

4K  
TOTAL SYSTEM

**HIKVISION**

 smart solution **2.0**



DISCOVER  
THE TRUE VALUE OF  
4K

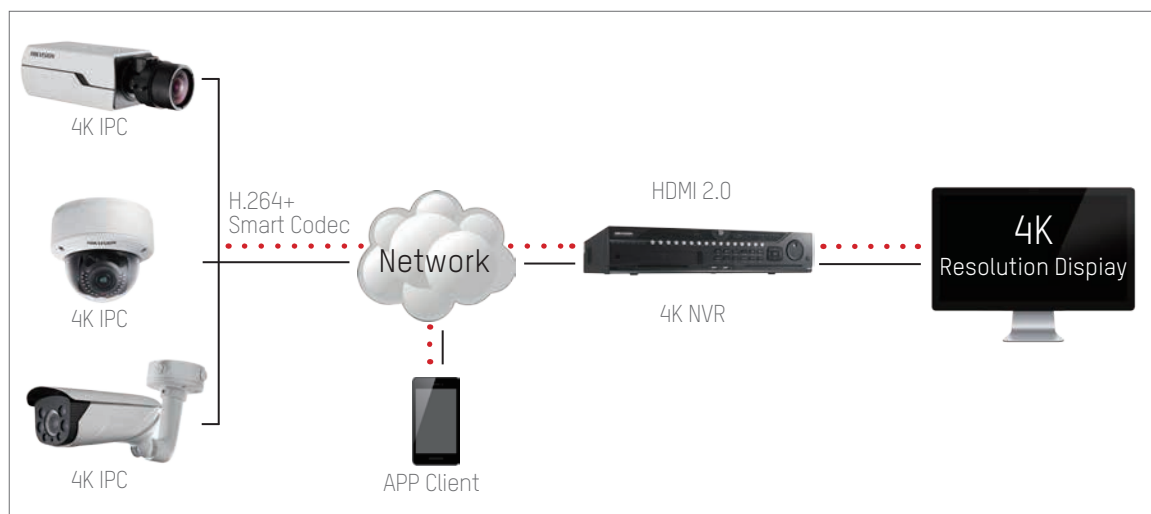
[www.hikvision.com](http://www.hikvision.com)



With the development of 4K technology quickly coming into focus, opportunities to use this technology in security will continue to grow. As a leading video surveillance manufacturer, Hikvision has paid close attention to the rise of 4K and has launched a 4K total system to harness this technology in the global security industry.

Without complementary 4K components, such as monitors and NVRs, 4K cameras cannot be used to their full potential, and therefore have little practical use in surveillance. By building a total system — complete with cameras, NVRs, etc., — Hikvision strives to provide a system that is more helpful and more useful to its customers. The Hikvision 4K system, which comes equipped with a variety of smart functions, satisfies the security industry's need for ultra-high resolution and smart surveillance.

## SYSTEM STRUCTURE



## KEY FEATURES

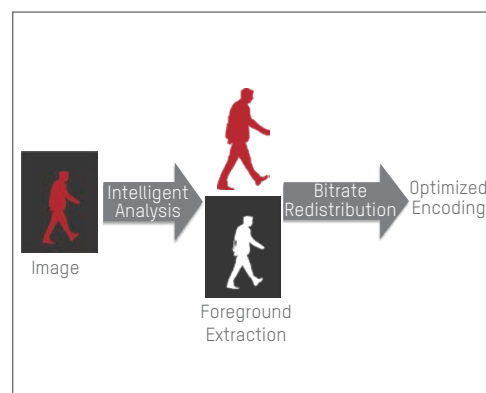
### ■ Ultra-High Definition (UHD)

The Hikvision 4K system provides UHD images, which not only provides users with incredibly clear and crisp imagery, but it also results in better use of video data. Limited resolution has often hindered video analysis in the past, particularly in large scenes. Now, the increase of pixels in 4k technology has resulted in increased resolution and improved image enhancement, both of which allow for more information to be extracted. These advances elevate the accuracy and quality of content analysis to a new level while also delivering better value for users.



### ■ H.264+ Smart Codec

Hikvision 4K systems incorporate H.264+ optimized compression, which allows users to more efficiently manage super-high-resolution video footage. With features such as background-based predictive smart encoding, enhanced noise suppression, and optimized bitrate control for long-term periods, Hikvision H.264+ compression saves bandwidth resources and decreases storage requirements.



### ■ 4K Output

The Hikvision 4K NVR has an HDMI 2.0 output interface, which supports the 4K resolution output. This interface helps to form a comprehensive 4K system that includes a 4K camera input, a 4K codec, and a 4K output. Hikvision's 4K solution may be more beneficial to users than systems that are only able to provide 4K cameras or 4K codecs without the 4K output system.



### ■ Full Smart Feature-set

As a part of the Hikvision Smart product family, the 4K products are equipped with smart features such as entrance management, and video analytics including region enter/exit, object left behind/object removed, and others.



# VERTICAL APPLICATION

The Hikvision 4K system has applications in various vertical markets such as city surveillance, stadiums, parking lots, etc., where clear, high-resolution images and smart surveillance are necessary. With a system that includes a full suite of 4K elements versus a single 4K device, Hikvision's offering is a complete solution that allows 4K technology to be implemented in a variety of vertical markets.



Parking Lot



City Surveillance



Venue Stadium

## PRODUCT SHOWCASE



**DS-2DF6836-AEL**  
4K Ultra-Low Light Network PTZ Dome Camera

- 1/1.9" HD CMOS sensor
- 4K real-time, 36X Optical Zoom
- Ultra-low illumination
- Smart Tracking
- Smart Detection
- Vandal-proof (IK10)



**DS-2DF8836I-AEL(W)**  
4K Ultra-Low Light Network IR PTZ Dome Camera

- 1/1.9" HD CMOS sensor
- 4K real-time, 36X Optical Zoom
- Ultra-low illumination
- Smart Tracking
- Smart Detection
- 200m IR distance
- Optional wiper(-W)
- Vandal-proof (IK10)



**DS-2CD4085F-(A)(P)**  
8MP Smart IP Box Camera

- 4096x2160 high resolution
- Full smart feature-set
- Auto back focus (-A)
- P-Iris (-P)
- FULL SMART FEATURE-SET

**Recommended lens:**

HV1140P-8MPIR 11-40mm P-Iris Lens  
HV1140D-8MPIR 11-40mm DC-Iris Lens  
HV3816P-8MPIR 3.8-16mm P-Iris Lens  
HV3816D-8MPIR 3.8-16mm DC-Iris Lens  
HF3417D-12MPIR 3.4mm Wide Angle Lens



**DS-2CD4185F-IZ**  
8MP Smart IP Indoor Dome Camera

- 4096x2160 high resolution
- Full smart feature-set
- 2.8-12mm motorized VF lens
- Up to 30m IR
- Audio/Alarm IO
- Vandal-proof
- FULL SMART FEATURE-SET



**DS-2CD4685F-IZ (S)(H)**  
8MP Smart IP IR Bullet Camera

- 4096x2160 high resolution
- Full Smart feature-set
- 2.8-12mm motorized VF lens
- Up to 70m IR
- Vandal-proof & IP66
- Audio/Alarm IO (S)
- Built-in heater (H)
- FULL SMART FEATURE-SET



**DS-2CD4A85F-IZ (S)(H)**  
8MP Smart IP IR Bullet Camera

- 4096x2160 high resolution
- Full Smart Feature-set
- 2.8-12mm Motorized VF lens
- Up to 50m IR
- IP66
- Audio/Alarm IO (S)
- Built-in Heater (H)
- FULL SMART FEATURE-SET



**DS-2CD4585F-IZ (H)**  
8MP Smart IP Outdoor Dome Camera

- 4096x2160 high resolution
- Full smart feature-set
- 2.8-12mm motorized VF lens
- Up to 40m IR
- Vandal-proof & IP66
- Audio/Alarm IO
- Built-in heater (H)
- FULL SMART FEATURE-SET



**DS-9600NI-H8**  
4K NVR

- Up to 4K(3840 x 2160) resolution recording
- H.265 video compression
- HDMI output at up to 4K(3840 x 2160) resolution
- Up to 768M incoming bandwidth
- Up to 24-ch 1080P decoding capability
- Third-party network cameras supported
- RAID 0, 1, 5, 10 supported
- Dual gigabit network interfaces

Coming Soon



**DS-7604/08/16NI-I2(/4P)(/8P)**  
**DS-7716/32NI-I4(/16P)**  
**DS-9632/64NI-I8**  
4K NVR

- Up to 12Mega-Pixel resolution recording
- H.265/H.264+/H.264 video compression supported
- HDMI output at up to 4K(3840 x 2160) resolution
- Third-party network cameras supported
- Up to 16-ch PoE ports supported for Plug & Play
- RAID 0, 1, 5, 10 supported
- Dual gigabit network interfaces