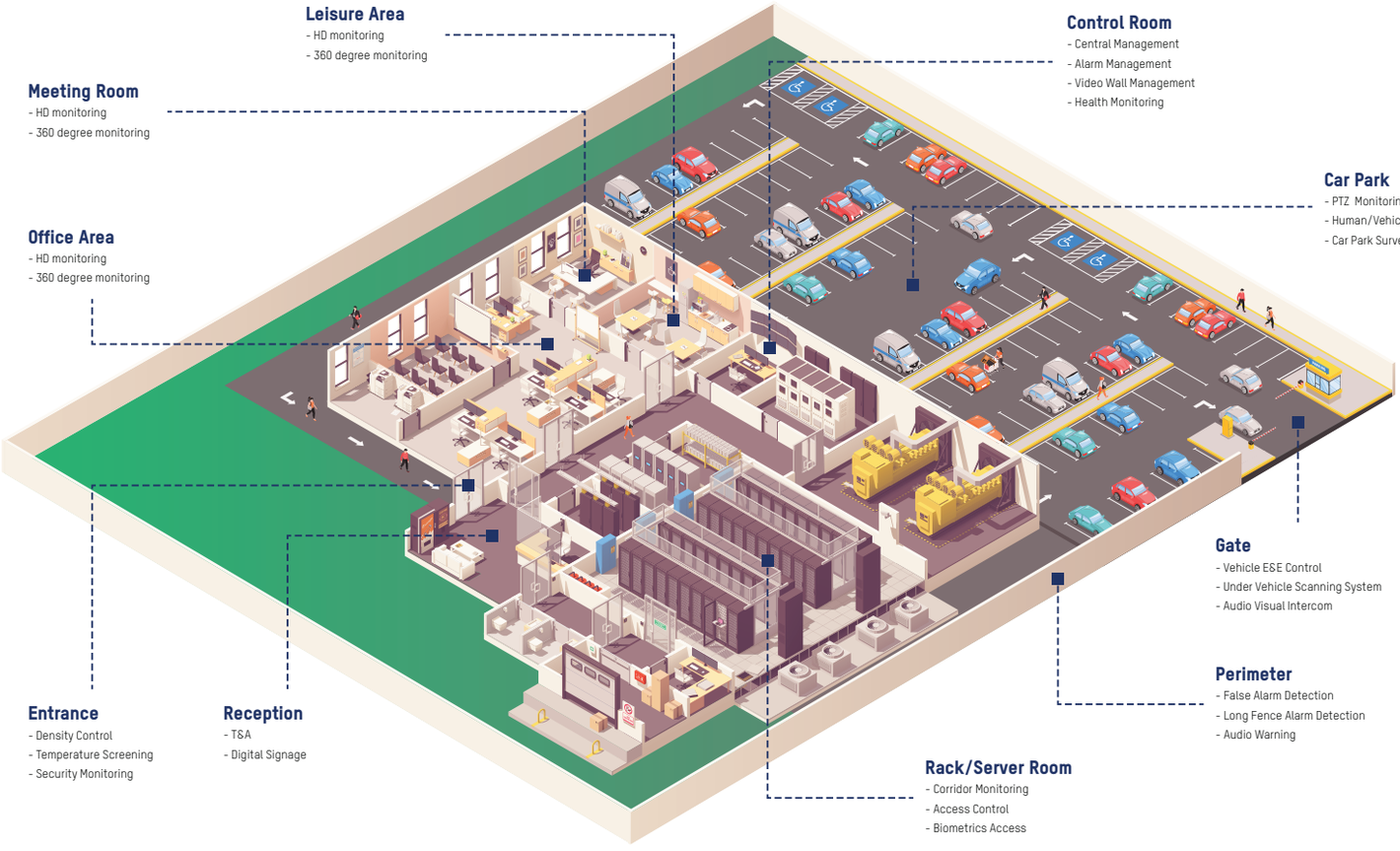
Solution Introduction

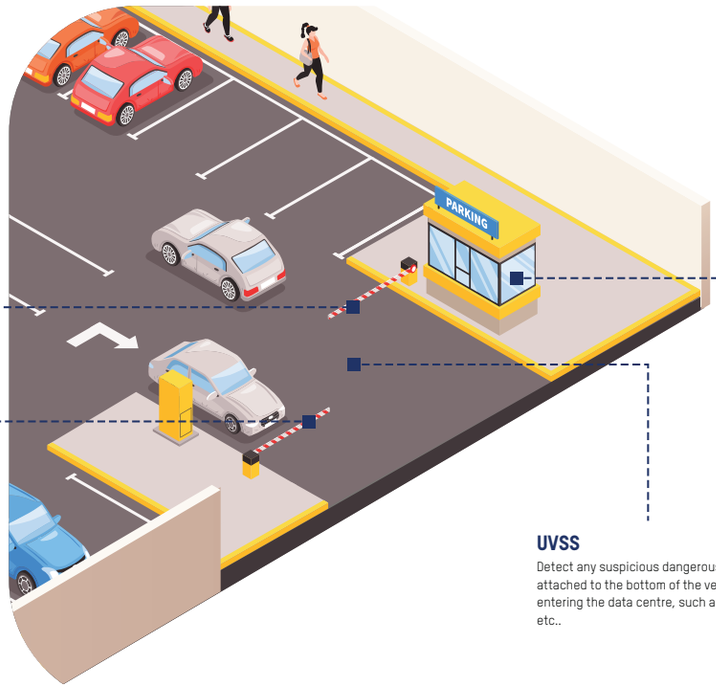
Hikvision's Data Centre Solution is designed to increase Data Centre safety to ensure that the assets and staff are safe, and meanwhile provide the VIP and staff management, vehicle and Density control management:



Applications

Gate

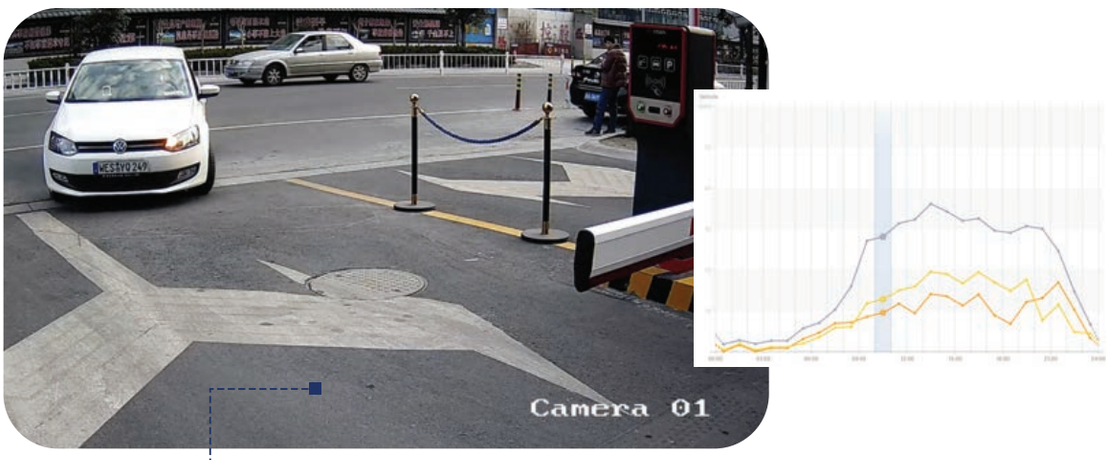
Vehicle Entrance & Exit Control



Vehicle Entrance & Exit Control
Recognize barred list vehicles and raise alarm for security team so that they can focus their attention on them.

Intercom
Enable communications with security team.

UVSS
Detect any suspicious dangerous objects attached to the bottom of the vehicles entering the data centre, such as bombs, etc..



ANPR Camera

Controls vehicle entrance and exit via number plate recognition.

- Number plate recognition and recording
- Automatically releases employee vehicles
- Warning on blacklist vehicles (barrier kept closed)
- Provides reports on passing vehicles

Gate

Intercom

Intercom

- Noise suppression and echo cancellation
- Low illumination
- Premium tempered glass
- Aerospace-grade aluminum

Gate

UVSS

Key Features

- Two options to cover most of applications, including Fixed version and Portable version.
- Ultra length/width inspection, high performance Linear Scan.
- Excellent Image Quality, FOV: Fixed: 180°, Portable: 170°, No hidden angles.
- Module design to make installation and maintenance much easier.
- IP rating protection level.
- Alarm notification for suspicious threat.

Main Entrance

Density Control

To enable social distancing, limit the number of people allowed inside.

Security Monitoring

The exterior door area of a data centre requires high-quality full coverage monitoring.

Temperature Screening

Check the temperature and mask status of incoming people.

Main Entrance

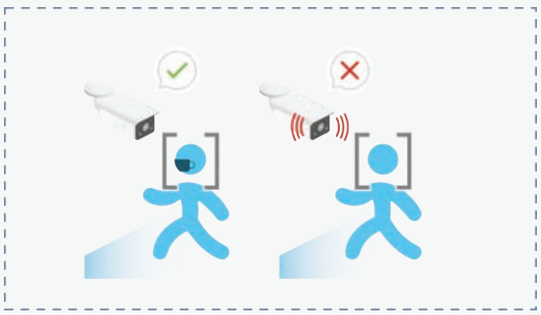
Density Control

People Counting Camera

- With people counting, can help you optimise staffing schedules and operations, use insights to precisely increase the number of staff during busy times to improve services, and then reduce staff during quieter times to increase your operating efficiency.
- Visitor flow control based on real-time number of people entering an area and keep social distance.

Main Entrance

Touchless Temperature Screening & Mask Detection



People Counting Camera

- High accuracy touch-free skin-surface temperature and mask detection, without the need for close physical contact.
- Fast temperature screening with elevated temperature alarm (pop-up image/audio warning).

Reception

T&A

- Simple operation and high efficiency
- Central management of attendance records and reports.

HD Monitoring

The reception area requires HD monitoring together with clear sound recording to record the conversations between customers and staff.

Digital Signage

Broadcast a range of useful information instantly or as scheduled.

Panoramic Monitoring

The reception area is a large interior space. Instead of deploying multiple cameras, a simpler and easier solution using just one panoramic camera can cover the whole area without blindspots. Using one discreet camera can also help reduce any discomfort or negativity people may feel when they are surveilled by multiple cameras.

Reception

Advertising Display

Digital Signage

- Shows advertisments and release notices.
- Easier to install and change than conventional advertising.
- Supports displaying video, animation, images and texts.
- Personalised layout with multiple content blocks.
- Free management software.
- Display schedule can be set by the hour, day, or week.

Reception

Time & Attendance

Pro Series Access Control

Time attendance. Send attendance reports to your email automatically.

- Get attendance report at fingerprint terminal locally or on software remotely
- Access control function, release door on Hik-Connect App remotely
- Time attendance status display (Check in/out, Break out/in, Overtime in/out)
- Elegant appearance with high quality
- Standalone IP based terminal

Meeting Room

Smart Meeting

Meeting Room

Panoramic Monitoring

Fisheye Camera

One camera installed at the center of the ceiling to cover the whole office.

- Various expansion modes to present the panoramic view in conventional way of displaying
- High definition provides good image and details
- Fewer cameras means less installation and reduced labour cost

Server/Rack Room

Corridor Monitoring

- Corridor mode configurable on various of High-res IP cameras.
- Dual-direction PanoVu camera with two adjustable lens.

Biometrics Access

Provides high security and assurance. Everyone has a unique set of biometrics that helps verify idendity in a fast and convenient way.

Access Control

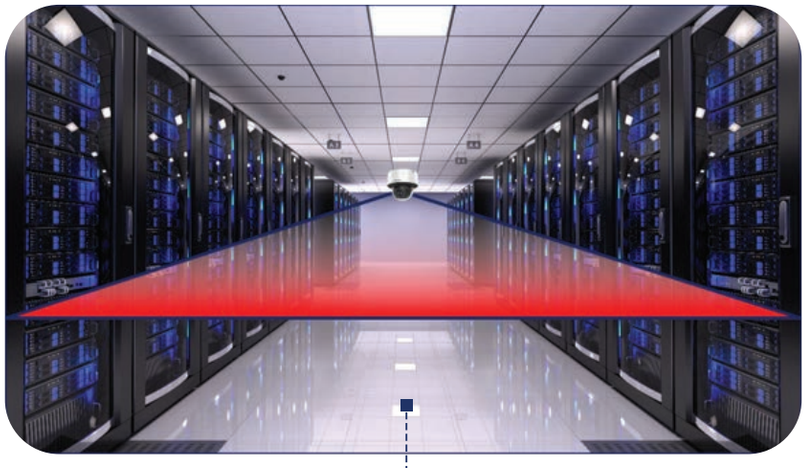
Advanced technologies to secure your data, including interlock, anti-pass and first card, etc.

Temperature & Fire Monitoring

Real-time monitoring of wires and electrical components in the rack/server facilities to safeguard the assets.

Server/Rack Room

Corridor Mode

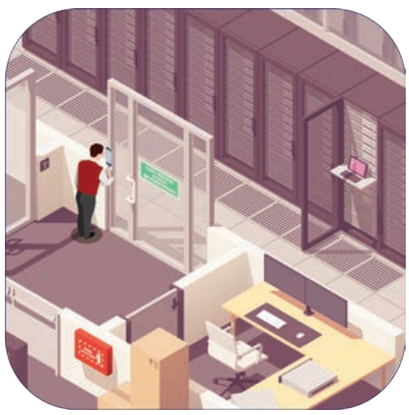


Corridor Mode

Corridor mode makes the camera great for settings to suit narrow situations, such as hallways, rack room, tunnels, alleyways and modes of transport such as trains.

Server/Rack Room

Biometric Access



Biometrics

- High security and assurance – Biometric identification helps to provide identity verification.
- User Experience – Convenient and fast.
- Non-transferrable – Everyone has access to a unique set of biometrics.
- Spoof-proof – Biometrics are hard to fake or steal.

Server/Rack Room

Access Control

Access Control Terminal

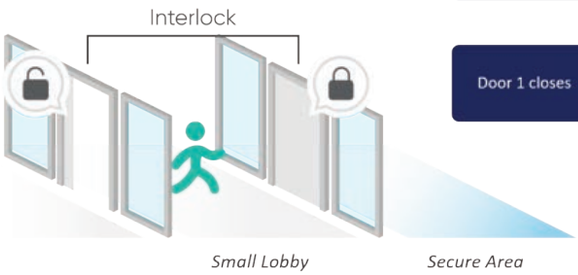
Protect storage room environments and assets from threats.

With a Hikvision access control system, you can prevent illegal break-ins and can get real-time notifications of unauthorised access attempts. Because the access system can be linked to a camera, you can view video footage of the incident for full situation management.

With Manager

Staff arrive, but cannot open the door. → Manager swipes his card. → Door activated for staff. → Staff's cards are now activated.

Preventing tailgating



Wants to enter a secure area → Door 1 opens → Enters the small lobby → Door 1 closes → Ensures nobody else in the small lobby → Door 2 opens → Enters the secure area → Door 1 closes

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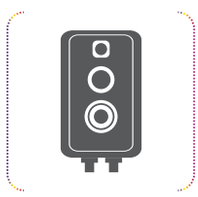
Server/Rack Room

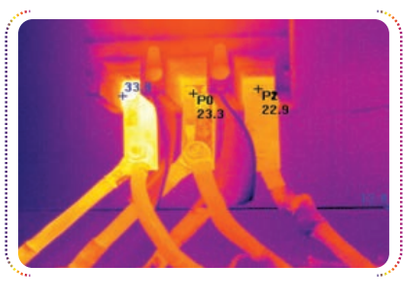
Temperature Monitoring

Server Rack

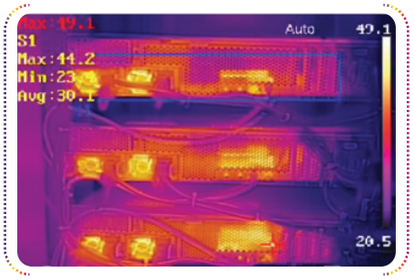


Thermographic Cube Camera

- Designed for narrow spaces offering an accurate temperature measurement to protect wiring cable and electrical components, especially equipment in disrepair which might become a fire hazard.
- Variety of installation methods to fit the customer's requirement.



Normal view



Thermal view

Magnet Mount

Wall-Mount

Vertical-Mount

Car Park

Human/Vehicle Tracking

High accuracy to track any movement in the public area inside the car park and detect any suspicious destruction

HD Monitoring & ANPR

Monitor parking spaces to provide evidence in the event of incidents such as vehicle accidents, thefts, and more.

Band management can utlise anpr technology to manage and enforce vehicle parking permission and duration

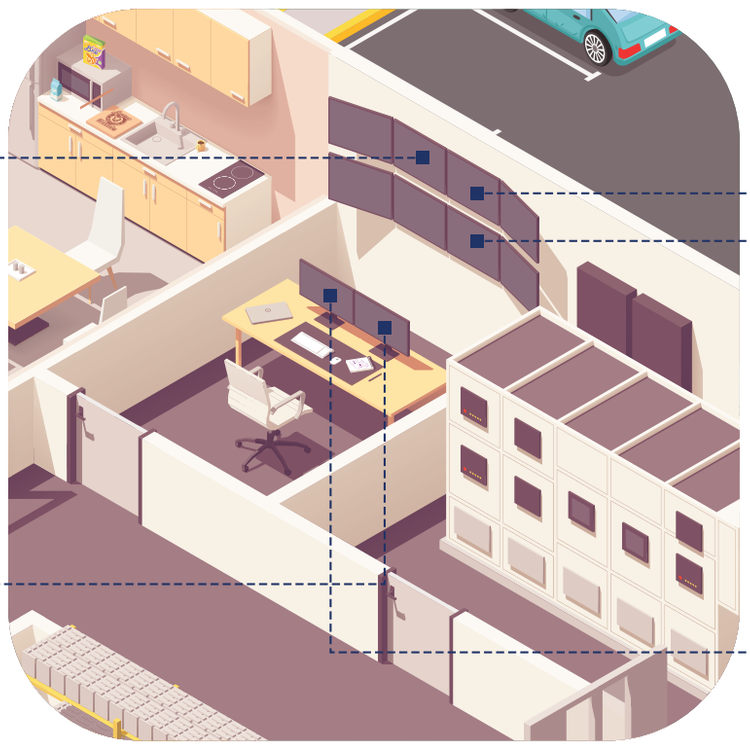
Darkfighter PTZ

Captures bright and clear images even in ultra-low-light environments by combining infrared and visible light.

- Processes colour and brightness indepentently, outputting one full colour image.
- Efficient H.625 technology saves on bandwidth and storage
- Monitor parking spaces to provide evidence in the event of incidents such as vehicle accidents, thefts, etc.
- PTZ cameras can provide a flexible people tracking function to keep a watchful eye over any suspicious individuals.

Control Room

Central Management



Video Management
Security staff can manage the CCTV system in the control room.

Smart Video Wall
Important video channels as well as alarm linkage channels can be displayed on the large screens for a n expanded view, providing more details for more efficient central command management.

Evidence Management
A simple process to search / download evidence based on evidence type, unique ID number or date/time from SFTP server locally or remotely.

Alarm Management
If there're intrusions, emergency alarms, etc., alarm signal will be sent to the control room. Operators in the control room will verify the alarm and take reactions to handle it if real alarm.

Health Monitoring
Inspect the system status and display error items intuitively so that operators can have a grand view of the system running status and find problems in time to fix them. Thereby, the system can always run healthy.

HikCentral is completely centralised to achieve vast integration capabilities and deliver more powerful solutions.

When there is an abnormal event, alarms can guide you to the related video, picture and its location (map), which helps you check what and where it's happening.

Central Video Monitoring

Event & Alarm Management

Health Monitoring

HikCentral is completely centralised to achieve vast integration capabilities and deliver more powerful solutions.

When someone has an elevated temperature or is not wearing a mask, event & alarm management can guide you to the related video, picture and its location via map, allowing appropriate responses to be initiated.

Ensures your surveillance system operates normally. Improves the efficiency of system maintenance instead of using manual manpower.

Control Room

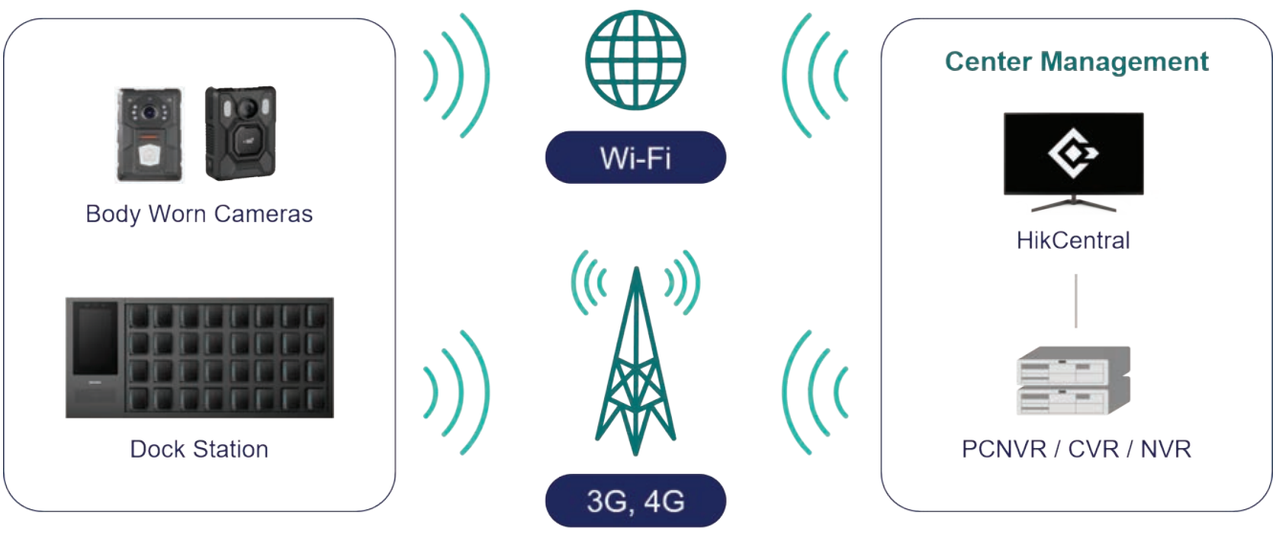
Smart Video Wall

Features

- Flexible monitoring and accommodating a low bandwidth scenario.
- Alarm pop-up onto smart wall.
- Automatically calling certain views by schedule.
- Desktop feeds displayed on Smart Wall.

Control Room

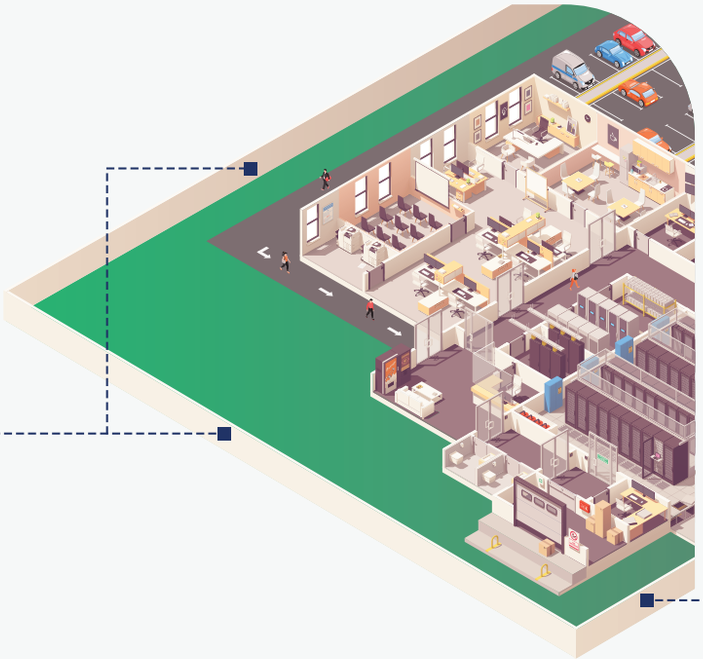
Lone Worker



Perimeter & Fencing

False Alarm Reduction

Traditional video-based intrusion detection can be impacted by false alarms caused by movement from animals, the effect of changing light, trees swaying in the breeze, shadows moving, etc. False alarm reduction technology utilises AI technology to analyse the scene, leaving only genuine alarms caused by humans and vehicles.

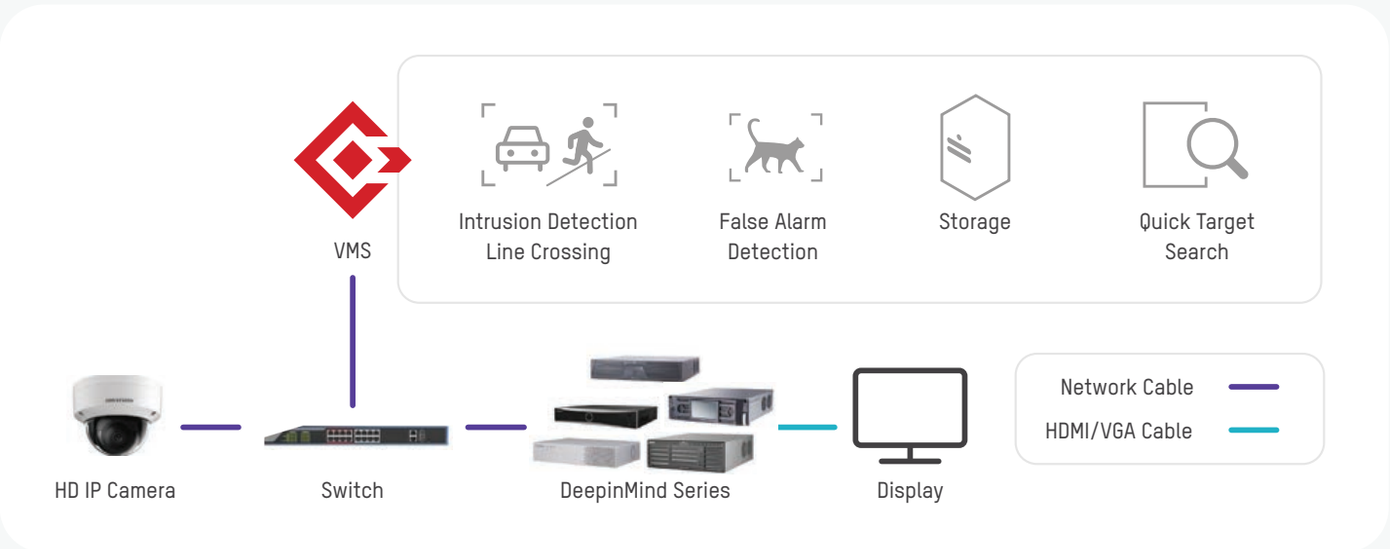


Audio Warning

Provide a real-time warning system and a proactive deterrent.

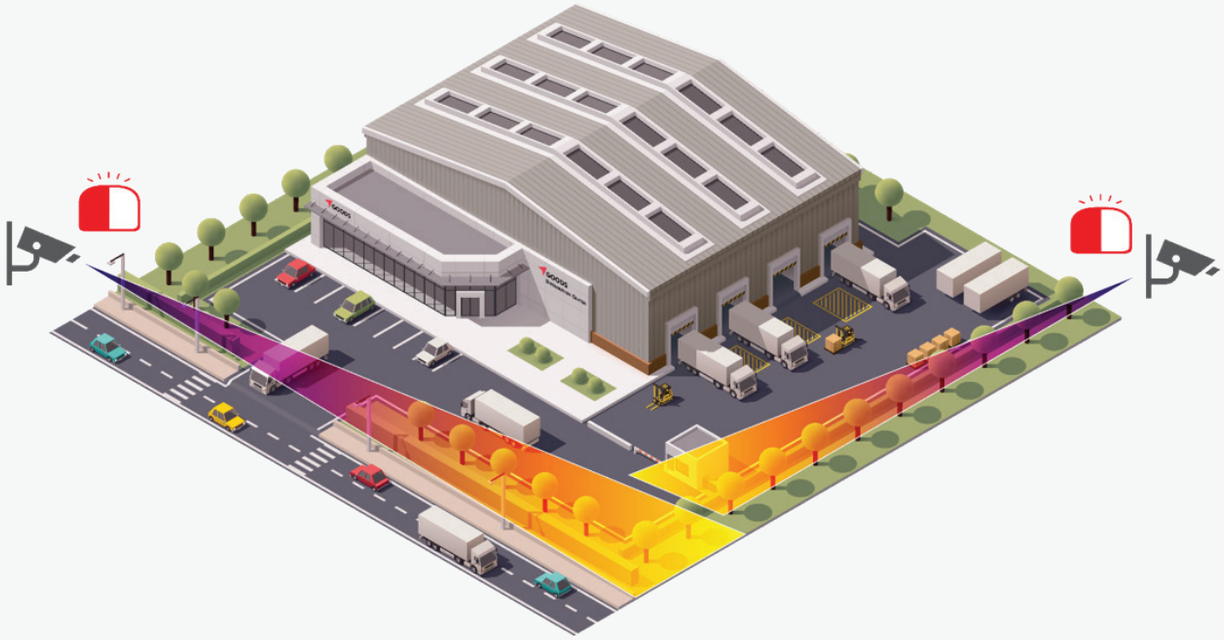
DeepinMind NVR

- Receives intrusion and line crossing detection information from cameras, and identifies humans and vehicles in the video to reduce false alarms
- Saves on costs and time compared with conventional CCTV systems



Perimeter & Fencing

Long Fence Alarm Detection



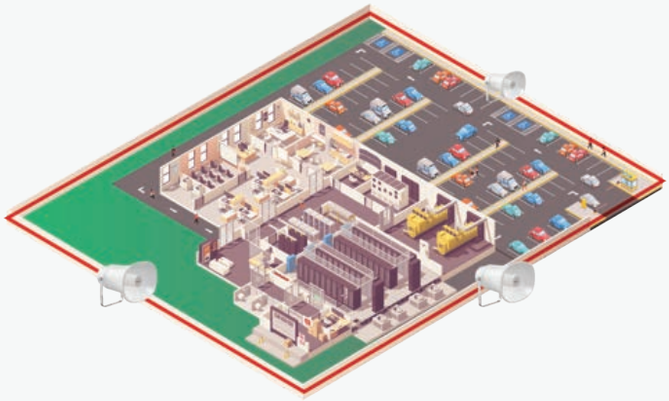
Based on unmatched infrared radiation detection, thermal cameras are rarely affected by the environment and capable of triggering alarms in ultra long distances.

For example, thermal cameras with 35mm lens can trigger VCA alarms for humans up to 245m.

Perimeter & Fencing

Video & Audio Convergence

Our Video & Audio Convergence Solution uses both CCTV and audio technology to provide a real-time warning system and a proactive deterrent.



Benefits

- Fast deployment.
- Fast audio warning reaction when alarm is triggered.
- Loud broadcast volume.

Product Showcase

Multiple alarm rules can be configured, helping to save on manpower.
Provides alarm notification for operators in order to improve efficiency.
Saves time wasted on handling false alarms.

- Pop-up video on control client, video wall, and mobile app, email and siren alerts, etc.
- Displays alarm list, alarm linkage video and alarm location together in a window

HikCentral Professional Platform

Ultra Face Recognition Terminal DS-K1T671TMFW

Pro Series Access Controller DS-K2600T

Fixed UVSS MV-PD-030001-02

Portable UVSS MV-PD-030001-03

Dual-lens People Counting Camera DS-2CD6825G0/C-I(V)(S)

Digital Signage Box DS-D60B-C

Darkfighter PTZ DS-2DF8425IX-AELW

Fisheye Camera DS-2CD63C5G0-I(V)(S)

2MP ANPR Camera DS-2CD7A26G0/P-IZ(H)S

DeepinMind NVR iDS-9632NXI-I8/BA

Thermographic Handheld Camera DS-2TP21B-6AVFW

Thermographic Bullet Camera DS-2TD2636B-15/P
DS-2TD2636B-13/P
DS-2TD2637B-10/P

Thermographic Bullet Camera DS-2TD2617B-3/6PA

Thermographic Turret Camera DS-2TD1217B-3/6PA

Thermographic Cube Camera DS-2TA21-2AVF DS-2TA21-3AVF

Magnet Mount / Wall-Mount / Vertical-Mount

IP Speaker DS-PA0103-B

Body Worn Camera DS-MCW405 DS-MCW47

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