ALL AROUND INTELLIGENT
ULTRA SERIES IP CAMERAS - 5 SERIES NETWORK CAMERAS
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The 5 Series Network Cameras are not simply upgraded 4 Series IP Cameras. 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 5 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
- Extract and abandon noise
- Compensate more bitrate to busy hours in the long term
- An intelligent algorithm developed by Hikvision that vastly decreases the bitrate of video based on a standard codec technology
- The latest codec technology in video surveillance
- A codec technology that vastly decreases the bandwidth and storage requirements for security video
2 DarkFighter & DarkFighterX

The 5 Series Network 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-2CD5028G0-EHI 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.

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 1/40 dB dynamic range (2- and 4-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 Series 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.
Multiple Streams
Multiple streams are now available for more possibilities with third-party integration, including five defined streams and five custom streams.

Hikvision Embedded Open Platform
The Hikvision Embedded Open Platform (HEOP) enables third-party partners to develop applications that can be downloaded and installed on Hikvision network cameras. With this platform, system integrators will be able to meet very specific needs of their clientele by selecting the most suitable applications. What’s more, development partners will open the door to more business opportunities, while platform partners would be able to access cameras safely and conveniently through private protocols, reducing server resources.

Hikvision Smooth Streaming
Hikvision Smooth Streaming technology automatically adjusts the bit rate and resolution under low-data-rate network conditions to ensure live viewing that’s steady, stable, and fluid. Added to that is its self-correcting data processing mechanism, which solves latency and mosaic problems caused by packet loss or error codes.

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.
More Features

True WDR
HFOV up to 112°
ABF & P-iris
IK10 including lens

APPLICATION SCENARIOS

The 5 Series Cameras can be used for wide ranges of high-definition imaging, especially where 24-hour colorful images are needed – such as streets, roads, railways, squares, banks, shopping malls, office buildings, and many more.

Office buildings
Streets
Roads
Railways

PRODUCT SHOWCASE

DS-2CD5028GO/E-HI
S Series DarkFighterX Box Camera with Housing

DS-2CD50xG0-IAP
DS-2CD51xxG0-IZS
S Series Indoor Network Cameras

DS-2CD5AxG0-IZS(HY)
DS-2CD5SxxG0-IZS(HY)
S Series Outdoor Network Cameras

- 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

- 2/4/8/12 MP
- H.265/H.265+
- DarkFighter & Lightfighter at 2 MP and 4 MP
- Multiple streams (5 defined streams and 5 custom streams)
- 120 dB WDR (8- and 12-MP models)
- ABF & P-iris (5x6 optional)
- Socket-style interfaces
- 12V DC output interface (speaker)
- Motorised vari-focal lens (5x6)
- IK10 (5x6)

- 2/4/8/12 MP
- H.265/H.265+
- DarkFighter & Lightfighter at 2 MP and 4 MP
- Multiple streams (5 defined streams and 5 custom streams)
- 120 dB WDR (8- and 12-MP models)
- Heater and anti-corrosion paint optional (NEMA 4X certification)

S SERIES NETWORK CAMERAS