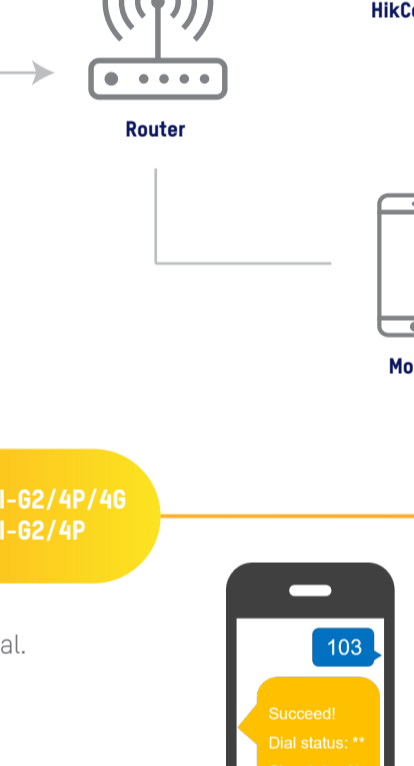
Overall System Benefits



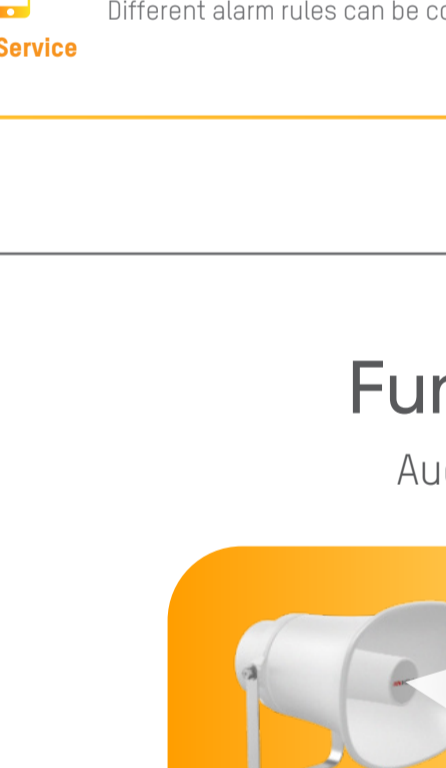
- Multiple alarm notification generated by the hardware can be transferred to HikCentral software or the 3rd party ARC system.
- Local storage on site with robust NVR.
- Variety of choices of IP camera to manage perimeter detection, covering short or long distances.
- Fire detection to prevent asset loss in advance.
- Live audio warning to address intruders.
- 360-degree PanoVu system to secure the site.
- Up to 4K resolution and great image quality.
- Two-way audio challenge.
- 3rd party ARC integration provides a quick response for any critical incident.

Function 1 Perimeter Detection

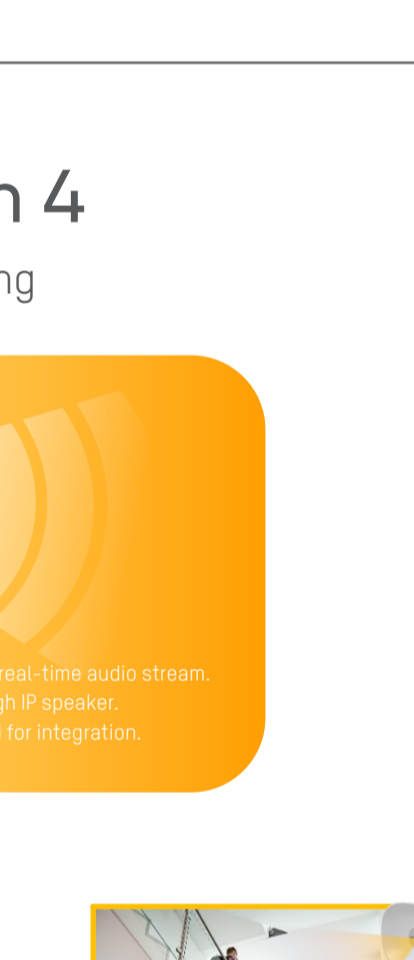
Hikvision can offer thermal imaging technology or IP products to detect intruders climbing over, or breaking through, fences or walls along the perimeter. Both are based on Deep Learning technology to distinguish objects, reducing false alarms.



- HeatPro thermal camera (0-50m) Long-range thermal camera (50m+)**
- Short / Long distance coverage
 - Deep Learning algorithm to improve the accuracy and reduce false alarms from animals.
 - All weather conditions.
 - Built-in strobe light and audio warning (HeatPro).



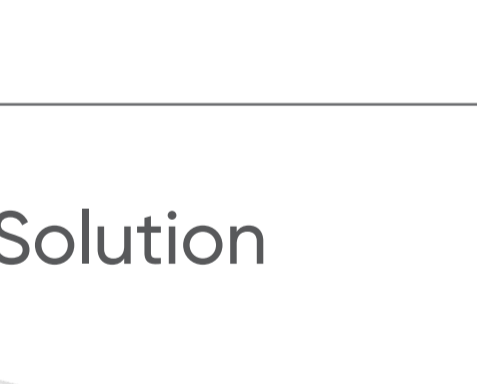
- AcuSense IP camera**
- Short distance coverage.
 - Deep Learning algorithm to improve the accuracy and reduce false alarms.
 - Built-in audio warning and strobe light.
 - Great image quality at night.



Function 2 Fire Prevention

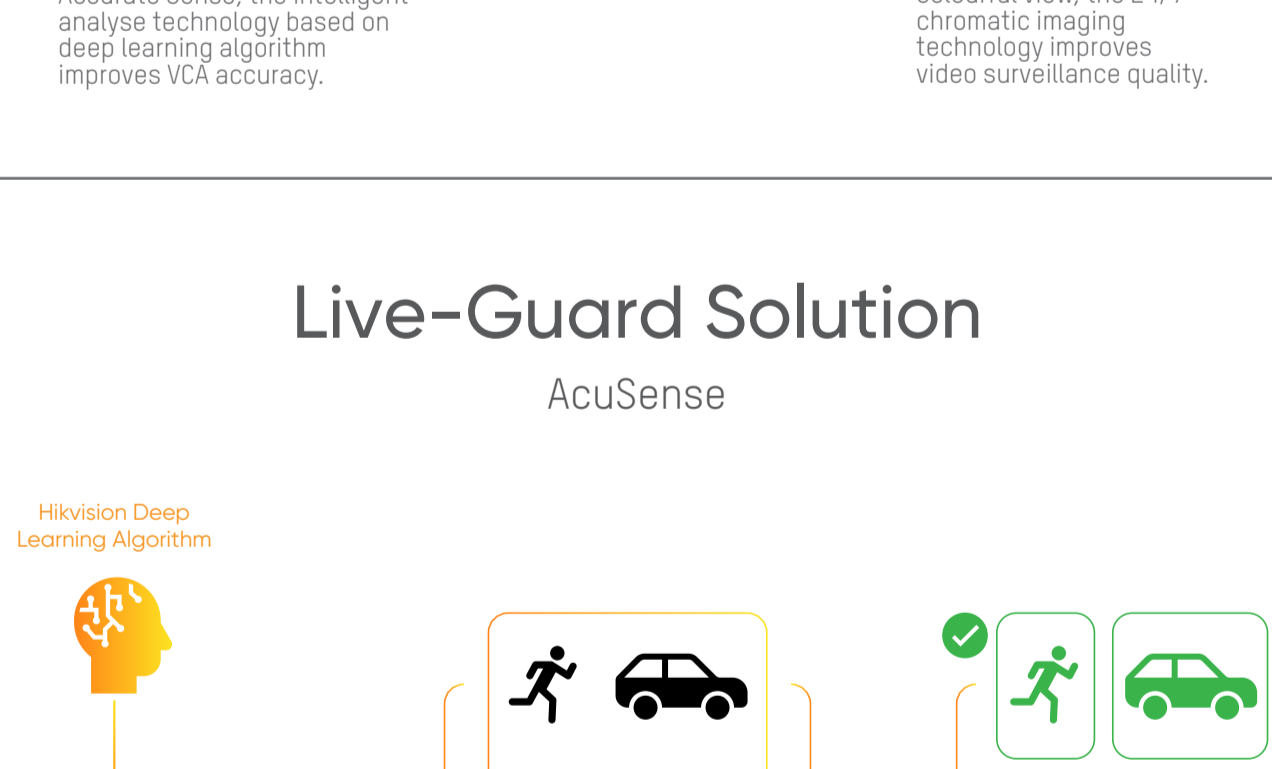


- PAIN POINTS**
- Higher risk for wooden building and lumber when a fire ignites.
 - Electrical equipment not turned off when employees finish a shift can cause a fire.



- ADVANTAGES OF THERMAL CAMERAS**
- 24/7 temperature monitoring of objects or areas.
 - Real-time alarm notification can be sent to the VMS or ARC system.
 - Configurable temperature threshold for early warning of a fire.

Function 3 On-site Storage



- Signal**: External waterproof antenna to enhance signal.
- SMS Service**: Alarm information through SMS.
- Data Service**: Data analysis and data alarming. Different alarm rules can be configured when the data usage meets a threshold.

Function 4 Audio Warning



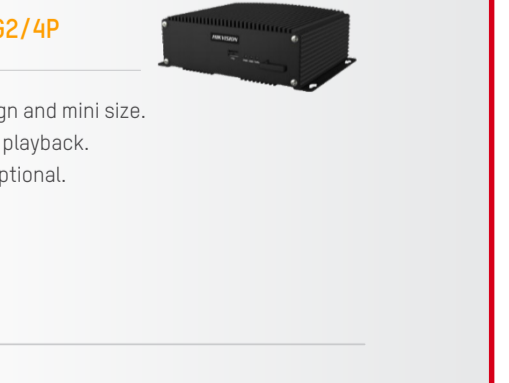
- Network broadcast: playing audio file or real-time audio stream.
- Supports remote intruder warning through IP speaker.
- Supports Session Initiation Protocol (SIP) for integration.



- Linkage between Event and Audio.
- When alarm is triggered by camera/NVR, the IP speaker automatically generates warning audio to deter intruders.

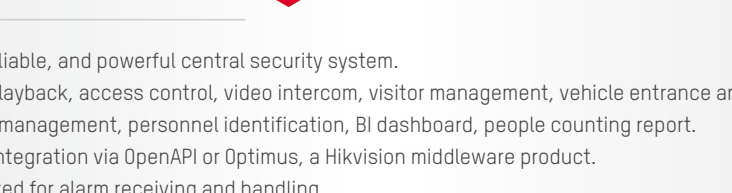


- One-way broadcast.
- Operators can talk via IP speaker, giving audio warnings.



- Audio plan.
- Operators can set specific audio plans for IP speakers to play audio on schedule.

Live-Guard Solution



AcuSense

Accurate Sense, the intelligent analysis technology based on deep learning algorithm improves VCA accuracy.

ColorVu

Colourful viewing, the 24/7 chromatic imaging technology improves video surveillance quality.

Live-Guard Solution

AcuSense

AcuSense is an intelligent video analysis technology based on Deep Learning algorithms. It detects targets and classifies them into human, vehicle, and 'other', which helps to produce reliable alarms for users.

Product Showcase

Thermal & Optical Bi-spectrum Bullet camera

DS-2TD2617-3/PA | DS-2TD2617-6/PA
DS-2TD2617-10/PA

- Thermal resolution: 160 x 120@25 fps.
- Optical resolution: 2688 x 1520@25/30 fps.
- Thermal focal length: 3.1/6.2/9.7 mm.
- Thermal FOV: 14.9° x 11.2°
- Optical focal length: 4/8/8 mm.
- Line crossing, intrusion, region entrance/exiting with human and vehicle filtering.
- Power: PoE (802.3af)/12VDC.
- Alarm I/O: 2 inputs and 2 outputs.
- Built-in strobe light and audio warning.
- Ingress protection: IP67.

Thermal & Optical Bi-spectrum Turret camera

DS-2TD23472-LSU/SL | DS-2TD1217-3/PA
DS-2TD1217-6/PA

- Thermal resolution: 160 x 120@25 fps.
- Optical resolution: 2688 x 1520@25/30 fps.
- Thermal focal length: 3.1/6.2/9.7 mm.
- Thermal FOV: 14.9° x 11.2°
- Optical focal length: 4/8/8 mm.
- Line crossing, intrusion, region entrance/exiting with human and vehicle filtering.
- Power: PoE (802.3af)/12VDC.
- Alarm I/O: 2 inputs and 2 outputs.
- Built-in strobe light and audio warning.
- Ingress protection: IP67.

AcuSense Camera

DS-2DV5225IX-DM(TS)

- Excellent low-light performance.
- Reduced false alarm, based on Deep Learning.
- Built-in microphone for real-time audio security.

ColorVu Camera

DS-2CD23472-LSU/SL | DS-2CD204762-LU/SL
DS-2CD214762-LSU/SL

- 4 MP
- 0.0005 Lux @ F1.0.
- 130dB WDR.
- AcuSense.
- IP67.

Positioning PTZ

DS-2D5225IX-DM(TS)

- 2MP, 1920 x 1080.
- 25X optical zoom, 16X digital zoom.
- DarkFighter.
- UP to 250m IR distance.
- Cable bottom entry.
- 4" PCD bracket adaptor.

Mini NVR

DS-7600NI-62/4P

- Robust design and mini size.
- Storage and playback.
- 4G version optional.

IP Speaker

DS-PA0103-B

- Audio warning and Network broadcast.

PoE Switch

DS-3E0105P-E(B)

- L2, Unmanaged, 10/100M RJ45 PoE ports, 1 10/100M RJ45 uplink port, 802.3af/at, PoE power budget, 300m long distance transmission, 6KV surge protection.

PoE Switch

DS-3E0109P-E(C)

- L2, Unmanaged, 10/100M RJ45 PoE ports, 1 10/100M RJ45 uplink port, 802.3af/at, PoE power budget, 300m long distance transmission, 6KV surge protection.

Software

HikCentral Professional [based on v2.0.1]

- Flexible, scalable, reliable, and powerful central security system.
- Supports live view, playback, access control, video intercom, visitor management, vehicle entrance and exit management, alarm management, personnel identification, BI dashboard, people counting report.
- Third-party system integration via OpenAPI or Optimus, a Hikvision middleware product.
- VSaaS plugin dedicated for alarm receiving and handling.
- Remote video patrol plugin dedicated for virtual guard tour.

License 1

HikCentral-P-ARC-VSaaS-Module

- For alarm receiving and handling scenarios.
- Enhanced alarm centre with SOP, alarm reports, alarm escalation, diverse alarm distribution modes to multiple operators, dedicated alarm view window to display alarm video.

License 2

HikCentral-P-Remote Video Patrols-Module

- For remote video patrol scenarios.
- Scheduled remote security patrol via cameras, with patrol SOP, records, etc.