

SMART EVOLUTION in IP SURVEILLANCE





Why Choose Steehold's Smart IP Solution 2.0?

As IP surveillance becomes more widespread, requirements increase for the corresponding products and applications. For example, the increased number of locations under surveillance means it's more time-consuming to monitor and prevent unwanted activity. Searching through massive amounts of stored data to find specific events becomes more tedious as well. Additionally, as more and more employers turn to video surveillance as a tool to improve business productivity, it becomes even more important to efficiently manage video footage. In order to meet these challenges, Hikvision introduces its new Smart IP Solution 2.0. With new add-on Smart features and a greater range of security products included, Smart IP Solution 2.0 boasts significant improvement in CCTV safety and business productivity.

Enriched Smart Features

Industry-Leading IP Products

Versatile Solutions

Tailored to Vertical Applications

This amazing and intelligent solution has enriched Smart features, and consists of many innovative, industry-leading IP products. The Smart Solution 2.0 solution is also the ideal choice for various vertical applications.

• Enriched Smart Features

Smart IP Solution 2.0 includes Smart features such as object counting, region entering, region leaving, object removing, object leaving, target cropping stream and ANPR (customization required).

• Industry-Leading IP Products

New IP cameras have been incorporated into this solution, including the DarkFighter series, LightFighter series, 6MP Ultra HD series, 4K series, and new 3MP WDR series, with industry-leading product performance.

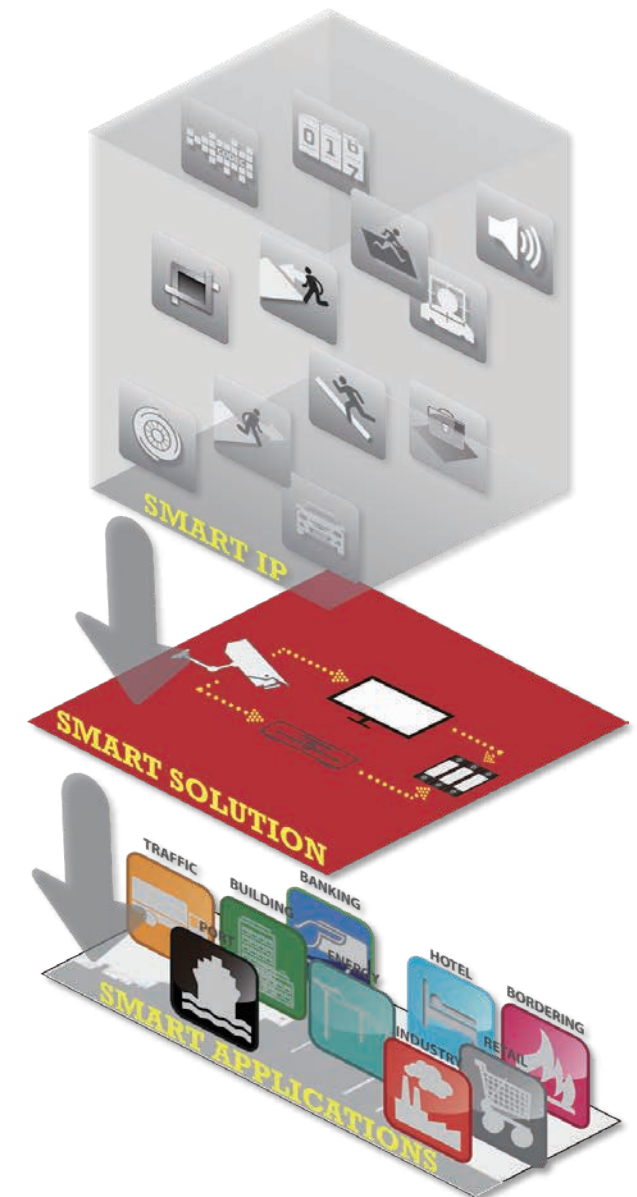
• Versatile Solutions

Smart IPC and Smart NVRs with Smart features are the perfect solution for small and mid-sized applications.

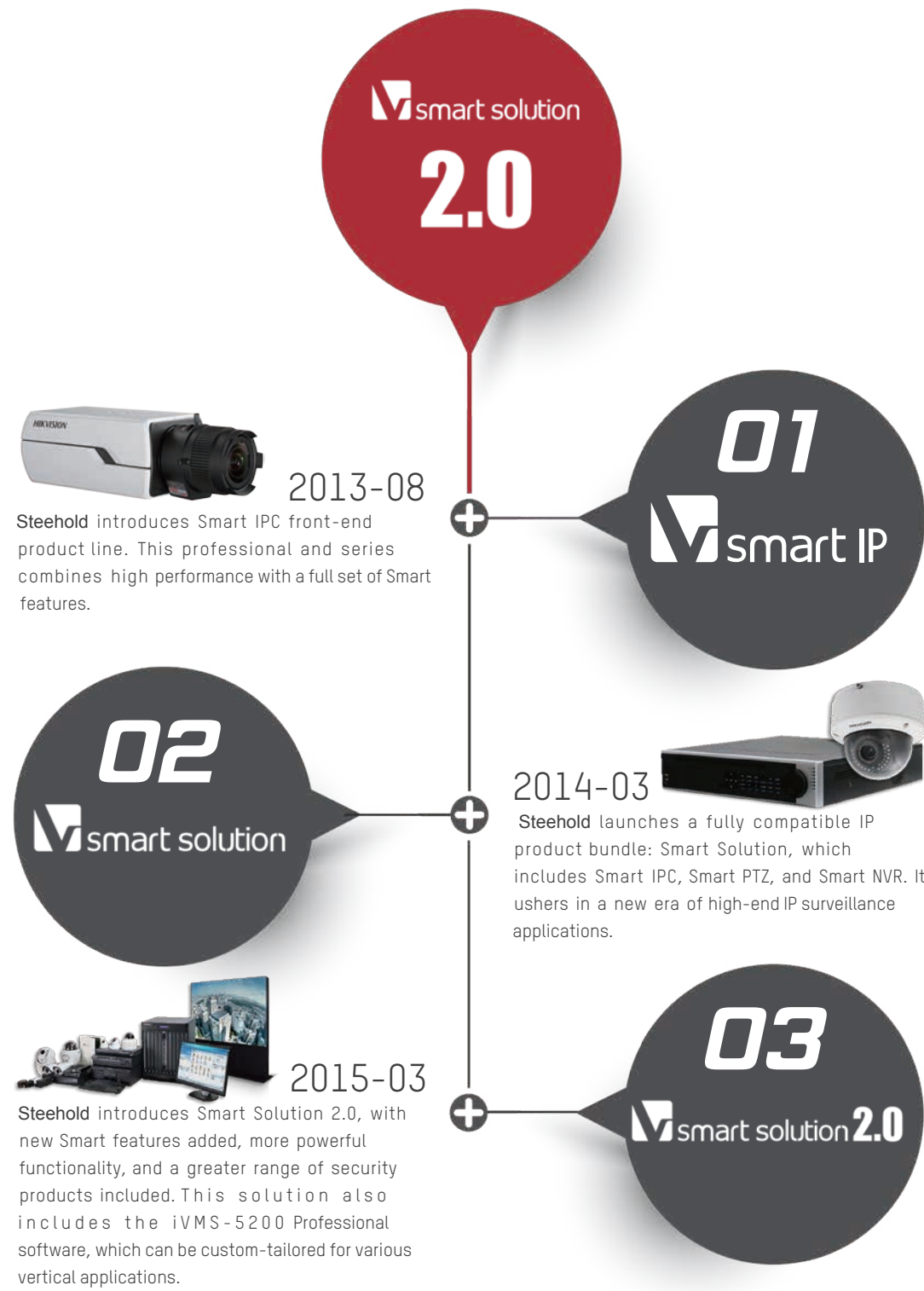
For mid-sized to large-sized applications, iVMS-5200 Professional software further improves the system's effectiveness with Smart features and analytics.

• Tailored to Vertical Applications

As an all-in-one Smart platform to manage cameras, NVRs, alarms, access control and decoders, the Smart Solution 2.0 is loaded, with Smart features and analytics such as people counting, heating mapping, LPR, and more. This makes it highly adaptable to verticals' special requirements and can be used in retail, banking, hotel and industrial applications, among others.



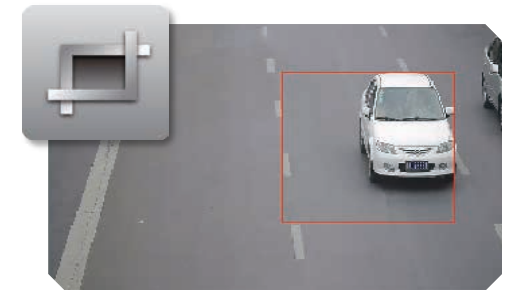
Milestone



Enriched Smart Features

- Target Cropping Stream

The third stream of video can be sent to a different source for recording or display in a pre-defined resolution, thus providing more details of a targeted area if needed.



- Object Counting

You can designate an area of interest and let the camera count objects entering or leaving, which include not only humans but also vehicles. It also offers statistical reports.



- Region Enter / Exit

This function detects people, vehicles or other objects that enter or exit from a pre-defined virtual region, triggering an alarm.



- Object Left Behind / Object Removed

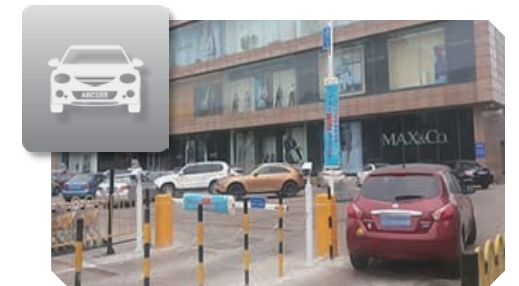
This function detects objects left or removed from a pre-defined region, the alarm is triggered.



- ANPR

On-board ANPR analytics allow the ability to detect and recognize a vehicle's license plate and send ANPR info to a Smart NVR or iVMS-5200P for access management.

* Supports may vary based on local LPR algorithm development and customization process required.



Smart Feature-set

Face Detection, Intrusion Detection, Smart Codec, Low Latency, Line Crossing Detection, Defocus Detection, Scene Change Detection, Audio Detection, ABF, P-Iris, Smart

Industry-leading IP Products

Accurate People Counting Analytic
Customer Traffic Statistic Report



Shop Entrance

Entrance Management
Black/white list filtering



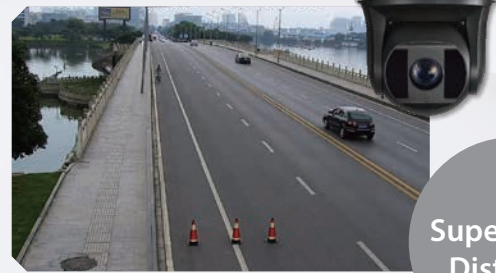
ANPR Access Management

DARKFIGHTER



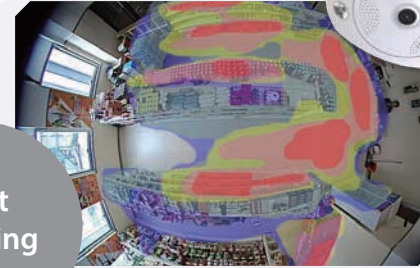
Low Light Environment

Full HD Resolution IR PTZ Camera



Super Long Distance

Heat Mapping Analysis
Multi-location Management via
iVMS-5200 Professional



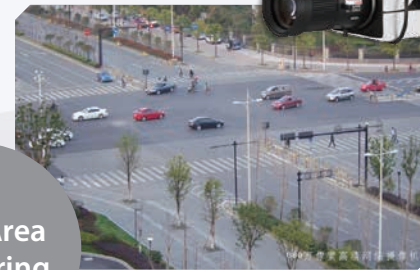
Heat Mapping

360° Panoramic View
One camera can cover a large area,
such as a meeting room, and
minimize total cost



Panoramic View

8MP or 12MP real-time video
Enhanced H.264+ codec



Large Area Monitoring

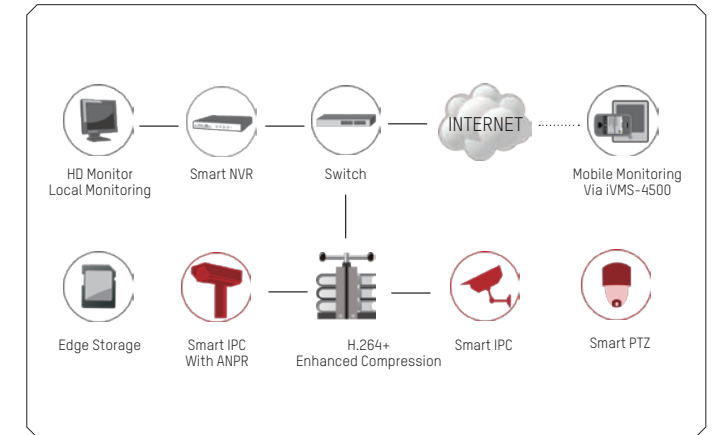
Industry-leading 140dB WDR



High WDR

Versatile Solutions

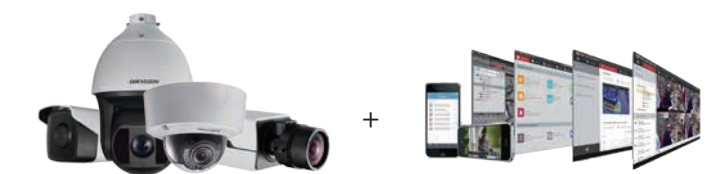
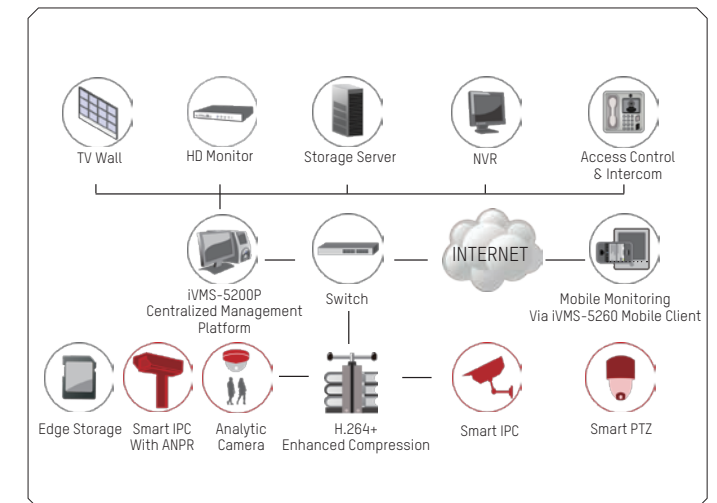
Small/Mid-Sized Applications



IPC

NVR

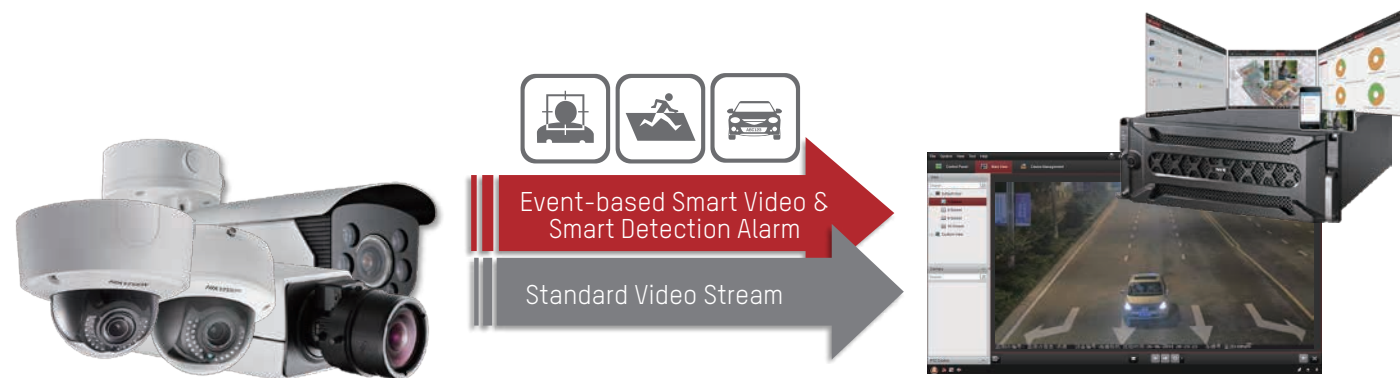
Mid/Large-Sized Applications



IPC

iVMS-5200

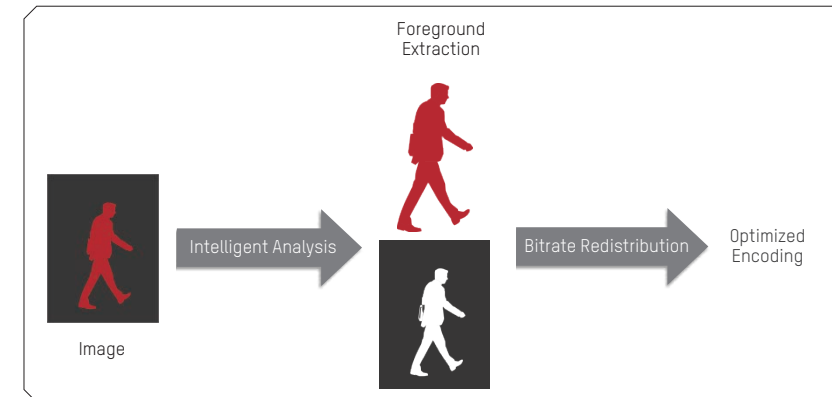
How does it work?



Highlighted Technology

1. Smart Codec – H.264+ optimized compression

An efficient way to benefit 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 Bitrate Control in Long-term Period

Applications	Standard H.264	H.264+	
Busy outdoor road	3448kbps	945kbps	+365%
Non-busy outdoor road	1715kbps	315kbps	+544%
Indoor hallway	1855kbps	419kbps	+443%
Indoor meeting room	1245kbps	164kbps	+757%
Average	2066kbps	460kbps	+448%

* This table is for reference only. Actual performance will vary based on environment's complexity and moving targets.

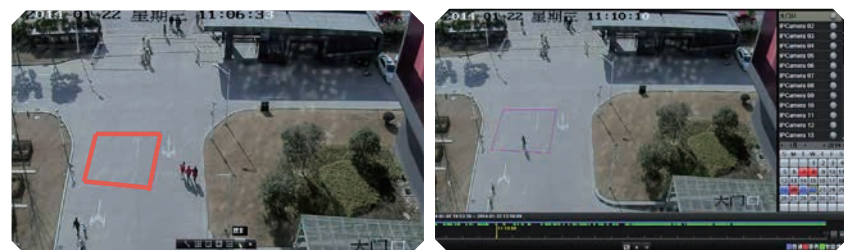
Steehold H.264+ Smart Codec

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.

Smart Search: quick retrieval of the camera's Smart content, such as ANPR or facial recognition.



Smart Playback: playback important events in normal speed, otherwise footage will play in 16x quick view.

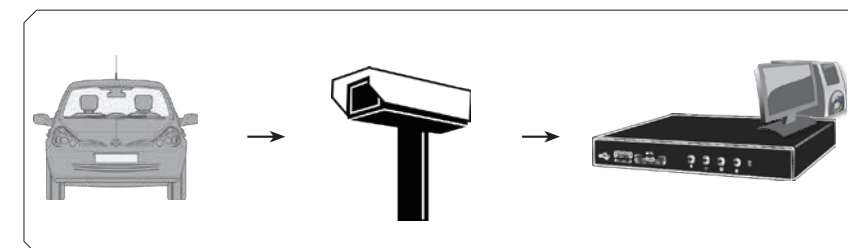


Smart Backup: only store event-based video to maximize storage.

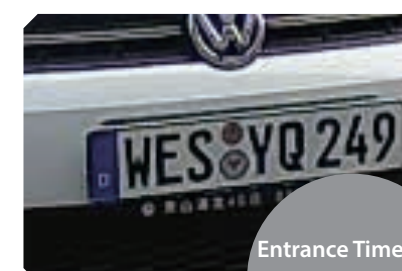


2. ANPR Module

The perfect solution for your entrance management.



Vehicle Detection



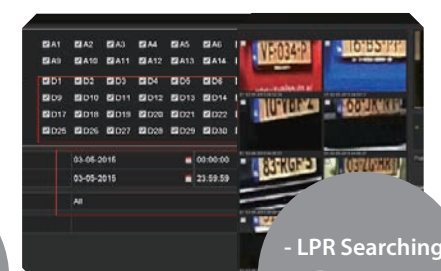
License Plate Recognition

Entrance Time: xxx
Plate No.: WESxxx
Vehicle Type: xxx



Vehicle Management

Auto Comparison
Blacklist Filtering
Alarm Triggering

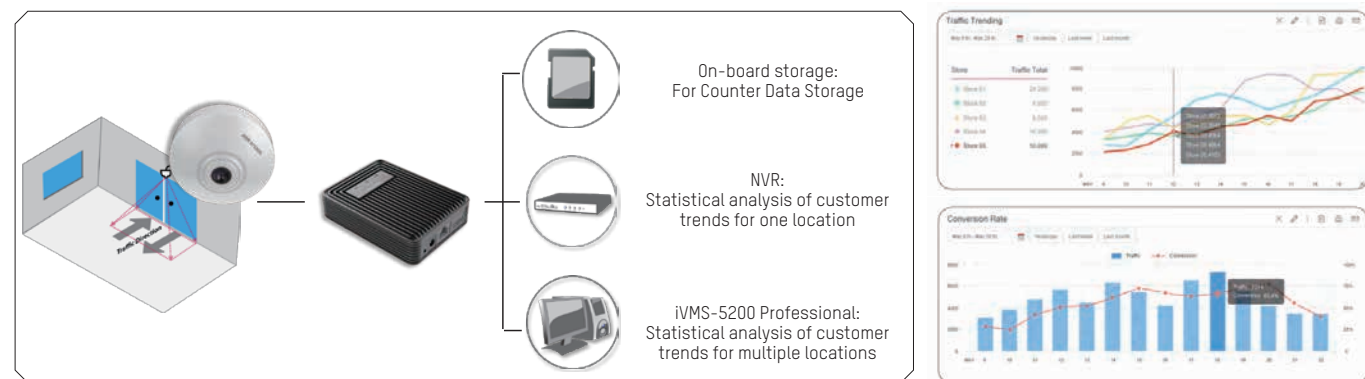


Smart Search
Smart Backup

- LPR Searching
- Post-event Investigation

3. People Counting Module

Boosts productivity as well as security.



Tailored to Vertical Applications



Smart Retail

- POS Management
- POS & Alarm control
- Heat mapping analytic
- People counting analytic
- Demographic analytic
- Multi-Store management
- Conversion rate analytic



Smart Banking

- ATM surveillance
- Event alarm
- Covert monitoring
- Audio exception
- Panoramic monitoring



Smart Hotel

- Entrance management
- VIP list filtering
- Access control
- Auto tracking
- Panoramic monitoring



Smart Industrial

- Intrusion detection
- Thermal detection
- Temperature Detection & Over-heating Prevention
- Explosion-proof camera
- Auto tracking

Application Reference



Highway in Sea Point, South Africa

Hikvision secures one of Cape Town's busiest and most affluent suburbs with a ANPR solution, resulting in a 65% decrease in crime.



Dun Laoghaire Harbour, Ireland

Hikvision Smart imaging and detection technologies withstand severe weather and deliver superior protection with an upgraded and expanded hybrid CCTV system.



GRW, South Africa

GRW, a road-tanker transport business, deploys Smart low light cameras at the factory's perimeter to effectively secure the surroundings day and night.



Thome Oil, Senegal

At Thome Oil's Dakar and M'bour locations, Hikvision 2MP Smart IP cameras are installed to successfully read vehicle number plate at the gas station entrance, providing an efficient entrance management solution for the sites.

Product Showcase

Pro Series Smart PTZs



- DS-2DF82231-AEL(W)**
2MP Ultra-Low Light Network IR PTZ Camera
- 1/1.9" HD CMOS sensor
 - 1920*1080P Full HD, 23X Optical Zoom
 - Ultra-low illumination
 - Smart Tracking
 - Smart Detection
 - 120db True WDR
 - 200m IR distance
 - Optional wiper(-W)
 - Vandal-proof (IK10)



- DS-2DF82361-AEL(W)**
2MP Ultra-Low Light Network IR PTZ Camera
- 1/1.9" HD CMOS sensor
 - 1920*1080P Full HD, 36X Optical Zoom
 - Ultra-low illumination
 - Smart Tracking
 - Smart Detection
 - 120db True WDR
 - 200m IR distance
 - Optional wiper(-W)
 - Vandal-proof (IK10)



- DS-2DF8236IV-AEL(W)**
2MP 140dB WDR Network IR PTZ Camera
- 1920*1080P Full HD, 36X Optical Zoom
 - 140dB WDR
 - Smart Tracking
 - Smart Detection
 - 200m IR distance
 - Optional wiper(-W)
 - Vandal-proof (IK10)



- DS-2DF8336IV-AEL(W)**
3MP 60Fps Network IR PTZ Camera
- 3MP(2048*1536) HD up to 60fps, 36X Optical Zoom
 - Smart Tracking
 - Smart Detection
 - 120db WDR
 - 200m IR distance
 - Optional wiper(-W)
 - Vandal-proof (IK10)



- DS-2DF6223-AEL**
2MP Ultra-Low light Network PTZ Camera
- 1/1.9" HD CMOS sensor
 - 1920*1080P Full HD, 23X Optical Zoom
 - Ultra-low illumination
 - Smart Tracking
 - Smart Detection
 - 120db True WDR
 - Vandal-proof (IK10)



- DS-2DF6236-AEL**
2MP Ultra-Low light Network PTZ Camera
- 1/1.9" HD CMOS sensor
 - 1920*1080P Full HD, 36X Optical Zoom
 - Ultra-low illumination
 - Smart Tracking
 - Smart Detection
 - 120db True WDR
 - Vandal-proof (IK10)



- DS-2DF6236V-AEL**
2MP 140dB WDR Network PTZ Camera
- 1920*1080P Full HD, 36X Optical Zoom
 - 140dB WDR
 - Smart Tracking
 - Smart Detection
 - 200m IR distance
 - Optional wiper(-W)
 - Vandal-proof (IK10)



- DS-2DF6336V-AEL**
3MP 60Fps Network PTZ Camera
- 3MP(2048*1536) HD up to 60fps, 36X Optical Zoom
 - Smart Tracking
 - Smart Detection
 - 120db WDR
 - Hi-PoE / 24VAC power supply
 - Vandal-proof (IK10)

Smart IP Network Cameras



- DS-2CD4025FWD-A(P)**
2MP Smart IP Box Camera
- 1920x1080 resolution
 - Full HD1080p, up to 60fps
 - 140dB WDR
 - Auto Back Focus
 - (P) P-Iris optional
 - Full Smart Feature-set
 - Stereo Audio Sampling, Triple Power Supply, Supports On-board Storage



- DS-2CD4026FWD-A(P)**
2MP Smart IP Box Camera
- 1920x1080 resolution
 - Full HD1080p, up to 60fps
 - Ultra Low light
 - 120dB WDR
 - Auto Back Focus
 - (P) P-Iris optional
 - Full Smart Feature-set
 - Stereo Audio Sampling, Triple Power Supply, Supports On-board Storage
 - Supports ANPR *customization process required



- DS-2CD4035FWD-A(P)**
3MP Smart IP Box Camera
- 2048x1536 resolution
 - Real-time video
 - Up to 25fps video
 - 120dB WDR
 - Auto Back Focus
 - (P) P-Iris optional
 - Full Smart Feature-set
 - Stereo Audio Sampling, Triple Power Supply, Supports On-board Storage



- DS-2CD4065F-A(P)**
6MP Smart IP Box Camera
- 3072x2048 resolution
 - Up to 25fps video
 - 2.8-12mm Motorized VF lens
 - Auto Back Focus
 - (P) P-Iris optional
 - Full Smart Feature-set
 - Stereo Audio Sampling, Triple Power Supply, Supports On-board Storage



- DS-2CD4085F-A(P)**
8MP Smart IP Box Camera
- 4096 x 2160 resolution
 - Auto Back Focus
 - DWDR
 - (P) P-Iris optional
 - Full Smart Feature-set
 - Stereo Audio Sampling, Triple Power Supply, Supports On-board Storage



- DS-2CD40C5F-A**
12MP Smart IP Box Camera
- 4000 x 3000 resolution
 - DWDR
 - Auto Back Focus
 - Full Smart Feature-set
 - Stereo Audio Sampling, Triple Power Supply, Supports On-board Storage



- DS-2CD4125FWD-IZ**
2MP Smart IP Indoor Dome Camera
- 1920x1080 resolution
 - Full HD1080p, up to 60fps
 - 140dB WDR
 - 2.8-12mm Motorized VF lens
 - Vandal-proof
 - Up to 30m IR
 - Full Smart Feature-set
 - Smart Auto Focus, Audio/Alarm IO



- DS-2CD4126FWD-IZ**
2MP Smart IP Indoor Dome Camera
- 1920x1080 resolution
 - Full HD1080p, up to 60fps
 - Ultra Low light
 - 120dB WDR
 - 2.8-12mm Motorized VF lens
 - Vandal-proof
 - Up to 30m IR
 - Full Smart Feature-set
 - Smart Auto Focus, Audio/Alarm IO

Smart IP Network Cameras



- DS-2CD4135FWD-IZ**
3MP Smart IP Indoor Dome Camera
- 2048x1536 resolution
 - Real-time video
 - 120dB WDR
 - 2.8~12mm Motorized VF lens
 - Vandal-proof
 - Up to 30m IR
 - Full Smart Feature-set
 - Smart Auto Focus, Audio/Alarm IO



- DS-2CD4165F-IZ**
6MP Smart IP Indoor Dome Camera
- 3072x2048 resolution
 - Up to 25fps video
 - WDR
 - 2.8~12mm Motorized VF lens
 - Vandal-proof
 - Up to 30m IR
 - Full Smart Feature-set
 - Smart Auto Focus, Audio/Alarm IO



- DS-2CD4185F-IZ**
8MP Smart IP Indoor Dome Camera
- 4096 x 2160 resolution
 - 2.8~12mm Motorized VF lens
 - Smart Auto Focus
 - DWDR
 - Audio/Alarm IO
 - Vandal-proof
 - Up to 30m IR
 - Full Smart Feature-set



- DS-2CD4A25FWD-IZ(S)(H)**
2MP Smart IP Bullet Camera
- LIGHTFIGHTER**
- 1920x1080 resolution
 - Full HD1080p, up to 60fps
 - 140dB WDR
 - 2.8~12mm Motorized VF lens
 - 8~32mm lens optional
 - IP67
 - Up to 100m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - (-S) Audio/Alarm IO optional
 - (-H) Built-in heater optional



- DS-2CD4635FWD-IZ(S)(H)**
3MP Smart IP Outdoor Bullet Camera
- 2048x1536 resolution
 - Full HD1080p, up to 60fps
 - 120dB WDR
 - 2.8~12mm Motorized VF lens
 - 8~32mm Motorized VF lens optional
 - Smart Auto Focus
 - IP66 & Vandal-proof
 - Up to 150m IR
 - Full Smart Feature-set
 - (-S) Audio/Alarm IO optional
 - (-H) Built-in heater & fan optional



- DS-2CD4665F-IZ(S)(H)**
6MP Smart IP Outdoor Bullet Camera
- 3072x2048 resolution
 - WDR
 - 2.8~12mm Motorized VF lens
 - Smart Auto Focus
 - IP66 & Vandal-proof
 - Up to 70m IR
 - Full Smart Feature-set
 - (-S) Audio/Alarm IO optional
 - (-H) Built-in heater & fan optional



- DS-2CD4685F-IZ(S)(H)**
8MP Smart IP Outdoor Bullet Camera
- 4096 x 2160 resolution
 - 2.8~12mm Motorized VF lens
 - Smart Auto Focus
 - IP66 & Vandal-proof
 - Up to 70m IR
 - Full Smart Feature-set
 - (-S) Audio/Alarm IO optional
 - (-H) Built-in heater & fan optional



- DS-2CD6026FHW(0733mm)**
Smart IP Box Camera
- DARKFIGHTER**
- 1920x1080 resolution
 - Full HD1080p, up to 60fps
 - Ultra low-light
 - 07~33mm Super Large Aperture VF lens included
 - ABF optional (-A)
 - 120dB WDR
 - Supports ANPR *customization process required



- DS-2CD4A26FWD-IZ(S)(H)**
2MP Smart IP Bullet Camera
- DARKFIGHTER**
- 1920x1080 resolution
 - Full HD1080p, up to 60fps
 - Ultra Low light
 - 120dB WDR
 - 2.8~12mm Motorized VF lens
 - Up to 50m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - Supports ANPR *customization process required
 - (-S) Audio/Alarm IO optional
 - (-H) Built-in heater optional



- DS-2CD4A35FWD-IZ(S)(H)**
3MP Smart IP Bullet Camera
- 2048x1536 resolution
 - Real-time video
 - 120dB WDR
 - 2.8~12mm Motorized VF lens
 - 8~32mm lens optional
 - IP67
 - Up to 100m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - (-S) Audio/Alarm IO optional
 - (-H) Built-in heater optional



- DS-2CD4A65F-IZ(S)(H)**
6MP Smart IP Bullet Camera
- 3072x2048 resolution
 - Real-time video
 - WDR
 - 2.8~12mm Motorized VF lens
 - IP67
 - Up to 50m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - (-S) Audio/Alarm IO optional
 - (-H) Built-in heater optional



- DS-2CD4A85F-IZ(S)(H)**
8MP Smart IP Bullet Camera
- 4096 x 2160 resolution
 - Up to 25fps video
 - 2.8~12mm Motorized VF lens
 - Smart Auto Focus
 - IP67
 - Up to 50m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - (-S) Audio/Alarm IO optional
 - (-H) Built-in heater optional



- DS-2CD6362F-I**
6MP IR Fisheye Camera
- 360° Panoramic View
 - Supports People Counting (2015.07)
 - ePTZ control
 - Supports Heat Mapping Analytic
 - Supports People Counting (2015.07)
 - On-board hardware de-warping
 - Supports software de-warping (via iVMS5200P)
 - Audio/Alarm IO (-S)
 - Outdoor version: IP66 & Vandal-proof (-V)



- DS-2CD63C2F-I(S)(V)**
12MP IR Fisheye Camera
- 360° Panoramic View
 - Up to 4000x3072 resolution
 - Supports People Counting (2015.07)
 - Supports Heat Mapping Analytic
 - Supports People Counting (2015.07)
 - On-board hardware de-warping
 - Supports software de-warping (via iVMS5200P)
 - Audio/Alarm IO (-S)
 - Outdoor version: IP66 & Vandal-proof (-V)



- DS-2CD6412FWD-10/-20/-30**
1.3MP WDR Covert Camera
- 1280x960 resolution
 - 120dB WDR
 - Supports on-board storage
 - Audio/Alarm IO
 - Pinhole lens (-10/20)
 - Fixed tube lens (-30)
 - Up to 8m lens cable



- DS-2CD6412FWD-11/-21/-31**
1.3MP WDR Dual-lens Covert Camera
- 1280x960 resolution
 - 120dB WDR
 - Supports on-board storage
 - Audio/Alarm IO
 - Pinhole lens (-11/21)
 - Fixed tube lens (-31)
 - Supports dual lens units
 - Up to 8m lens cable



- DS-2CD4525FWD-IZ(H)**
2MP Smart IP Outdoor Dome Camera
- LIGHTFIGHTER**
- 1920x1080 resolution
 - Full HD1080p, up to 60fps
 - 140dB WDR
 - 2.8~12mm Motorized VF lens
 - 8~32mm lens optional
 - IP66 & Vandal-proof
 - Up to 50m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - (-H) Built-in heater & fan optional



- DS2CD4526FWD-IZ(H)**
2MP Smart IP Outdoor Dome Camera
- DARKFIGHTER**
- 1920x1080 resolution
 - Full HD1080p, up to 60fps
 - 140dB WDR
 - 2.8~12mm Motorized VF lens
 - IP66 & Vandal-proof
 - Up to 50m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - (-H) Built-in heater & fan optional



- DS2CD4526FWD-IZM(H)**
2MP Smart IP HDMI Outdoor Dome Camera
- DARKFIGHTER**
- Built-in HDMI interface
 - 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



- DS-2CD4535FWD-IZ(H)**
3MP Smart IP Outdoor Dome Camera
- 2048x1536 resolution
 - Real-time video
 - 120dB WDR
 - 2.8~12mm Motorized VF lens
 - 8~32mm lens optional
 - IP66 & Vandal-proof
 - Up to 50m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - (-H) Built-in heater & fan optional



- DS-2CD4565F-IZ(H)**
6MP Smart IP Outdoor Dome Camera
- 3072x2048 resolution
 - Up to 25fps video
 - 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



- DS-2CD4585F-IZ(S)(H)**
8MP Smart IP Outdoor Dome Camera
- 4096 x 2160 resolution
 - Up to 25fps video
 - 2.8~12mm Motorized VF lens
 - Smart Auto Focus
 - IP66 & Vandal-proof
 - Up to 40m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - (-H) Built-in heater & fan optional



- DS-2CD4625FWD-IZ(S)(H)**
2MP Smart IP Outdoor Bullet Camera
- LIGHTFIGHTER**
- 1920x1080 resolution
 - Full HD1080p, up to 60fps
 - 140dB WDR
 - Smart Auto Focus
 - 8~32mm lens optional
 - IP66 & Vandal-proof
 - Up to 150m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - (-S) Audio/Alarm IO optional
 - (-H) Built-in heater & fan optional



- DS-2CD4626FWD-IZ(S)(H)**
2MP Smart IP Outdoor Bullet 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 70m IR
 - Full Smart Feature-set
 - Smart Auto Focus
 - (-S) Audio/Alarm IO optional
 - (-H) Built-in heater & fan optional

Smart IP Network Cameras

Access Controllers, Network Storage,



- DS-K2601**
Single door Access Controller
- Reader Number: 2 Wiegand reader & 2 RS485 reader
 - Entry mode: Single-door & one direction, Single-door & bidirection
 - Input interface: 4 alarm input, 1 Gate magnetic switch, 1 button, 1 case input, 1 anti-dismantle
 - Output interface: 1 open door relay & alarm relay
 - Supports 100,000 card holders and 300,000 transactions



- DS-K2602**
Double door Access Controller
- Reader Number: 2 Wiegand reader & 2 RS485 reader
 - Entry mode: Single-door & one direction, Single-door & bidirection
 - Input interface: 4 alarm input, 1 Gate magnetic switch, 1 button, 1 case input, 1 anti-dismantle
 - Output interface: 1 open door relay & alarm relay
 - Supports 100,000 card holders and 300,000 transactions



- DS-K2604**
Four door Access Controller
- Reader Number: 4 Wiegand reader & 8 RS485 reader
 - Entry mode: Single-door & one direction, Single-door & bidirection
 - Input interface: 4 alarm input, 4 Gate magnetic switch, 8 button, 4 case input, 1 anti-dismantle
 - Output interface: 4 open door relay & alarm relay
 - Supports 100,000 card holders and 300,000 transactions



- DS-K1101M**
DS-K1101MK Card Reader
- Supports Mifare 1 card
 - With keypad (DS-K1101MK)
 - Communication interface: RS485 and wiegand output, Anti-dismantle
 - Suitable for 120-type surface mounted back box



- DS-K1102M**
DS-K1102MK
Card Reader
- Supports Mifare 1 card
 - With keypad (DS-K1102MK)
 - Communication interface: RS485 and wiegand output, Anti-dismantle
 - Suitable for 86-type & 120-type surface mounted back box



- DS-K1104M**
DS-K1104MK
Vandal Proof Card Reader
- Supports Mifare 1 card
 - With keypad (DS-K1104MK)
 - Communication interface: RS485 and wiegand output, Anti-dismantle
 - Suitable for 86-type & 120-type surface mounted back box
 - Vandal Proof



- DS-A81016S**
Network Storage System
- High performance with 64 bit RISC processor
 - Up to 16 HDD, each disk up to 4TB capacity
 - Support up to 180-ch 4CIF real-time recording
 - iSCSI/NFS/CIFS/FTP/HTTP/AFP protocols
 - RAID 0, 1, 3, 5, 10, 50 and HDD hotswap supported
 - Dual Gigabit network interfaces
 - Modularization and redundant power design for highest reliability



- DS-A82024D**
Stable & Reliable Storage Device
- High-performance & Easy-extensible Hardware Platform
 - Highly Reliable System Design, double controller, automatic service takeover when failure occurs
 - Disk Detection, Repair and RAID Optimization
 - Low Power Design
 - Massive Storage Space, 4U chassis with 24 HDs and cascade extension support

NVRs



DS-96128/256NI-E16(-E24)(/H)
Embedded Super NVR

- 400/640Mbps Bit Rate Input Max(up to 128/256-ch IP video)
- Third-party network cameras supported
- Up to 8 Megapixels resolution recording
- HDMI and VGA output at up to 1920×1080P resolution
- Supports RAID0, 1, 5, 10 & Dual Power
- 16 SATA(DS-96128/256NI-E16)/24 SATA(DS-96128/256NI-E24), 1eSATA, 1 mini SAS, 3 USB2.0
- /H models support up to 6-ch HDMI output interfaces



DS-9632/64NI-ST(-RT)(-XT)
Embedded 2U NVR

- 160Mbps Bit Rate Input Max(up to 32/64-ch IP video)
- Third-party network cameras supported
- Up to 5 Megapixels resolution recording
- HDMI and VGA output at up to 1920×1080P resolution
- Dual Gigabit network interfaces
- 8 SATA(DS-9632/64NI-ST/RT)/16 SATA(DS-9632/64NI-XT), 1 eSATA, 3 USB2.0
- *-RT and *-XT series supports RAID0, 1, 5, 10



DS-7716/32NI-E4(-E4/16P)
Embedded 1.5U PoE NVR

- 100/200Mbps Bit Rate Input Max(up to 16/32-ch IP video)
- Third-party network cameras supported
- Up to 5 Megapixels resolution recording
- HDMI and VGA output at up to 1920×1080P resolution
- Gigabit network interfaces
- 4 SATA, 2 USB 2.0, 1 USB 3.0
- *-E4/16P series supports 16 independent PoE network interfaces

Video Walls



DS-D2055NH / DS-D2055NL
video wall display unit

- 55-inch, ultra-narrow bezel LCD screen, full-array LED backlight
- Max resolution: 1920×1080
- Brightness: 700cd/m2(NH), 450cd/m2(NL)
- Contrast ratio: 3500:1
- Splicing-line width: 5.3mm



DS-D5021FC
21" LCD Monitor

- 8bit/10bit 2-ch LVDS(1920×1080) HD display;
- 170° H wide viewing angle;
- True color OSD and user-friendly operation menu;
- Supports 16:9 or 4:3 aspect ratio selectable in OSD menu;
- HDMI, VGA, BNC interfaces
- Built-in speaker and audio amplifier

iVMS



iVMS 5200 Pro
iVMS-5200 Professional Software

- Centralized equipment and user management
- Support access control & license plate recognition;
- Support business intelligence & POS integration;
- Maximum connected devices per system: 1024
- Control client: max 16, Web client: max 16, Mobile client: max 64;
- 3rd party surveillance integration via ONVIF protocol and SDK



Mobile transportation (Add-on)

- HD Video Monitoring to Deal With Abnormal Situations
- Integrated GIS Map to Manage the On-duty Vehicles
- Multiple Linkage Actions to Handle Exceptional Events
- Business Intelligence to Enhance the Revenue



Business intelligence (Add-on)

- Transaction Data Analysis: Employee Transaction Report / Commodity Sales Volume / Top Selling
- People Counting Analysis: Customer Traffic Distribution / Customer Traffic Trending/ Customer Gender Analysis / Conversion Rate
- Retail Traffic Analysis: Heat Map / Globe Hot Area
- Statistic table export / email / print



Transact (Add-on)

- POS live view, Display transaction data alongside corresponding video;
- Transaction Event alarm and report;
- POS search and playback based on invoice number;
- Flexible POS integration support



License plate recognition (LPR, Add-on)

- LPR info capture and storage (vehicle surveillance snapshot, plate numbers, etc.)
- Auto display the recognized license plate info while live view
- Search based on time, cameras, plate No. etc.



Access control sub-system (Add-on)

- Control the doors: Open Door / Close Door / Remain Open / Remain Closed
- Display the door status via different icons
- View real-time access events and card holders
- Search and view the historical access events

Brackets, Housing



Box Camera

	DS-1203ZJ Pendant Mount		DS-1292ZJ Wall mount		DS-1269ZJ Pendant Mount		DS-1275ZJ Vertical Pole Mount
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	DS-1293ZJ Wall mount		DS-1214ZJ Horizontal pole mount				
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Indoor Dome

	DS-1273ZJ-130 Wall mount		DS-1273ZJ-130B Wall mount		DS-1271ZJ-130 Pendant Mount		DS-1227ZJ In-ceiling Mount
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	DS-1275ZJ Pole Mount		DS-1276ZJ Corner mount		DS-1280ZJ-DM21 Junction box		DS-1281ZJ-DM23 Inclined ceiling mount
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	DS-1250ZJ Rain-proof Cap		DS-1253ZJ-L Weather Cap				
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IR Fisheye

	DS-1280ZJ-DM25 Junction box		DS-1281ZJ-DM25 Inclined ceiling mount		DS-1273ZJ-DM25 Wall mount		DS-1271ZJ-DM25 Pendant mount
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	DS-1283ZJ Wall mount						
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Outdoor Dome

	DS-1280ZJ-DM26 Junction box		DS-1281ZJ-DM26 Inclined ceiling mount		DS-1273ZJ-DM26 Wall mount		DS-1273ZJ-DM26-B Wall mount with junction box
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	DS-1271ZJ-DM26 Pendant mount						
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Covert Camera

	DS-1290ZJ-BL Clamp bracket		DS-1291ZJ-BL Desktop/Pendant mount				
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Lens



HF3417D-12MPIR
 12MP, IR Correction, 1/1.8", F1.7,
 3.4mm Wide angle Fixed lens



DARKEYE HV0733D-6MP
 6MP, 1/1.8", F0.95 Super Large Aperture
 7~33mm Vari-focal, DC-Iris



HV1140P-8MPIR
 8MP, IR Correction, 1/1.8", F1.5
 11~40mm Vari-focal, P-Iris



HV3816P-8MPIR
 8MP, IR Correction, 1/1.8", F1.5
 3.8~16mm Vari-focal, P-Iris



HV1140D-8MPIR
 8MP, IR Correction, 1/1.8", F1.5
 11~40mm Vari-focal, DC-Iris



HV3816D-8MPIR
 8MP, IR Correction, 1/1.8", F1.5
 3.8~16mm Vari-focal, DC-Iris