

HIKVISION®



ALL AROUND INTELLIGENT
SMART IP 3.0 SERIES
NETWORK CAMERAS

SMART IP 3.0 SERIES CAMERAS

The Smart IP 3.0 Series Network Cameras (5-Line IPCs) aren't simply upgraded 4-line IPCs. They are truly a technological revolution, combining low-light surveillance and high-definition recognition – two advanced technologies that are compatible for the first time. New codec technology and more available transmission streams also serve to loosen the bottleneck of surveillance data. These features make the Smart IP 3.0 Series Cameras perfect for high quality, smart surveillance scenarios.

KEY FEATURES

1 H.265/H.265+ Codec

H.265 is the latest codec technology in video surveillance which doubles the efficiency of H.264. Hikvision combined H.265 and an internally-developed intelligent algorithm to release the H.265+ technology that further boosts transmission efficiency.

Different codec for
moving target and stable
background

Prediction Encoding

Extract and abandon
noise

Noise Suppression

Compensate more bitrate
to busy hours in the long
term

Bitrate Control

The latest codec
technology in video
surveillance

An intelligent algorithm
developed by Hikvision that
vastly decreases the bitrate of
video based on a standard codec
technology

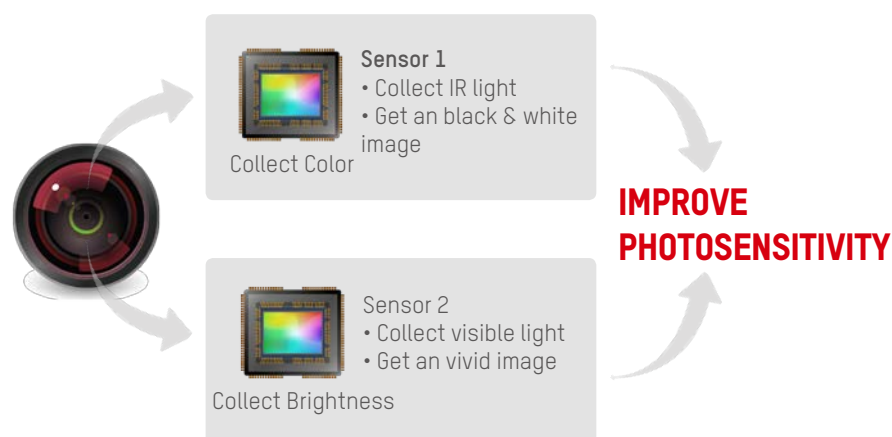


H.265+

A codec technology that vastly
decreases the bandwidth and
storage requirements for
security video

2 DarkFighter & DarkFighterX

The Smart IP 3.0 Series Cameras are powered by the well-known DarkFighter Technology – which provides amazing improvements in image quality in low light. And now, they are available in even higher resolution. This technology empowers smart and sophisticated high-quality, wide-range, 24-hour surveillance in the most critical applications.



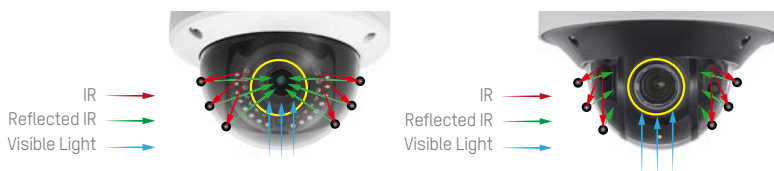
In addition, the DS-2CD502860/E-HI with DarkFighterX technology boasts an innovative dual-sensor design – one sensor for IR imaging to guarantee image brightness, and the other sensor for visible light to guarantee vivid color. The camera then combines the two images formed by different spectra into one full-colour image.

3 Anti-IR Reflection Bubble

Most often, Infrared-equipped cameras don't use bubble covers for lens protection. This is because when dust and water cling to the bubble's surface, obscured IR light will distort images. Hikvision's new generation of bubble cover design guarantees high image quality, unaffected by matter on the bubble's surface.

When the bubble is adhered with dust and water, the reflected IR will make image blurred.

The new generation bubble guarantees the image quality.



Traditional Dome



Anti-IR Reflection Dome

4 LightFighter

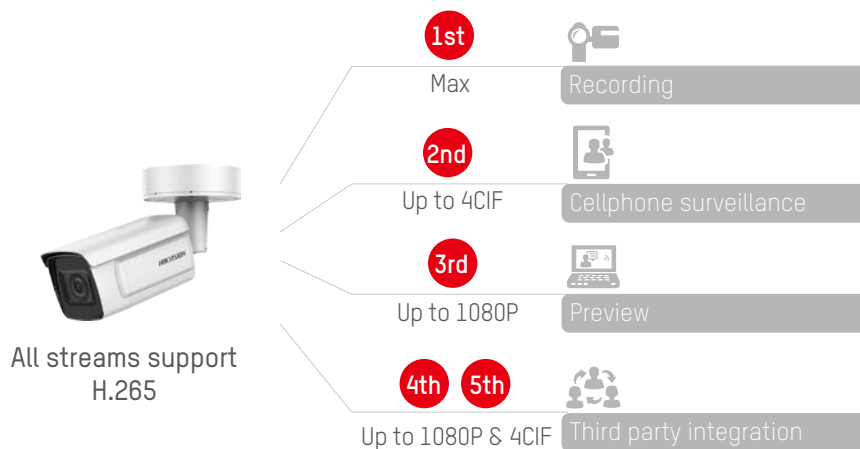
The LightFighter Series integrates true Wide Dynamic Range technology and uses a special algorithm to combine three images with different exposure times into one sharp picture. Its 140 dB dynamic range (2 MP models) gives this series the power to capture more complete information in situations with highly unbalanced brightness and/or contrast.

5 NEMA 4X Anti-Corrosion Paint

NEMA 4X is the National Electrical Manufacturers Association standard for anti-corrosion capability. Anti-corrosion paint on the 5-line products (-Y models) suits them for environments where cameras without protection corrode – such as environments with heavy rainfall or snow, on the coasts of oceans or lakes, areas with chemical-rich gases or fumes, and more.

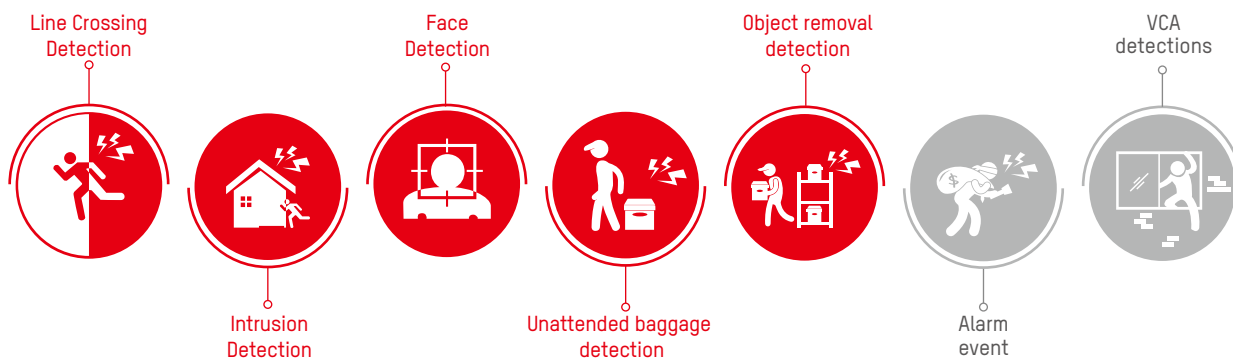
6 5 Streams

In addition to the usual three streams which allow recording, previewing, and mobile surveillance, two additional streams are now available for more possibilities with third-party integration.

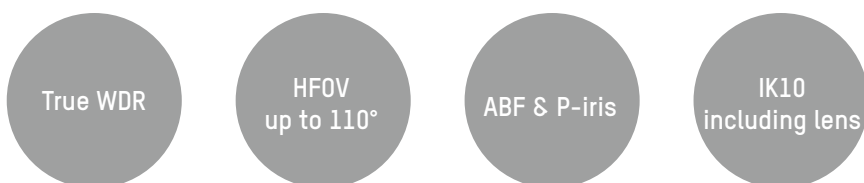


7 Smart Functions

Line crossing detection, intrusion detection, region entry detection, region exit detection, unattended baggage detection, object removal detection, scene change detection, audio anomaly detection, defocus detection, face detection, line crossing counting



8 More Features



APPLICATION SCENARIOS

The Smart IP 3.0 Series Cameras can be used for wide ranges of high-definition imaging, especially where 24-hour color-full images are needed – such as streets, roads, railways, squares, banks, shopping malls, office buildings, and much more.



Office buildings



Streets



Roads



Railways

PRODUCT SHOWCASE



DS-2CD502860/E-HI
5-Line DarkFighterX Box Camera
with Housing

- DarkFighterX
- Min. illumination: 0.001 Lux
- H.265/H.265+
- Dual sensors, Bi-Spectral Fusion
- IP66
- 5-50 mm vari-focal lens
- 10x optical zoom
- IR distance up to 100 m
- 3 data streams
- 120 dB WDR



DS-2CD50X660-(AP)
DS-2CD51X660-IZS
5-Line Indoor Network Cameras

- 2/4/8/12 MP
- H.265/H.265+
- DarkFighter at 2 MP, 4K, and 8 MP (coming soon)
- 5 streams (up to 5 custom streams)
- 140 dB WDR, high frame rate (2 MP)
- 120 dB WDR (4/8 MP models)
- ABF & P-iris (50x6 optional)
- Socket-style interfaces
- 12V DC output interface (speaker)
- Motorised vari-focal lens (51x6)
- IK10 (51x6)



DS-2CD5Ax660-IZS(HY)
DS-2CD55x660-IZS(HY)
5-Line Outdoor Network Cameras

- 2/4/8/12 MP
- H.265/H.265+
- DarkFighter at 2 MP, 4K, and 8 MP (coming soon)
- Motorised vari-focal lens (51x6)
- Socket-style interfaces
- IK10 (5Ax6), IP67
- Anti-IR reflection bubble (55x6)
- 5 streams (up to 5 custom streams)
- 140 dB WDR, high frame rates (2 MP)
- 120 dB WDR (4/8 MP models)
- Heater and anti-corrosion paint optional (NEMA 4X certification)



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Distributed by



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