



EFFECTIVE SURVEILLANCE FOR SUPERIOR HOSPITALITY SERVICES SMART HOTEL SOLUTION

 smart solution **2.0**

HOTEL

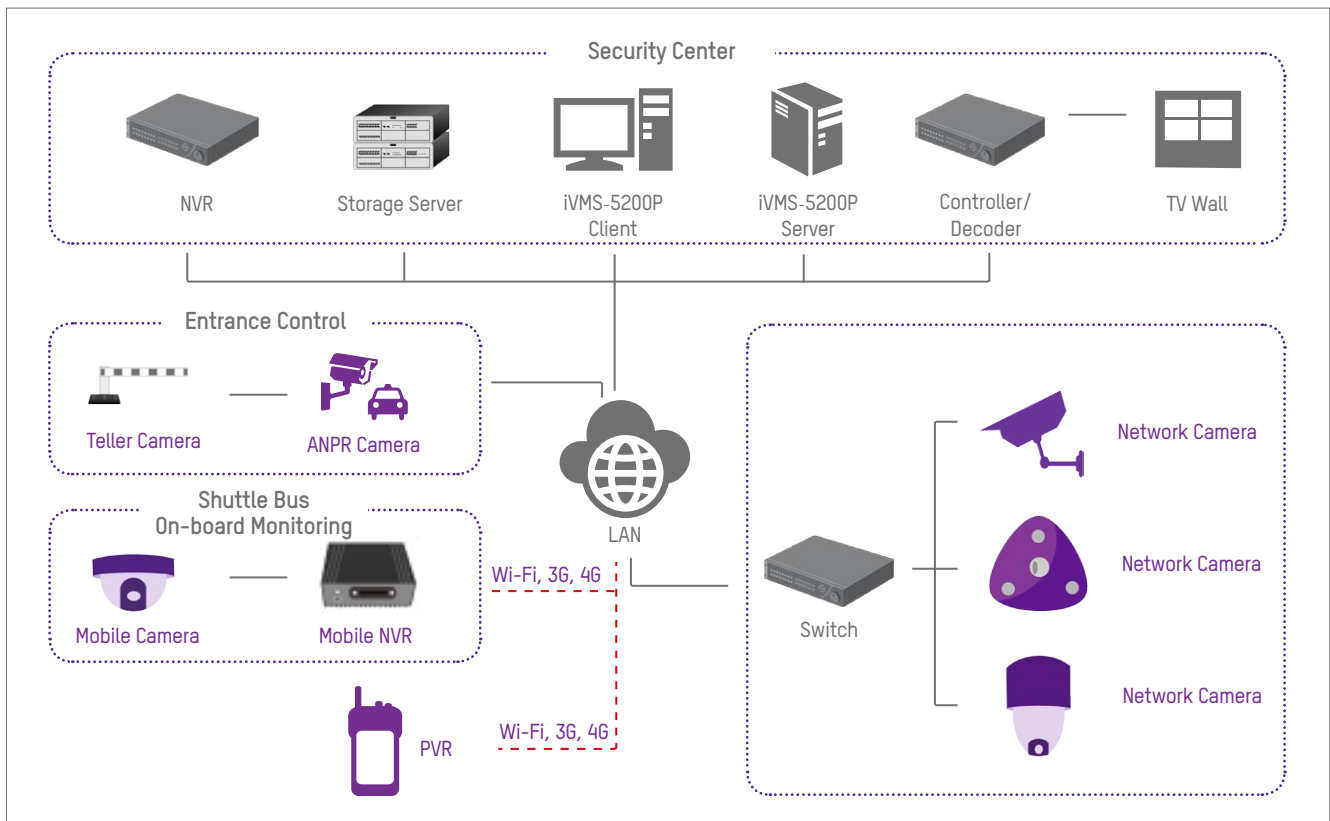
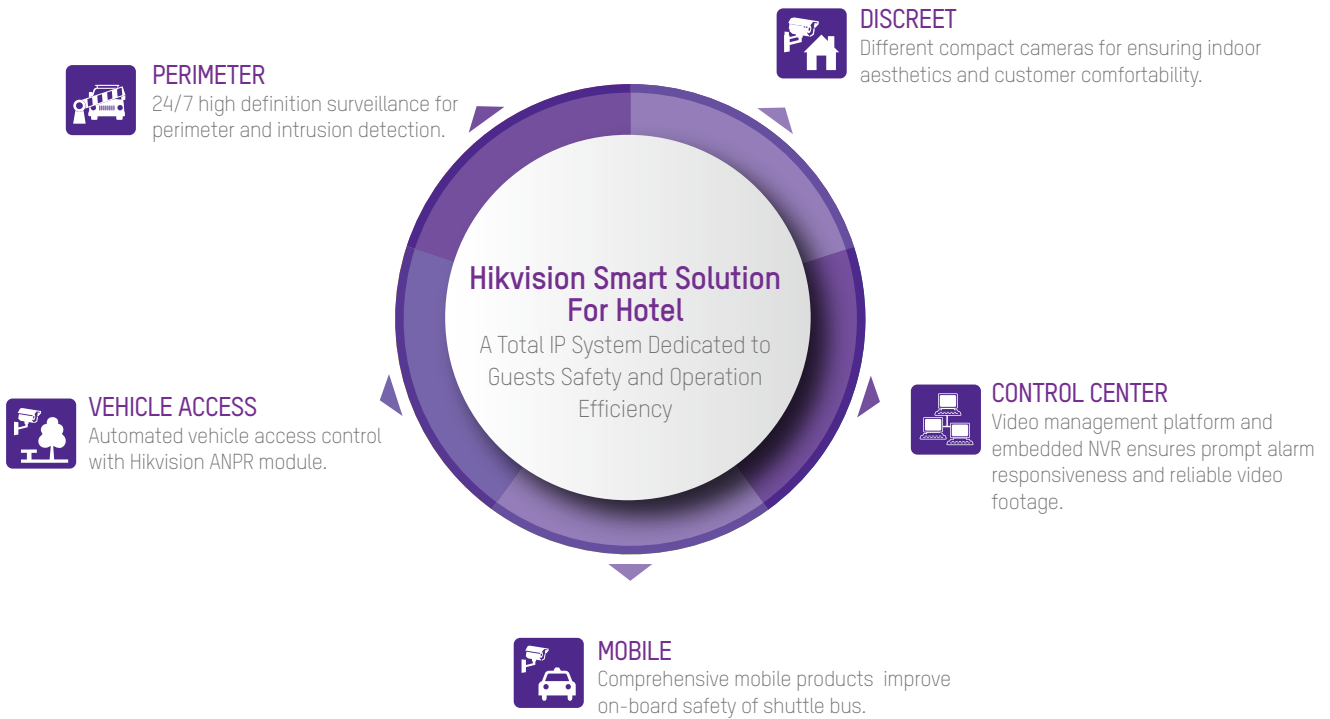


The Hikvision Smart Solution for Hotels is a complete IP surveillance system for hotel security. The solution provides around-the-clock protection with industry-leading low-light technology, automated vehicle access control with Hikvision's automatic number plate recognition (ANPR) module, and automatic event alerts with Hikvision's Smart detection. The Smart Solution includes integrated IP products such as IP cameras, NVRs, and video management software — helping to create a reliable, flexible security platform for hotels.

SMART SOLUTION FOR HOTEL SAFETY

- Ensure around-a-clock safety for guests and staff
- Improve vehicle access management and customer experience
- Decrease CCTV intrusiveness
- To have a reliable footage for post-investigation

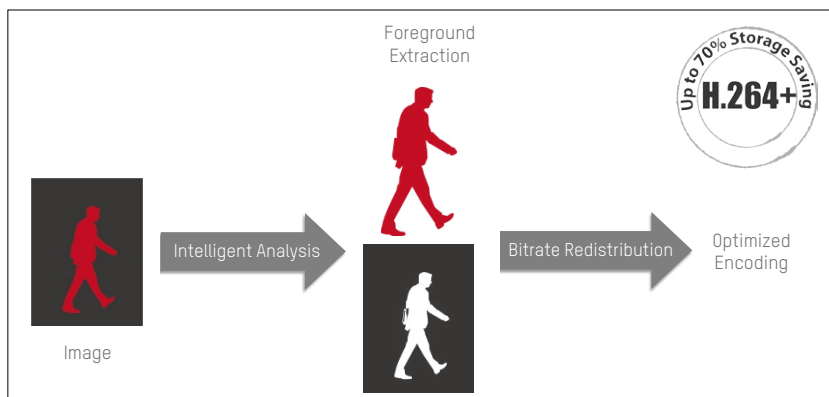
TOTAL IP SYSTEM



HIGHLIGHTED TECHNOLOGY

Smart Codec – H.264+ Optimized Compression

An efficient way to manage super high resolution video footage.



Analytic + Compression

The moving target is extracted from the static background, using a different codec for each element.

- Background-based predictive smart encoding
- Enhanced noise suppression
- Optimized, long-term bitrate control



H.264 (25fps)



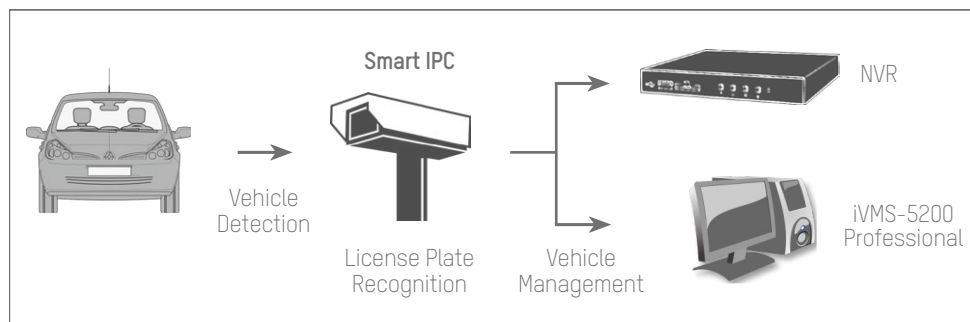
H.264+ (25fps)

In a static nighttime environment, the bitrate of H.264+ can reach up to 50-60Kbps, 10-20x over standard H.264 codec, that not only saves bandwidth resources, but efficiently decreases storage requirements.

- more encoding improvement
- more transmission efficiency
- more storage saving

ANPR Module

A critical element in access control



Hikvision ANPR System

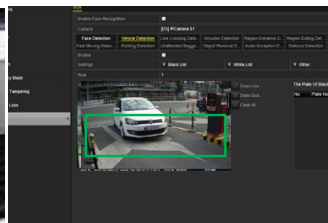
- License Plate Comparison
- B/W List Filtering
- Alarm Triggering
- Result Query
- Result Export
- Auto Network Recovery (ANR)
- ANPR Remote Configuration

* The exact functionalities may vary based on local strategy and product development.



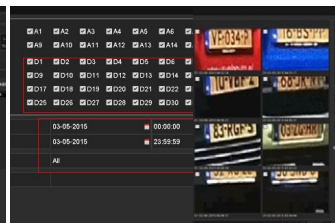
License Plate Recognition

- Entrance Time Recording
- Plate Number Recording



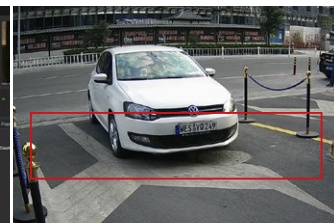
Vehicle Management

- Auto Comparison
- Blacklist Filtering
- Alarm Triggering



Smart Search /Smart Backup

- LPR Searching
- Post-event Investigation

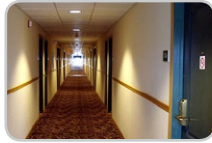


Vehicle Detection

- GEO Tracking
- Increases security



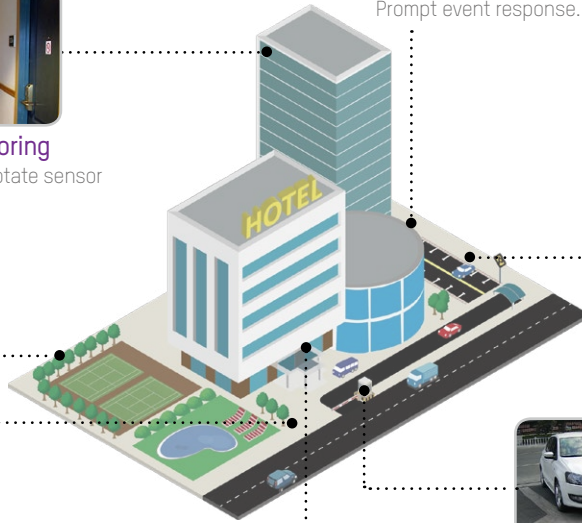
Security Center
System reliability, Data safety,
Prompt event response.



Hallway Monitoring
Less obtrusive, rotate sensor
mode in hallway.



Perimeter Protection
High resolution,
Long distance monitoring.



Parking Surveillance
Excellent low-light capability
for nighttime monitoring.



Vehicle Access Management
ANPR recognition, barrier linkage,
Blacklist/VIP list filtering.



On-board Mobile Tracking
Robust on-board recorder,
HD mobile cameras for different
vehicle type.



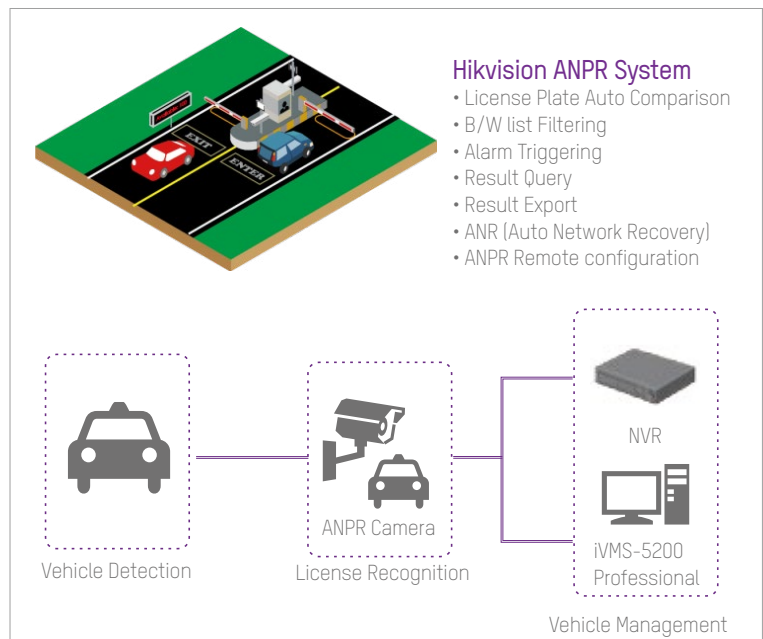
Lobby Monitoring
Clear visibility in strong sunlight condition,
Large area and heavy people flow require
high definition and smooth video.

Vehicle Access



How can we efficiently control vehicle access and be aware of our special guests' vehicles?

Hikvision's bullet cameras, which are weatherproof and feature ultra-low-light capability, excellent light compensation, ANPR capability, vehicle color identification, and alarm functions, among other features, use vehicle barrier linkage to easily control vehicle access.



* ANPR support requires a customized process, and the availability of regional Hikvision LPR support varies based on local algorithm development.

* The exact functionalities may vary based on local strategy and product development.

Perimeter Protection

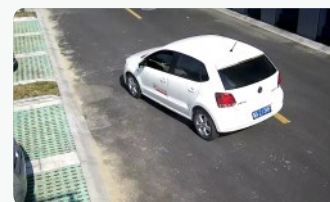
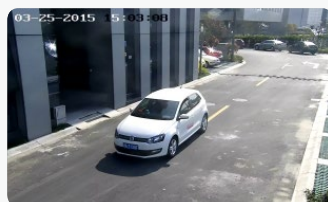


How can we keep our perimeter secure and remain prepared for unexpected events?

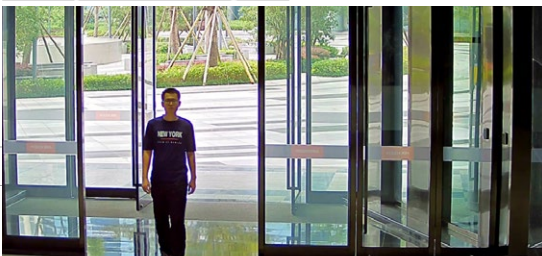
Utilize Hikvision HD products that provide up to 4K high resolution, 200-meter infrared (IR) range, and are resistant to extreme weather conditions and vandalism. Hikvision's HD offerings also include full HD 1080p video with an outstanding frame rate of 60 fps, as well as Smart detection technology including: line crossing detection, intrusion detection, region enter/leaving, etc. These tools can help keep your perimeter secure.



Smart Intrusion Detection



Lobby Monitoring



How can we clearly see what happens inside the building as well as outside?

The Hikvision indoor IR dome camera features an industry-leading 140dB wide dynamic range, triple exposure technology, and up to 30 meters of IR vision to provide a crystal-clear view.

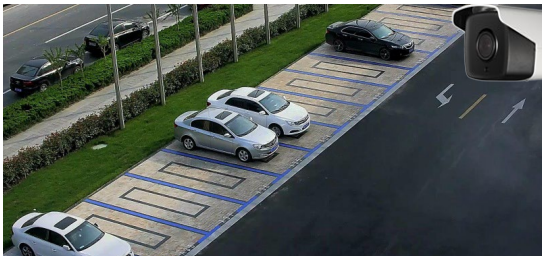
LIGHTFIGHTER

140dB Triple-Exposure WDR

Conventional Camera

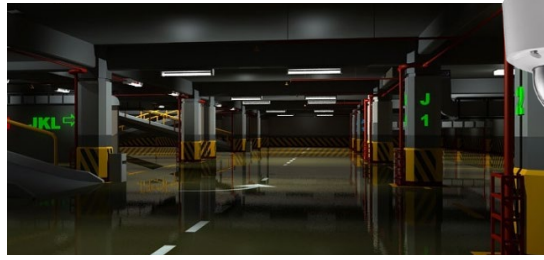
Lightfighter Camera

Parking Surveillance



How can we cover large areas such as parking lots and automatically detect intruders?

Hikvision's outdoor IR PTZ camera can efficiently solve this problem with its 23x optical zoom, Smart detection features, and 200-meter IR range — not to mention industry-leading low-light technology.

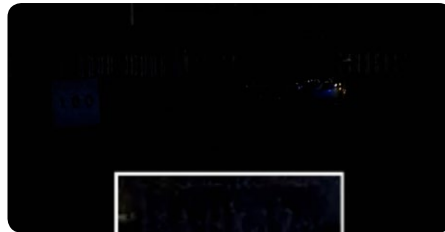


How can we get a crystal-clear images in dimly lit environments?

Hikvision's high-performance, vandal-proof DarkFighter camera can deliver a vivid, noise-free images in environments with dim lighting.



DARKFIGHTER



Hallway Monitoring



How can we create a less obtrusive environment despite the presence of cameras?

Hikvision's Monovu Dual Lens Camera, with its compact footprint and recessed mount support, can help to create a more comfortable guest experience. In addition, a wide-angle, compact mini dome can cover all areas of elevator cabins. A comprehensive onboard IP monitoring system helps to ensure safety on shuttle buses.



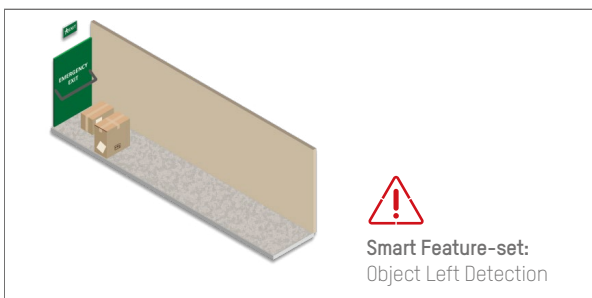
- Compact size
- Installation labor saving
- One camera delivers two different monitoring views

Horizontal shape

Rotate Mode

* ANPR support requires a customized process, and the availability of regional Hikvision LPR support varies based on local algorithm development.

Elevator Monitoring



Emergency Exit



How can we be notified automatically when an emergency exit is blocked?

IP cameras with Smart detection functionality can automatically detect objects in predefined areas and trigger an alarm.



Mobile Tracking



How to keep an eye on moving shuttle bus?

A comprehensive on-board HD IP system ensures shuttle bus safety on the right way



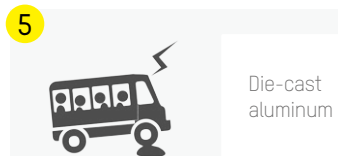
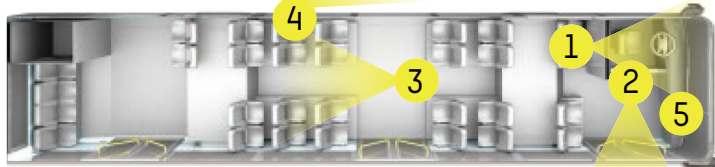
Inner-vehicle Camera



Outer-vehicle Camera



Mobile Recorder



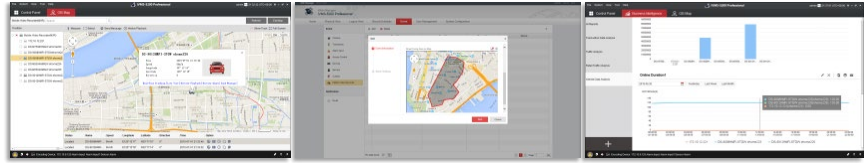
Die-cast aluminum

HDD Full Enclosed Protection

Aviation Connection

Industrial-leading anti-vibration technology

Security Center



Real-time Tracking

Routine Playback

Exception Alarming

Instant Messaging

Analytic Reporting

Storing critical video footage of daily operations in a bank's security center is a core component of a total CCTV system. It requires the utmost reliability and manageability for data protection and security 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:** iVMS5200P Video Platform 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



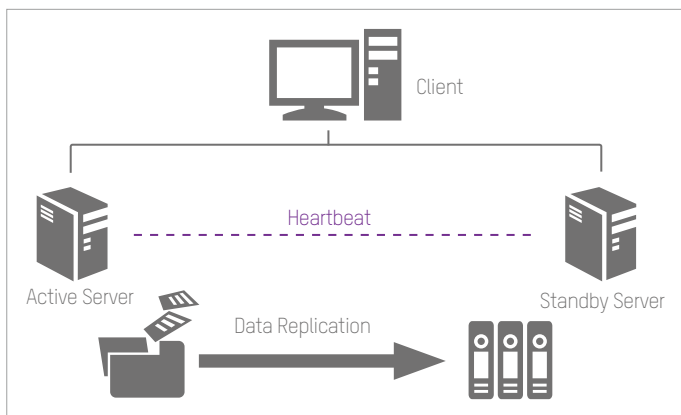
Decoder



Video Wall Controller



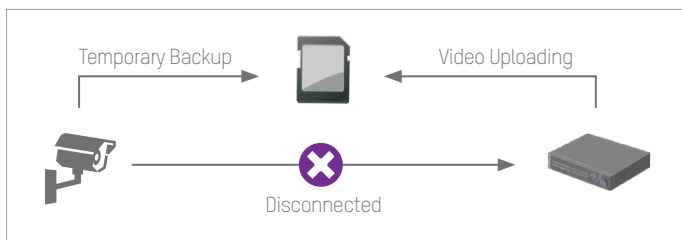
TV Wall



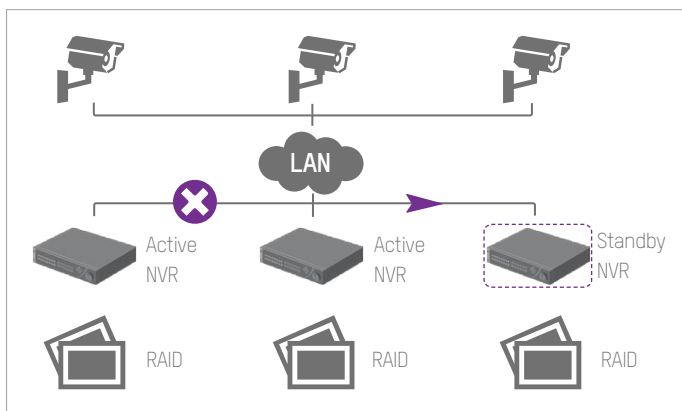
Data Safety

Server Redundancy Design

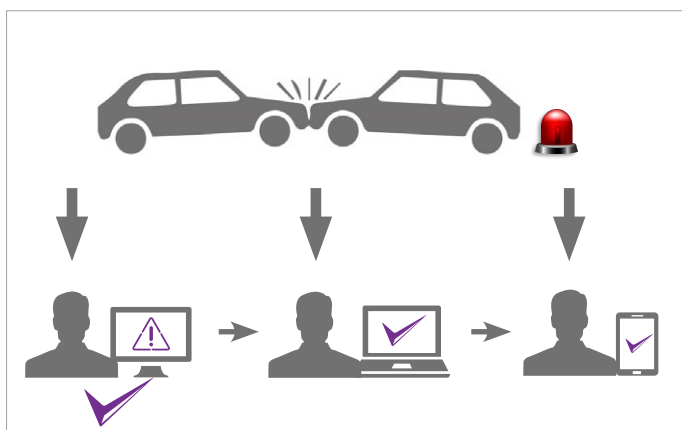
- Active & standby servers
- "Heartbeat" function automatically backs up users' information if one server is interrupted
- Ensures users' live view and playback in case of failover



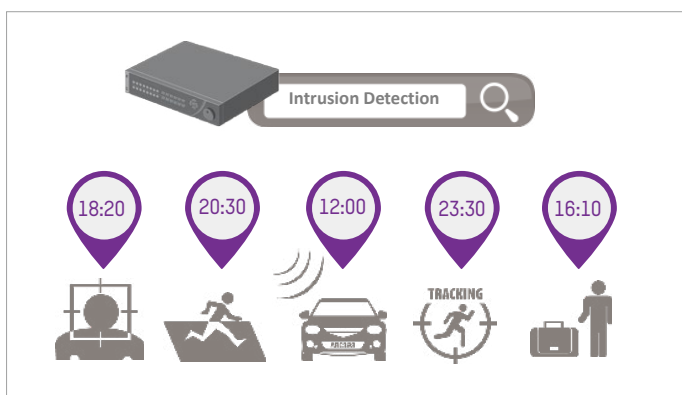
Data Safety
Auto Network Recovery (ANR)
 - Auto backup if network connection is interrupted
 - Data moves from SD card to back-end device while network connection is restored
 - We recommended using Hikvision brand Micro SD card for ANR storage



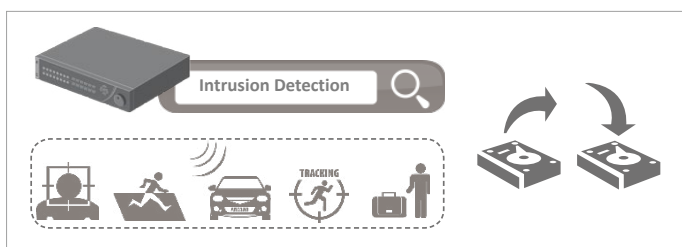
Data Safety
RAID & N+1 Failover
 - **Single-spot storage backup:** Multi-RAID supported by embedded NVR and Storage Server
 - **Multi-spot storage backup:** When any active NVR is out of service, the standby NVR can take over recording automatically



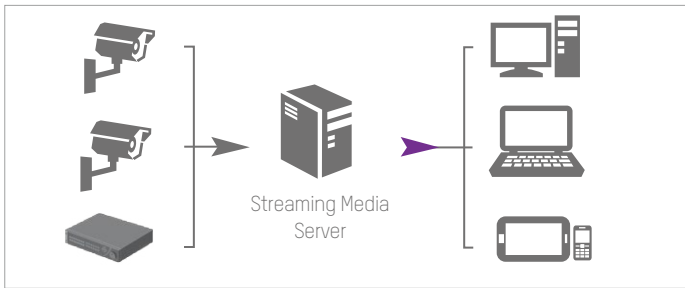
Alarm Management
Multi-users Notification
 - Real-time alarm notifications sent to iVMS5200P's control clients
 - Even mobile clients can receive notifications
 - One-Check-All mechanism allows one user to handle the event and others to simply receive notification



Large Data Management
Smart 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 16x)
 - Unrelated video can be skipped during playback



Large Data Management
Smart Backup
 - Supports event footage backup
 - Saves maximum storage space



Transmission Optimization Streaming Media Server



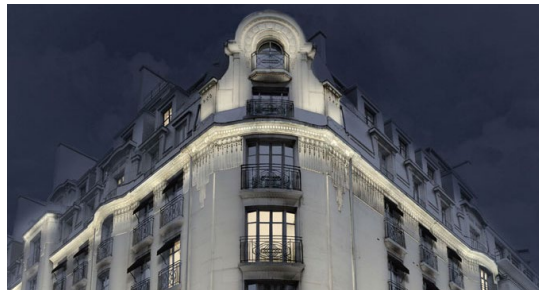
- Hikvision Streaming Media Server enable multiple users to live view or playback the same camera with only one channel bandwidth transmission;
- 1 Streaming Media Server supports up to 200 x 2Mbps video data streaming and up to 200 channels.

APPLICATION REFERENCE



■ Grosvenor House, Dubai

Hikvision Wide Dynamic Range cameras utilized in the hotel, mainly at the entrance area approved to be a real success as the cameras accurately identified incoming and outgoing customers in difficult lighting conditions.

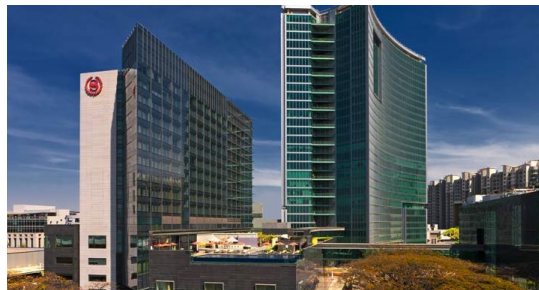


■ Sofitel, France

Hikvision network cameras are tasked with Sofitel's main hallways, emergency exits, and interior corridors leading to guests' rooms. The cameras well deliver paramount image resolution to handle different lighting environments ... and all within a discreet design.



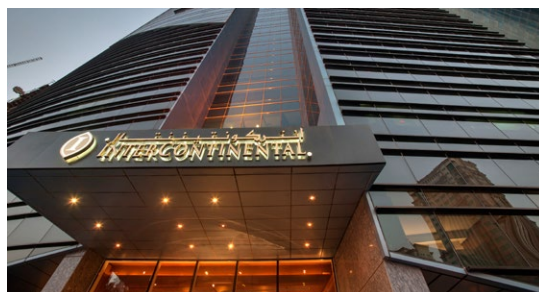
■ Atlantis The Palm Hotel, Dubai, UAE



■ Sheraton Bangalore, India



■ Best Western Plus Sunset Plaza Hotel, CA, USA



■ Hotel Intercontinental Doha, West Bay, Qatar

PRODUCT SHOWCASE

Vehicle Access



DS-2CD4626FWD-IZS(H)
ANPR Camera

DARKFIGHTER

- Darkfighter Ultra-low light technology
- 1920x1080 high resolution
- Full HD1080p video, up to 60fps
- 120dB WDR
- 2.8-12mm Motorized VF lens Smart Auto Focus
- Up to 70m IR range
- IP66 and Vandal-proof protection
- AC24V & High PoE
- Support on-board storage, up to 128GB
- On-board ANPR Analytics, B/W list filtering
- Built-in Smart Heater (-H)
- Audio/Alarm IO connectors (-S)
- Support Barrier linkage via RS485



DS-2CD4A24FWD-IZ (4.7-94)
ANPR Camera

DARKFIGHTER

- Darkfighter Ultra-low light technology
- 1920x1080 high resolution
- Full HD1080p video, up to 60fps
- 120dB WDR
- 2.8-12mm Motorized VF lens Smart Auto Focus
- Up to 50m IR range
- IP67 Weather-proof protection
- DC12V & PoE
- Support on-board storage, up to 128GB
- On-board ANPR Analytics, B/W list filtering
- Built-in Smart Heater (-H)
- Audio/Alarm IO connectors (-S)
- Support Barrier linkage via RS485

Perimeter Protection



DS-2DE8836I-AEL(W)
Outdoor Smart PTZ Camera
4K

- 4096x2160 high resolution
- 36x Optical Zoom
- Smart Auto Tracking
- Smart Detection
- Defog
- Up to 200m IR range
- IP66 Weather-resistant housing
- IK10 Vandal-resistant protection
- AC24V & High PoE
- -W: with Wiper



DS-2CD4685F-IZ (H)(S)
Outdoor IR Bullet Camera
4K

- 4096x2160 high resolution
- 2.8-12mm Motorized Vari-Focal Zoom
- Smart Auto Focus
- H.264+ Smart Codec
- Smart Detection
- Up to 70m IR range
- IP66 and Vandal-proof protection
- AC24V & PoE
- Full Smart Feature-set
- -H: built-in heater
- -S: Alarm/audio IO

Lobby Monitoring



DS-2CD4125FWD-IZ
Super WDR Indoor Camera

LIGHTFIGHTER

- 1920x1080 Full HD resolution
- Up to 60fps high framerate
- Up to 140dB WDR with Triple Exposure
- 2.8-12mm Motorized VF lens with Smart Auto Focus
- Up to 30m IR LEDs
- Audio/Alarm IO
- Support up to 128GB on-board storage
- Vandal-proof housing
- Full Smart Feature-set

Parking Surveillance



DS-2DF8236I-AEL
Outdoor IR PTZ Camera

DARKFIGHTER

- 1920x1080 high resolution
- Darkfighter Ultra-low light technology
- 120dB WDR
- 4.5-162mm 36x Optical Zoom
- Smart Codec with H.264+ enhanced compression
- Smart Detection
- Smart Tracking
- Up to 200m IR range
- IP66 and Vandal-proof protection
- AC24V & High PoE

PRODUCT SHOWCASE



DS-2CD4A24FWD-IZ
Smart IR Bullet Camera

- 1920x1200 high resolution
- 4.7-94mm 20x Motorized VF lens
- Support Smart Auto Focus
- Up to 120m IR range
- 120dB WDR
- H.264+ Smart Codec
- Smart Detection
- IP67 Weather-resistant housing
- -H: built-in heater
- -S: Alarm/audio IO



DS-2CD4526FWD-IZ
Smart IR Outdoor
Dome Camera

DARKFIGHTER

- 1920x1080 resolution
- Full HD1080p, up to 60fps
- Ultra Low light
- 120dB WDR
- 2.8-12mm Motorized VF lens
- IP66 & Vandal-proof
- Up to 40m IR
- Full Smart Feature-set
- Smart Auto Focus
- [-H] Built-in heater & fan optional

Hallway Monitoring



DS-2CD2E20F
Recessed-mount Dome
Camera

- 1920x1080 high resolution
- Full HD1080p video
- Recessed mount for easy installation
- 4mm/2.8mm fixed lens
- Support 128GB on-board storage
- Support Rotate Mode for hallway location
- DC12V & PoE
- DWDR, 3D DNR
- Color cover optional (black/silver/golden)
- Built-in Wi-Fi (-W)



DS-2CD6812D
MONOVU Dual Lens Camera

MONOVU

- 1280x960 high resolution for each lens
- 120dB WDR for single lens Independent lensadjustment
- Support 64GB on-board storage
- Built-in MIC
- Support Rotate Mode for hallway location
- Audio I/O
- DC12V
- Built-in Wi-Fi optional (-W)

Elevator Monitoring



DS-2CD2522FWD-I
2MP Mini Dome

- 2MP Full HD1080P resolution
- 120dB WDR
- 2.8/4mm fixed lens
- Support 64GB on-board storage
- 3-axis adjustment
- Up to 10m IR
- IP66 & IK8 protection
- Audio output/Mic optional (-S)
- Alarm I/O (-S)
- Built-in Wi-Fi (-W)
- H.264+ Smart Codec
- DC12V & PoE

Emergency Exit



DS-2CD4126FWD-IZ
Smart Indoor Dome Camera

DARKFIGHTER

- 1920x1080 Full HD resolution
- Up to 60fps high framerate
- Ultra Low-light
- 2.8-12mm Motorized VF lens with Smart Auto Focus
- Up to 30m IR LEDs
- Audio/Alarm IO
- Support up to 128GB on-board storage
- Vandal-proof housing
- Support Smart Detection: Object removal/left detection, Intrusion Detection, Line Crossing Detection, Object Entering/Leaving detection.

PRODUCT SHOWCASE

Mobile Tracking

NEW



DS-2CD6520DT-I(O)
Inner-vehicle Network Camera

- 1920x1080 high resolution
- Full HD1080p video
- Up to 10m IR LEDs
- 2.8mm/4mm fixed lens
- Built-in MIC
- Support DWDR and 3D DNR
- -I: M12 connection interface
- -IO: RJ45 connection interface
- Optimized vibration-resistant design
- EN50155&EN50121 certification conformant
- IP54 & IK08 protection



DS-2CD6520D-I(O)
Inner-vehicle Camera

- 1920x1080 high resolution
- Full HD1080p video
- Up to 10m IR LEDs
- 2.8mm/4mm fixed lens
- Built-in MIC
- Support DWDR and 3D DNR
- -I: M12 connection interface
- -IO: RJ45 connection interface
- Optimized vibration-resistant design
- EN50155&EN50121 certification conformant
- IP66 & IK08 protection

NEW



DS-2CD6520ET-IO
Outer-vehicle Camera

- 1920x1080 high resolution
- Full HD1080p video
- Up to 30m IR LEDs
- 6mm fixed lens
- Support DWDR and 3D DNR
- 3-axis adjustment
- Optimized vibration-resistant design
- EN50155&EN50121 certification conformant
- IP68 & IK08 protection



DS-2CD6510-I(O)
Outer-vehicle Camera

- 1280x960 high resolution
- HD720p video
- Up to 30m IR LEDs
- 4/6mm fixed lens
- Support DWDR and 3D DNR
- 3-axis adjustment
- -I: M12 connection interface
- -IO: RJ45 connection interface
- Optimized vibration-resistant design
- EN50155&EN50121 certification conformant
- IP68 & IK08 protection



DS-M7508HNI
Mobile NVR

- 1920x1080 high resolution
- Pluggable 3G (WCDMA) and 4G module
- 8 IP cameras (1080P)
- 3-ch CVBS video outputs and 2-ch audio outputs
- 1-ch VGA video output at up to 1920x1080 resolution
- Two pluggable 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 key data from loss
- Aluminum die-cast chassis with no fan design well adaptable to working environment
- Die-cast aluminum classis(Anti-Vibration)



DS-M5504HNI
4-ch Mobile NVR

- 1920x1080 high resolution
- Pluggable 3G (WCDMA) & GPS module
- 2-ch CVBS video outputs
- 1-ch VGA video output at up to 1920x1080 resolution
- Two pluggable 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 key data from loss
- Aluminum die-cast chassis with no fan design well adaptable to working environment
- Die-cast aluminum classis(Anti-Vibration)
- 4x IP cameras

PRODUCT SHOWCASE

Security Center



DS-96128/256NI-F16/F24 (/H)
Embedded Super NVR

- Maximum 400/640Mbps bitrate Input
- Support 3rd party network cameras
- Up to 8MP resolution recording
- HDMI & VGA output (1920x1080p)
- Support RAID0, 1, 5, 10
- Support redundant power supply
- F16: 16x SATA; F24: 24x SATA
- 1x eSATA, 1x mini SAS, 3x USB 2.0
- /H: support up to 12-ch HDMI output & LCD touch screen



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

- Maximum 320Mbps bitrate Input
- 200Mbps bitrate input (RAID enabled)
- Support 3rd party network cameras
- Up to 12MP resolution recording
- Support H.264/H.264+/H.265 video format
- 2x HDMI & 2x VGA output (3840x2160)
- Support RAID0, 1, 5, 10
- Support redundant power supply
- Dual digital network interfaces
- 8x SATA, 1x eSATA, 2x USB2.0, 1x USB3.0
- 19-inch rack-mounted 2U chassis



iVMS-5200 Professional
Video Management Platform

- Centralized device & user management
- Maximum connected devices per system: 1024
- Maximum 16 control client
- Maximum 16 web client
- Maximum 24 mobile client
- 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
- GIS: Vehicle tracking, GEO fencing



DS-A81016S
Network Storage System

- High performance 64 bit RISC processor
- Up to 16 HDD, 4TB 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 12MP/14fps 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-11/22/41/E
TV Wall Controller

- Maximum 184-ch analog, or 92-ch TVI or 92-ch HDMI/DVI/VGA input
- Maximum 72-ch HDMI/DVI/VGA output
- up to 72pcs screen joint
- Built-in Matrix
- Support joint, division and display
- Base map
- Cross-window video roaming
- Support hot plug
- Redundant power supply



DS-D2046NL/H -C
DS-D2055NL/H -B
Ultra Slim Bezel LCD

- 46" or 55" screen dimension
- -NL: 500cd/ m² brightness
- -NH: 800cd/ m² 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 32-inch
DS-D5022FL 22-inch
LCD Monitor

- 8bit/10bit 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-1100KI
Network Keyboard

- 7" TFT touch screen with 800×480 resolution
- Live view and video playback
- Video wall control
- 4-axis joystick
- Macro command operation
- Up to 255 analog domes by RS-485 connection
- Compatible with Hikvision IP cameras, DVR/NVR, decoder, matrix



EFFECTIVE SURVEILLANCE FOR SUPERIOR HOSPITALITY SERVICES SMART HOTEL SOLUTION



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