



**HIKVISION<sup>®</sup>**

**A SAFE HARBOR  
IN AN OCEAN OF THREATS  
SMART PORT & MARITIME  
SOLUTION**

# WITH HIKVISION AS YOUR PARTNER, YOU WILL STAND ON A SOLID FOUNDATION.





Hikvision is a world leading provider of security products and solutions. Featuring an extensive and highly skilled R&D workforce, Hikvision manufactures a full suite of comprehensive products and solutions for a broad range of vertical markets. In addition to the security industry, Hikvision extends its reach to smart home tech, industrial automation, and automotive electronics industries to achieve its long-term vision. Hikvision products also provide powerful business intelligence for end users, which can enable more efficient operations and greater commercial success. The outstanding capabilities and performance of Hikvision in the security and video surveillance industries have been recognized by leading analyst firms and global awards.



From the early digital age to today's intelligence era, we have seized every opportunity to advance the industry with our innovative technologies.

Hikvision's core technologies include: visual perception, cloud storage, big data, cross-media perception and reasoning, video codec, streaming media networking and management, audio and video data storage, embedded systems development.

As the pioneer in AI technology, Hikvision established an algorithm team for AI technology research in 2006. During this decade, Hikvision first launched deep learning-based servers then expand to a comprehensive range of AI products in 2016. Based on the continually researches and practices, Hikvision developed the AI Cloud structure and ranked No.1 in various global Artificial Intelligence contests.

 <p><b>7-8%</b> Annual Revenue invested in R&amp;D</p>	 <p><b>8</b> R&amp;D Centers Worldwide • Montreal, Canada • London, UK</p>	 <p><b>16,000+</b> R&amp;D Engineers among 34,000+ employees</p>	 <p><b>2,800+</b> Patents Over 900 added in 2018 alone</p>
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## A GLOBAL BRAND WITH A LOCAL PRESENCE

The customer comes first at Hikvision. Long-lasting partnerships are fostered as Hikvision works with its customers to identify their needs and provide solutions that support their success. Hikvision continues to expand into new areas and markets and currently has 21 regional offices in countries around the world. 65% of Employees in Hikvision's International Business Department are locals working in their native regions. Hikvision's support team of regional sales managers, sales engineers, and technical service personnel all share the same goal of helping customers with their individual needs.



## EXPLORE VERTICAL SOLUTIONS TOGETHER WITH HIKVISION

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As a solution partner with the world's largest CCTV equipment provider, you will enjoy:

- Platform/software integration support
- Extensive customization support
- Local support by Hikvision overseas subsidiaries
- Technical project support from Hikvision's R&D
- Possibilities for co-marketing cooperation
- New product/solution introduction
- New product demo support
- Yearly site visit for technology/product exchange
- Information Sharing via Solution Partner Platform



## SMART SOLUTION FOR PORT & MARITIME

The importance of security in seafaring trades is matched only by its urgent vulnerabilities. And with the number of seaport shipments annually extending well into the millions, only a small fraction are individually inspected. Hikvision aims to change that.

Hikvision's Smart Port & Maritime Solution enables the early detection of security threats. Hikvision's technologically superior cameras capture even the minutest details, and in the harshest conditions. Our recording devices accurately and reliably store and replay crucial security-related information. We want to help you put into place effective plans and procedures for your crucial security needs.

Hikvision's advanced solution enables authorities to efficiently meet the requirements of the International Ship and Port Facility Security (ISPS) Code with top-tier performance. Our products arm you with the latest and highest quality surveillance, access control, and intelligence-gathering equipment. Hikvision's solution covers all your needs for monitoring the movement of personnel and cargo and for ensuring security communications with the utmost stability and reliability.

- Ensures around-the-clock perimeter safety
- Increases vehicle access management
- Protects valuable merchandise
- Records reliable footage for investigation





**VEHICLE ACCESS CONTROL**

ANPR camera for efficient vehicle access management



**PERIMETER PROTECTION**

Thermal imaging cameras and anti-corrosion cameras deliver long range detection and robust protection



**SECURITY CENTER**

- Centralized video management platform
- Reliable redundancy for data safety
- Video wall display



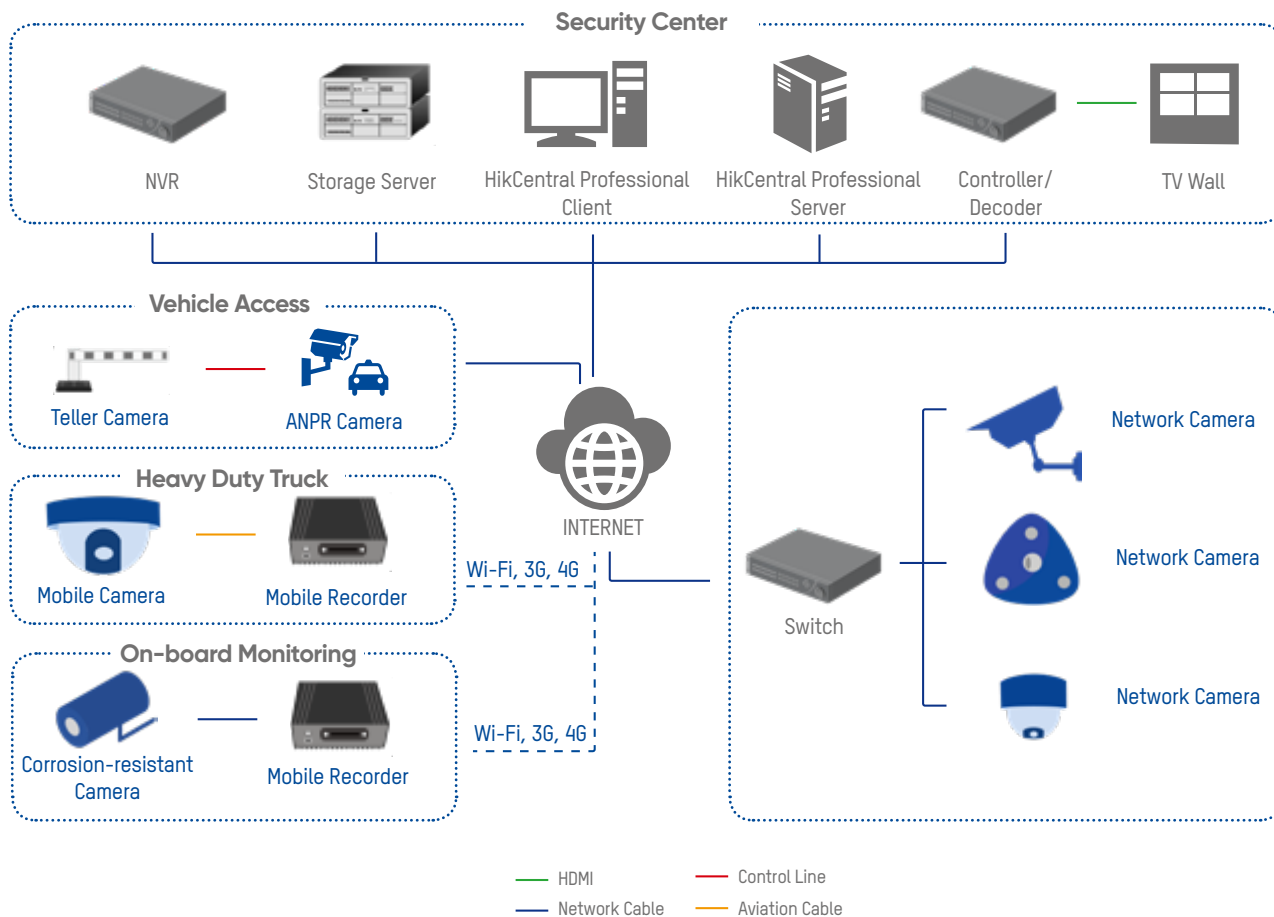
**PARKING & WAREHOUSE**

Each Darkfighter Camera in the series provides state-of-the-art low light capability



**ON-BOARD MONITORING**

On-board IP systems provide high quality, vibration-resistant and weather-protected monitoring for all kinds of transports





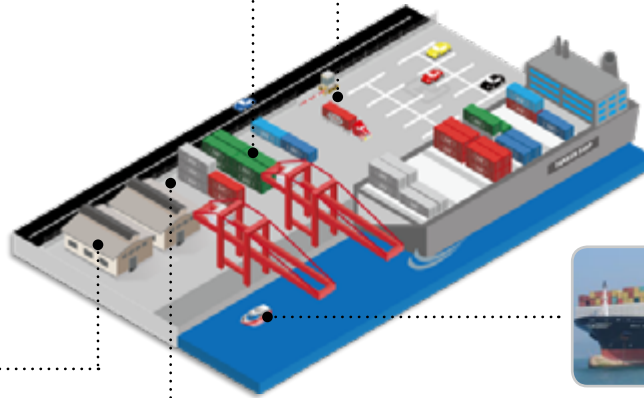
### Parking & Warehouse

- Excellent imaging in low-light conditions
- Single wide angle lens monitoring covers entire areas



### Vehicle Access Control

ANPR for Vehicle event recording and entrance automation



### On-Board Monitoring

Varied systems for a diversity of vehicles such as heavy duty trucks, container tankers, and coast guard vessels



### Security Center

- System reliability
- Data safety
- Prompt event response



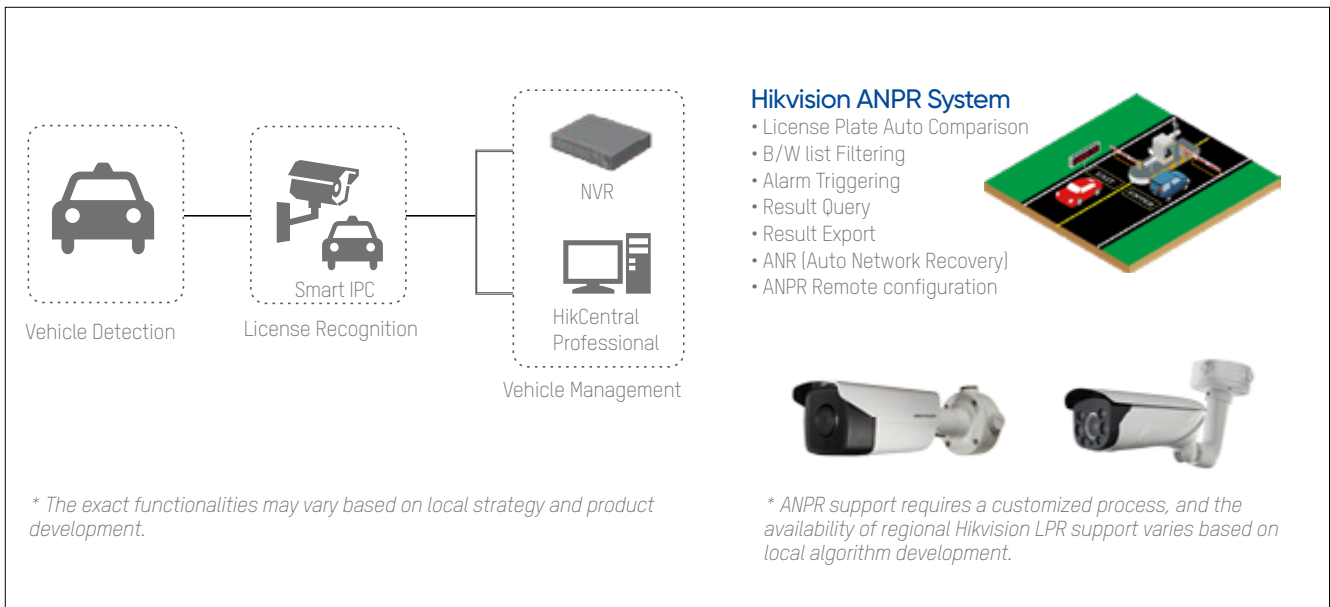
### Perimeter Protection

Durable cameras resist corrosion and provide long range detection of unauthorized objects

## VEHICLE ACCESS CONTROL

Hikvision Vehicle Access system combines high quality ANPR cameras and back-end devices to create barrier linkage, B/W list filtering, and alarm triggering.

**ANPR Cameras:** HD video quality, weather-proof, ultra low-light capability, barrier linkage support



## PARKING AREA MONITORING

Hikvision has developed a complete product line to monitor large areas and detect suspicious targets, even in low light conditions. Additionally, the iVMS platform and LED indicators manage and display the availability of public parking.

**Panoramic Cameras:** Four innovative Darkfighter imagers can deliver panoramic views with ultra low light capability to cover entire parking areas.



<p>4 x rotated images in 1920x1080 resolution</p>	<p>Conventional camera</p>
<p>Stitching to one panoramic image in (4096x1800) resolution</p>	<p>Hikvision DarkFighter camera</p>

## PERIMETER PROTECTION

Ports are vast outdoor areas, full of valuable merchandise. Therefore, thermal imaging cameras are preferable, since these help detect intrusion at extended distances for improved security.

**Dual-Lens Thermal Camera:** One thermal imaging lens suffices for long-range detection, while a another, single Darkfighter visual imaging lens renders detailed video footage. Both work together in one camera housing.



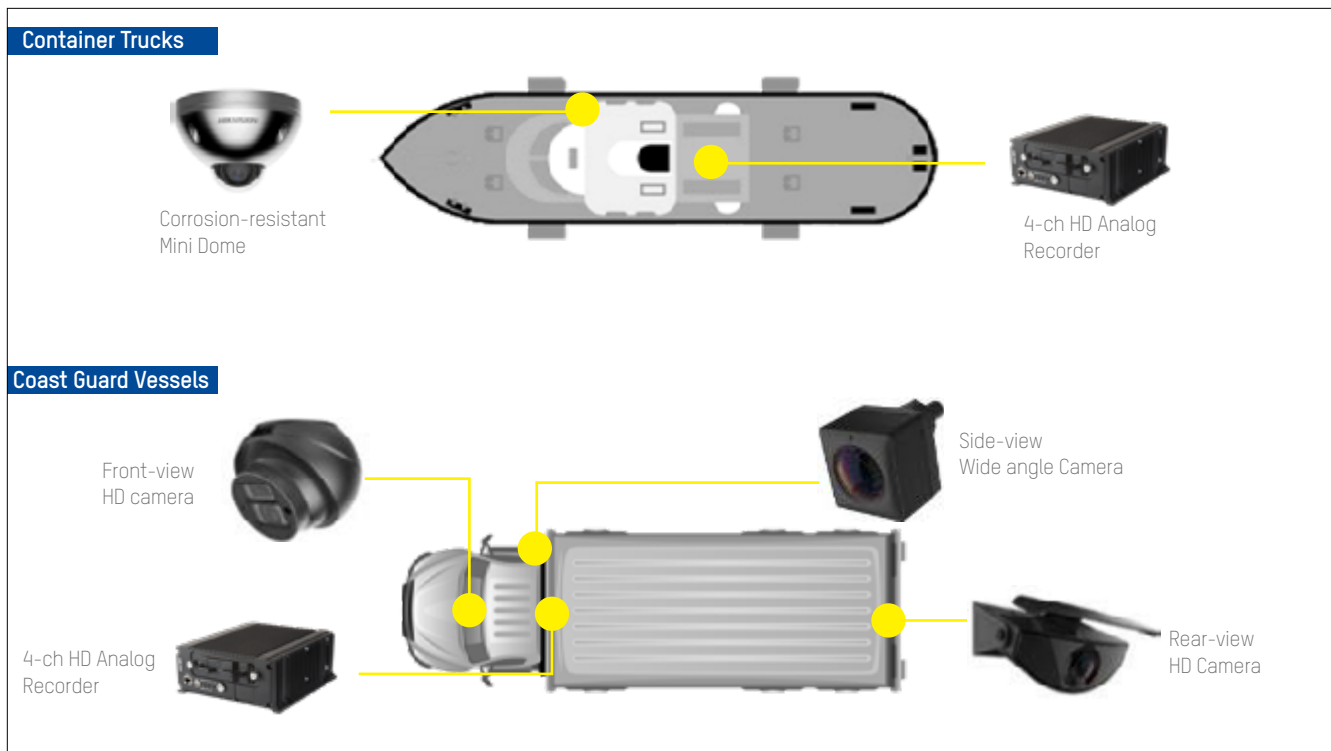
	<p>Thermal Imager</p>	<p>Visual Imager</p>

# ON-BOARD MONITORING

From Stainless Steel Darkfighter Cameras to mini vehicle cameras to vibration-resistant mobile encoders, Hikvision offers a complete line of products to meet diverse surveillance needs, including container tankers, coast guard vehicles, and heavy duty trucks.



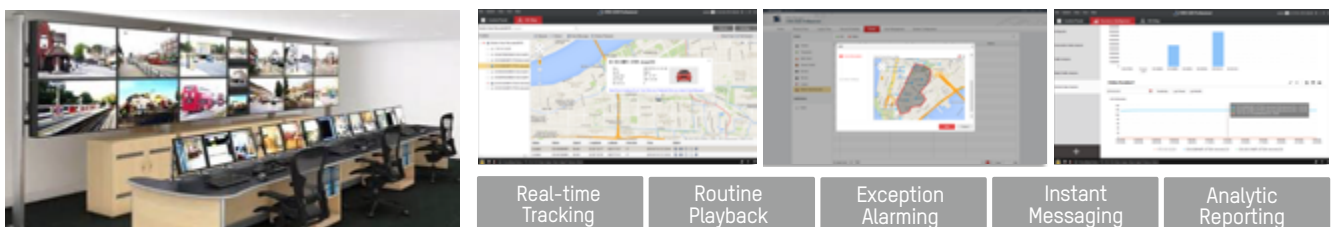
- **Container Tanker:** Darkfighter Stainless Steel cameras + mobile IP recorder
- **Coast Guard Vessels:** Stainless Steel mini dome + mobile IP recorder
- **Heavy Duty Trucks:** HD IP or HD TVI on-board system for truck tracking and incident recording



# SECURITY CENTER


Comprising all the important video footage of daily operations, bank office's security center is a core of total CCTV system that requires utmost reliability and manageability for data protection and alarming operations.


- **Embedded NVR:** Hikvision has the richest embedded network recorder product line – from 4 channels to 256 channels – for every level of need
- **Video Management Platform:** HikCentral is the CCTV system core that manages, views, plays back, and controls all the daily operations among all devices
- **Network Storage Server:** A must-have product line for total secure data storage
- **Monitor Display System:** From standalone monitors to large TV walls, Hikvision has it all







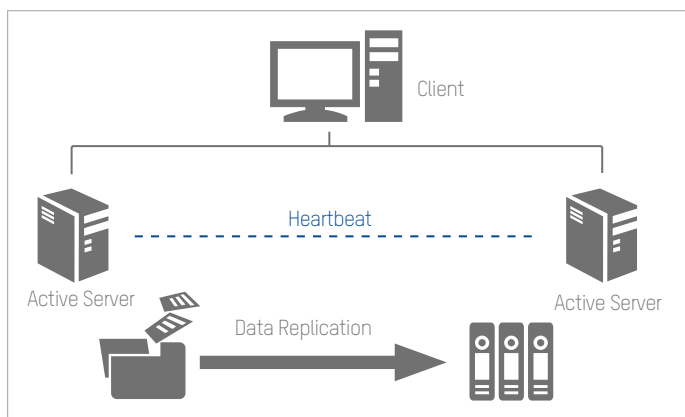
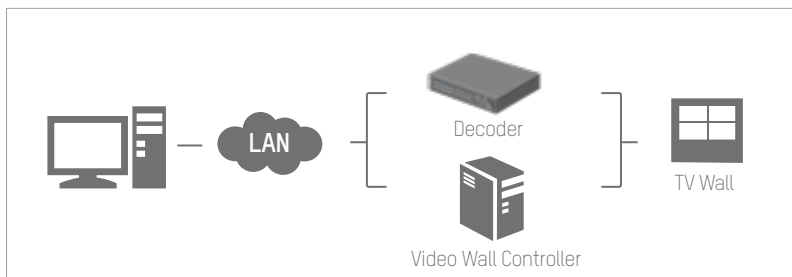


 Storage Server

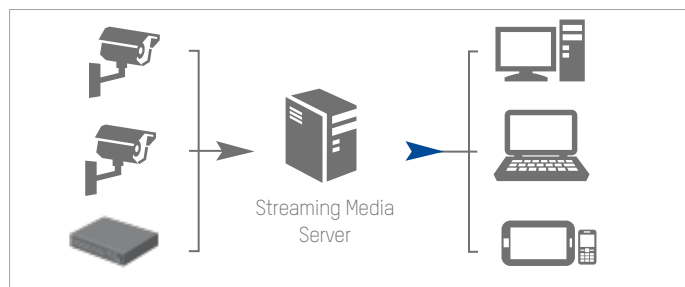
 Modularized design and hot plugging for easy maintenance

 Double controller & power module for data safety

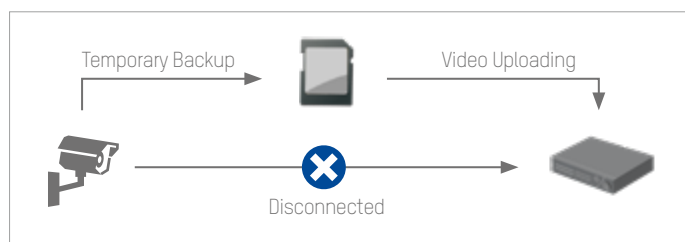
 Supports CVR mode for better return on investment



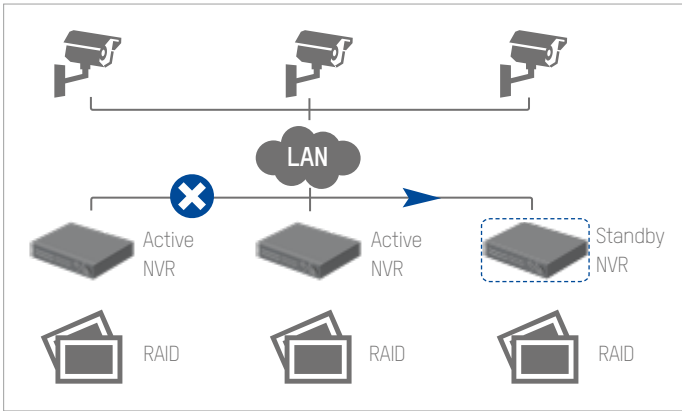
- Data Safety**  
**Server Redundancy Design**
- Active & standby servers
  - "Heartbeat" function automatically backs up users' information if one server is interrupted
  - Ensures users' live view and playback in case of failover



- Transmission Optimization**  
**Streaming Media Server**
- Hikvision Streaming Media Server enable multiple users to live view or playback the same camera with only one channel bandwidth transmission;
  - 1 Streaming Media Server supports up to 200 x 2Mbps video data streaming and up to 200 channels.



- Data Safety**  
**Auto Network Recovery (ANR)**
- Auto backup if network connection is interrupted
  - Data moves from SD card to back-end device while network connection is restored
  - We recommended using Hikvision brand Micro SD card for ANR storage



**Data Safety**  
**RAID & N+1 Failover**

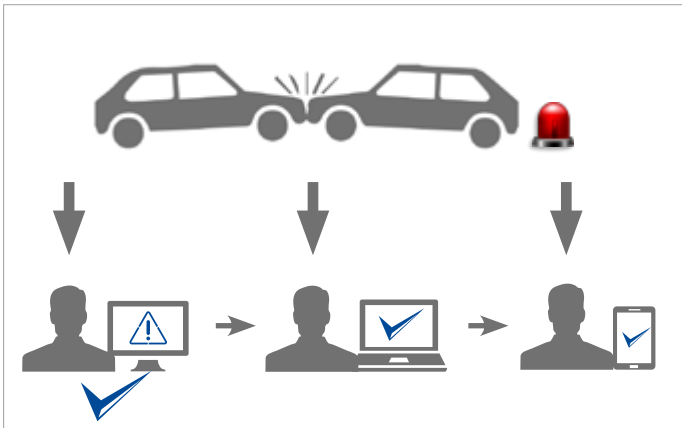


**- Single-spot storage backup:**

Multi-RAID supported by embedded NVR and Storage Server

**- Multi-spot storage backup:**

When any active NVR is out of service, the standby NVR can take over recording automatically



**Alarm Management**

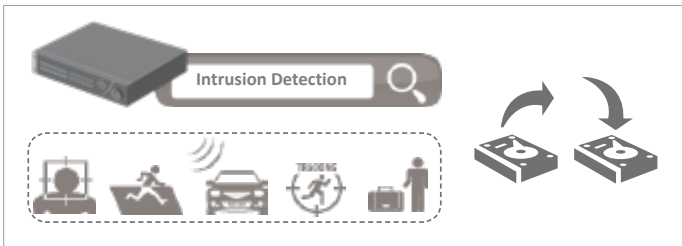
**Multi-users Notification**



- Real-time alarm notifications sent to HikCentral control clients

- Even mobile clients can receive notifications

- One-Check-All mechanism allows one user to handle the event and others to simply receive notification



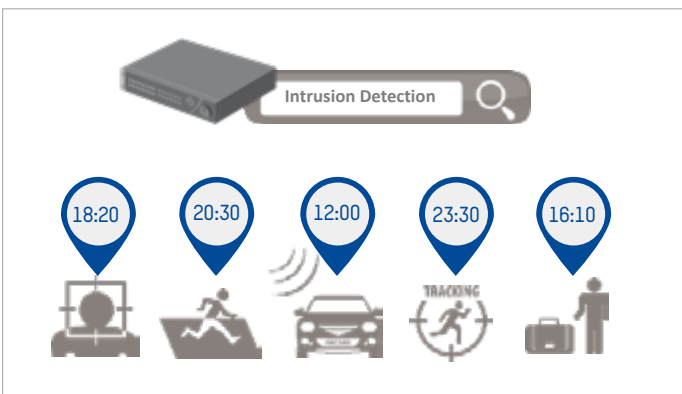
**Large Data Management**

**Smart Backup**



- Supports event footage backup

- Saves maximum storage space



**Large Data Management**

**Smart Search**



- Fully compatible with Hikvision Smart IP Cameras

- Easy and quick event search for snapshots and video recording

- Plays back the target event footage at standard speed and can fast-forward (up to 64x )

- Unrelated video can be skipped during playback

## PRODUCT SHOWCASE



**DS-2CD7A2660/P**  
ANPR Camera



- DarkFighter ultra-low light technology
- License Plate Recognition
- 1/1.8" progressive scan CMOS sensor
- Full HD1080p, up to 60fps
- 140dB WDR
- Full smart feature-set
- Up to 50 m IR range
- Up to 256 GB on-board storage
- Motorized lens with Smart Focus



**DS-2CD698460**  
32 MP 180°  
Panoramic Network Camera

- 4 x 1/1.8" CMOS sensors
- 8160 x 3616 realtime video output
- 180° horizontal panoramic view
- Four IR LEDs with up to 20 m IR distance



**DS-2TD2836-25/50**  
Thermal + Image Dual Lens  
Bullet Camera

### Thermal Imager

- Vanadium oxide uncooled focal plane arrays
- Up to 384 x 288 resolution
- 25 mm lens, FoV: 14.88° or 50 mm lens, FoV: 7.47°
- Smart Detection: Intrusion detection, Line Crossing detection, Region Entering/Exit detection

### Visual Imager

- 1/2.8" progressive scan CMOS
- DeepinView
- Up to 1920 x 1080 resolution
- 100 m IR range
- 13 mm / 25 mm fixed lens

### General

- Support on-board storage, Micro SD/SDHC/SDXC (card no included)
- Audio I/O: 1/1; Alarm I/O: 2/2
- Protection: IP66
- Built-in heater
- AC24V, max 22W
- -40°C- 60°C working temperature



**DS-2TD4136-25(50)**  
Thermal + Image Dual  
Lens PTZ Camera

### Thermal Imager

- Vanadium oxide uncooled focal plane arrays
- Up to 384 x 288 resolution
- 25 mm lens, FoV: 15° x 11° or 50 mm lens, FoV: 7.47° x 5.61°
- Smart Tracking: Panorama tracking, Event tracking, Multi-scene Patrolling
- Smart Detection: Intrusion detection, Line Crossing detection, Region Entering/Exit detection

### Visual Imager

- 1/1.9 progressive scan CMO
- Up to 1920 x 1080 resolution
- 200 m IR range
- Pan: 360°endless; tilt: -15°- 90°

### General

- Support on-board storage, Micro SD/SDHC/SDXC (card no included)
- Audio I/O: 1/1; Alarm I/O: 7/2
- Protection: IP66 protection
- Built-in heater
- AC24V, max 60W
- -40°C- 60°C working temperature

# PRODUCT SHOWCASE



**DS-2CD6626B-IZHS**  
2 MP Anti-Corrosion Bullet  
Camera

- H.264 / H.264+ / H.265 / H.265+
- 2 MP realtime resolution
- 120 dB WDR
- ATEX, IECEx, IP67
- 316L Anti-Corrosion Standard: NEMA 4X, C5-M
- Support on-board storage, up to 128GB
- AC 24V to 240V



**DS-M5504HNI**  
4-Channel Mobile NVR

- Supports 4 channels of 1080P IP video input
- 4-channel POE interface
- Pluggable disk box with vibration damping technology
- 2 x pluggable 2.5-inch HDDs / SSDs
- 1 x SD/SDHC card slot
- Pluggable 3G/4G/Wi-Fi module (optional)
- Standard 1DIN dimensions
- EN50155 certification



**DS-2CD6626DS-IZ(H)S**  
Corrosion-Resistant Network  
Camera

- Ultra-low illumination technology
- 316L stainless steel housing
- 1/1.8" progressive scan CMOS sensor
- 2.8-12 mm motorized VF lens
- 120 dB WDR
- Full Smart Feature-set
- ISO C5-M, NEMA 4X certification



**DS-M7508HNI (/GW/WI)**  
On-board Network Recorder

- 1920 x 1080 high resolution
- Support 8-ch IP video with PoE interfaces
- Pluggable 3G module optional (/GW)
- Built-in Wi-Fi / GPS optional (/WI)
- Support two 2.5-inch HDDs / SSDs
- Hard disk box with USB interface supporting intelligent temperature control and data export
- M12 connectors ensuring signal stability
- Wide-range power input (+8VDC ~+36 VDC)
- Power-off protection avoiding data loss
- Aluminum die-cast chassis with no fan design well adaptable to working environment



**DS-2XM6726FWD-I**  
2 MP IR Mobile Dome Network  
Camera

- 2.0/2.8/4/6/8 mm fixed lens
- Up to 30 m IR range
- IP67, IK10 weather-resistant
- H.265, H.265+



**DS-2XM6522WD-I**  
2 MP Outer-vehicle  
Mini Dome Network Camera

- Special design for vehicle-mounted
- 2 MP real time resolution
- 3-axis adjustment
- M12 Ethernet interface(optional)
- Up to 10 m IR range
- IP68, IK10
- EN50155, EN50121 certification

## PRODUCT SHOWCASE



**DS-2XM6222FWD-I**  
2 MP Mobile Network Camera

- 2.8 mm, 4 mm, 6 mm, optional
- 1920 × 1080 resolution
- H.264, H.264+, H.265, H.265+
- 120 dB WDR
- IP67
- IR range: 10 to 30 meters



**DS-2XM6425G0/F-IM81**  
2 MP Mobile Covert Camera  
**DS-MP1301**  
7-inch TFT-LCD screen

- 1920 × 1080 @ 30fps
- 120 dB WDR
- 3D DNR
- H.264, H.264+, H.265, H.265+



**DS-96128/256NI-I16/I24(/H)**  
Embedded Super NVR

- Maximum 576/768 Mbps bitrate Input
- Supports third party network cameras
- Up to 12 MP resolution recording
- H version support 64-ch 1080P decoding capability
- HDMI output at up to 4K resolution
- Supports redundant power supply
- Up to 16/24 SATA interfaces , up to 8 TB for each HDD,
- HDD hot swapping with RAID 0/1/5/6/10
- One LCD screen optional , mini SAS optional



**DS-9632/64NI-I8**  
Embedded 4K NVR  
**4K**

- Maximum 320Mbps bitrate Input
- 200 Mbps bitrate input (RAID enabled)
- Support 3rd party network cameras
- Up to 12 MP resolution recording
- Support H.264 / H.264+ / H.265 video format
- 2 x HDMI & 2 x VGA output (3840 x 2160)
- Support RAID0, 1, 5, 10
- Support redundant power supply
- Dual digital network interfaces
- 8 x SATA, 1 x eSATA, 2 x USB2.0, 1 x USB3.0
- 19-inch rack-mounted 2U chassis



**HikCentral Professional**  
Video Management Platform

- Centralized device & user management
- Maximum connected devices per system: 1024
- Maximum 100 control client for system
- Support 3rd party integration via ONVIF & SDK
- Additional add-on modules:
- LPR: license plate recognition
- Transaction: POS integration + CCTV footage
- Business Intelligence: people counting, heat mapping and retail traffic analytic

# PRODUCT SHOWCASE



**DS-A81016S**  
Network Storage System

- High performance 64 bit RISC processor
- Up to 16 HDD, 6TB maximum capacity for each
- Up to 180-ch 4CIF real-time recording
- iSCSI/NFS/CIFS/FTP/HTTP/AFP protocols
- Support RAID 0, 1, 3, 5, 10, 50
- Support HDD hot-swapping
- Dual Gigabit network interfaces
- Modularized design for easy maintenance
- Redundant power design for high reliability



**DS-A82024D**  
Network Storage System

- High performance & easy extensible hardware platform
- Double controller system design
- Automatic service takeover
- Disk detection, repairing and RAID optimization
- Low power consumption
- 4U chassis structure, support up to 24 HDDs and cascade extension



**DS-M5504HNI**  
4-ch Mobile NVR

- Up to 12 MP/14 fps resolution
- 1/4/6/8/9/16 division
- 1-ch DVI and 1-ch VGA signal input(Except DS-6401HDI-T)
- DS-6401 supports HDMI/VGA/BNC interfaces
- Other models support DVI/BNC interfaces (HDMI/VGA requires converter)
- PC signal to display on video wall
- Screen joint and display
- Cross-window video roaming
- Video fluency enhancement



**DS-C10S-S09T/S11T/S22T**  
TV Wall Controller

- A signal source can be displayed on  $M \times N$  ( $M \geq 1, N \geq 1$ ) display units
- Multiple signal input sources: VGA, DVI, HDMI, YpbPr, DP
- Built-in matrix, one signal displays on multiple windows
- Window division, splicing, roaming, cross-window
- Supports 1/4/9/16 window division modes and full screen window switching

## PRODUCT SHOWCASE



**DS-D2046NL-C**  
**DS-D2055NL-B/G**  
Ultra Slim Bezel LCD

- 46" or 55" screen dimension
- -NL: 500cd/ m<sup>2</sup> brightness
- -NH: 800cd/ m<sup>2</sup> brightness
- 3.5mm physical seam
- Defog, low-light compensation
- Edge processing, true native image
- Dynamic self-adaption noise reduction
- Cross color suppression
- Signal input: HDMI, DVI, VGA, BNC, YPbPr
- Signal output: DVI, VGA, BNC
- Remote control: IR in, Address ID
- RS232 control



**DS-D5032FL**  
LCD Monitor

- 8 bit/10 bit 2-ch LVDS(1920\*1080) Full HD1080P resolution
- Adopt 3D digital comb filter
- True color OSD and user-friendly operation menu
- Adopt mstar ACE-5 auto color and image enhancement engine, to improve image contrast, detail
- 1 channel HDMI 1.3 input interface support HDCP 1.2
- Support video output
- Support audio I/O



**DS-6102 HLI/GW**  
Portable Video Recorder

- H.264 Video Compression
- 3.5 inch IPS Touch Screen
- 5MP HD Camera
- Up to HD1080p Video Recording
- Up to 32GB Micro SD card recording
- Built-in 3G and GPS module



**DS-1600KI**  
Network Keyboard

- 10.1" TFT LCD touchscreen with 1024 × 600 resolution
- Live view and video playback
- Video wall control
- 4-axis joystick
- Controllable of 2000 devices
- Compatible with Hikvision IP cameras, DVR/NVR, decoder, matrix

# MINIMIZE RISK AND MAXIMIZE BUSINESS RETAIL SOLUTION

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