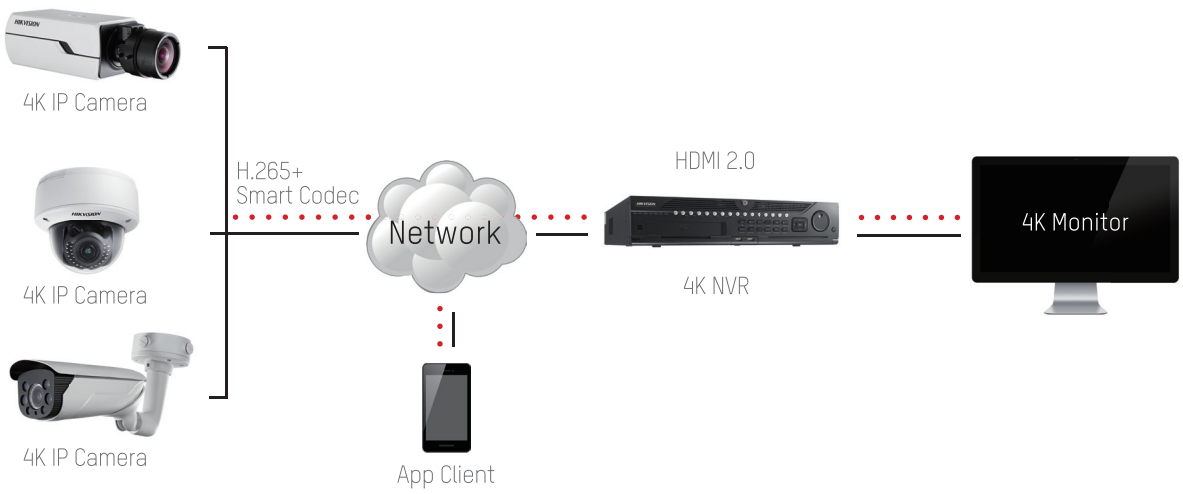
HIKVISION

DISCOVER
THE FULL VALUE OF 4K
HIKVISION 4K SYSTEM

With 4K technology quickly coming into focus, opportunities to apply it to security efforts continue to grow. As a leading supplier of video surveillance equipment, Hikvision has paid close attention to the rise of 4K, and now has rolled out a complete set of 4K products in various markets worldwide.

Without 4K monitors and NVRs, 4K cameras cannot be used to their full potential, and therefore have little practical use in surveillance. But by packing ultra-high definition and smart functions into an entire set of 4K products – cameras, NVRs and monitors – Hikvision is providing a better experience for security customers.

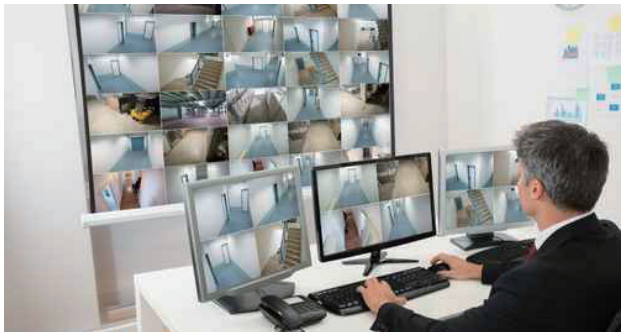
SYSTEM STRUCTURE



KEY FEATURES

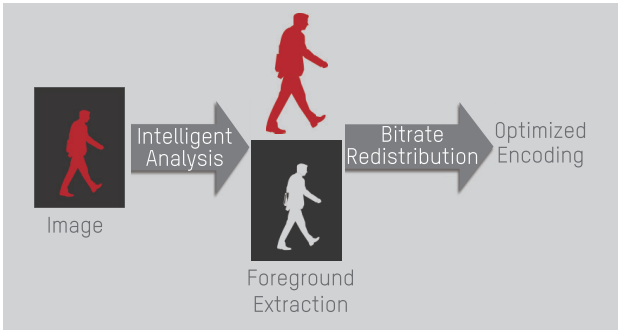
Ultra-High Definition (UHD)

Until now, limited resolution has often hindered the accuracy of video analytics, mainly due to missing image details. Today, Hikvision's 4K system provides users incredibly clear and crisp images with increased quality and details, facilitating video content analytics and thus better use of video data.



H.265+ Smart Codec

Hikvision 4K system incorporates H.265+ video compression, which allows users to more efficiently manage ultra-high definition video footage. Hikvision H.265+ improves the compression ratio with three key technologies – predictive encoding, noise suppression, and flexible bitrate control – reducing bandwidth and storage costs.



4K Output

Hikvision's 4K NVR is equipped with an HDMI 2.0 interface, transmitting video with 4K resolution and providing a more comprehensive solution than systems that are only able to provide 4K cameras or 4K codecs without the 4K output.

Full Smart Feature-set

As a part of Hikvision's smart product family, 4K products are equipped with features such as Smart Tracking, False Alarm Filtering, and smart detections including intrusion, line crossing, region entrance, region exit, and more.

APPLICATION SCENARIOS

The Hikvision 4K system will vastly improve applications in various scenarios such as city surveillance, stadiums, and parking lots, to name just a few, where clear, high-resolution images and intelligent surveillance are necessary. This is a system that includes a full set of 4K products versus a single 4K device. Hikvision leads the industry in offering a complete solution that allows 4K technology to be implemented in a variety of domains.

Parking lots

Cities

Stadiums

PRODUCT SHOWCASE

DS-2CD5585G0-IZS(H)
8 MP VF Dome Network Camera

- 1/1.8" Progressive Scan CMOS
- 3840 × 2160 @ 30 fps, MJPEG up to 1920 × 1080 @ 30 fps
- 2.8-12 mm motor-driven lens, 8-32 mm coming soon
- Color: 0.007 lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264, H.264+
- 120 dB WDR
- 3D DNR
- IR range up to 30 m
- 5 defined streams and up to 5 custom streams supported
- 6 behavior analyses, 3 exception detection, and face detection
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB
- Alarm I/O
- IP67, IK10

DS-2CD55C5G0-IZS(H)
12 MP IR VF Dome Network Camera

- 1/1.7" Progressive Scan CMOS
- 4000 × 3000 @ 20 fps
- 2.8-12 mm motor-driven lens
- Color: 0.008 lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264, H.264+
- Digital WDR
- 3D DNR
- IR range up to 30 m
- 5 defined streams and up to 5 custom streams supported
- 6 behavior analyses, 3 exception detection, and face detection
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB
- Alarm I/O, Audio I/O
- 12 VDC power output
- IP67, IK10

DS-2CD5A85G0-IZS(H)
8 MP VF Bullet Network Camera

- 1/1.8" Progressive Scan CMOS
- 3840 × 2160 @ 30 fps, MJPEG up to 1920 × 1080 @ 30 fps
- 2.8-12 mm motor-driven lens, 8-32 mm coming soon
- Color: 0.007 lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264, H.264+
- 120 dB WDR
- 3D DNR
- IR range up to 50 m
- 5 defined streams and up to 5 custom streams supported
- 6 behavior analyses, 2 exception detection, and face detection
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB
- Alarm I/O
- IP67, IK10

DS-2CD5AC5G0-IZS(H)
12 MP IR VF Bullet Network Camera

- 1/1.7" Progressive Scan CMOS
- 4000 × 3000 @ 20 fps
- 2.8-12 mm motor-driven lens
- Color: 0.008 lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264, H.264+
- Digital WDR
- 3D DNR
- IR range up to 50 m
- 5 defined streams and up to 5 custom streams supported
- 6 behavior analyses, 2 exception detection, and face detection
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB
- Alarm I/O
- IP67, IK10

DS-2CD7085G0-(AP)
8 MP Box Network Camera

- 1/1.8" Progressive Scan CMOS
- 3840 × 2160 @ 30 fps
- Color: 0.007 lux @ (F1.2, AGC ON)
- Auto-iris, DC drive and P-iris optional
- Auto back focus (ABF) optional
- H.265, H.265+, H.264, H.264+
- 120 dB WDR
- Alarm I/O
- Audio I/O, mono sound
- High accuracy face detection and capture, which adopts new face detection, tracking and grading algorithms based on deep-learning technology
- Perimeter protection, based on deep learning powered target detection and classification algorithms, supports detection of line crossing, intrusion, region entrance, and region exit
- Five defined streams and up to five custom streams
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB

DS-2CD7585G0-IZ(H)S
8 MP IR Vari-Focal Dome Network Camera

- 1/1.8" Progressive Scan CMOS
- 3840 × 2160 @ 30 fps
- 2.8-12 mm motor-driven lens, 8-32 mm coming soon
- Color: 0.007 lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264, H.264+
- 120 dB WDR
- IR range up to 30 m
- Alarm I/O, Audio I/O
- IP67, IK10
- Anti-IR reflection
- High accuracy face detection and capture, which adopts new face detection, tracking and grading algorithms based on deep-learning technology
- Perimeter protection, based on deep learning powered target detection and classification algorithms, supports detection of line crossing, intrusion, region entrance, and region exit
- Five defined streams and up to five custom streams
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB

DS-2CD7585G0-IZ(H)S
8 MP IR Vari-Focal Dome Network Camera

- 1/1.8" Progressive Scan CMOS
- 3840 × 2160 @ 30 fps
- 2.8-12 mm motor-driven lens, 8-32 mm coming soon
- Color: 0.007 lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264, H.264+
- 120 dB WDR
- IR range: up to 50 m for 2.8-12 mm lens
- Alarm I/O
- IP67, IK10
- High accuracy face detection and capture, which adopts new face detection, tracking and grading algorithms based on deep-learning technology
- Perimeter protection, based on deep learning powered target detection and classification algorithms, supports detection of line crossing, intrusion, region entrance, and region exit
- Five defined streams and up to five custom streams
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB

DS-2CD7A85G0-IZ(H)S
8 MP IR Vari-Focal Bullet Network Camera

- 1/1.8" Progressive Scan CMOS
- 3840 × 2160 @ 30 fps
- 2.8-12 mm motor-driven lens, 8-32 mm coming soon
- Color: 0.007 lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264, H.264+
- 120 dB WDR
- IR range: up to 50 m for 2.8-12 mm lens
- Alarm I/O
- IP67, IK10
- High accuracy face detection and capture, which adopts new face detection, tracking and grading algorithms based on deep-learning technology
- Perimeter protection, based on deep learning powered target detection and classification algorithms, supports detection of line crossing, intrusion, region entrance, and region exit
- Five defined streams and up to five custom streams
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB

DS-2DF8825IX-AEL(W)
DS-2DF8836IX-AEL(W)
DS-2DF8836I5X-AEL(W)
8 MP IR Network PTZ Dome

- 2/3" progressive scan CMOS
- Up to 4096 × 2160 resolution
- Min. Illumination:
  Color: 0.005 lux @ (F1.5, AGC ON)
  B/W: 0.0005 lux @ (F1.5, AGC ON)
- 25/36× optical zoom, 16× digital zoom
- Digital WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Up to 200 m IR / 500 m laser distance
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IK10 IP67

DS-2DF6A825X-AEL
DS-2DF6A836X-AEL
8 MP Network PTZ Dome

- 2/3" progressive scan CMOS
- Up to 4096 × 2160 resolution
- Min. illumination:
  Color: 0.005 lux @ (F1.5, AGC ON)
  B/W: 0.0005 lux @ (F1.5, AGC ON)
- 25/36× optical zoom, 16× digital zoom
- Digital WDR, 3D DNR, HLC, BLC, Optical Defog, EIS
- 24 VAC & Hi-PoE
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IK10, IP67

DS-96000NI-I16(/H)
DS-96000NI-I24(/H)
Super I Series 4K NVR

- Up to 24 MP resolution recording
- H.265, H.265+, H.264, H.264+ video compression
- Dual HDMI output at up to 4K (3840 x 2160) resolution
- Up to 768 Mbps incoming bandwidth
- Up to 20-ch 1080p decoding capability
- Third-party network cameras supported
- RAID 0, 1, 5, 10 supported
- 4 Gigabit Ethernet interfaces

DS-9600NI-I8
DS-7700NI-I4(/16P)(B)
DS-7600NI-I2(/8/16P)
I Series 4K NVR

- Up to 12 MP resolution recording
- H.265, H.265+, H.264, H.264+ video compression
- HDMI output at up to 4K (3840 x 2160) resolution
- Up to 320 Mbps incoming bandwidth
- Up to 16-ch 1080p decoding capability
- Third-party network cameras supported
- RAID 0, 1, 5, 10 supported for the DS-9600NI-I8 models
- 4 Gigabit Ethernet interfaces

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Distributed by

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