
MEGAPIX[®]
IP cameras



24/7 Rich, Colorful Imaging,
Day and Night.

NDAA
COMPLIANT PRODUCTS

DW[®]

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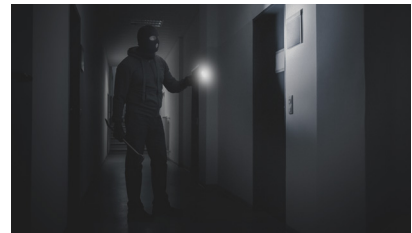
24/7 Rich, Colorful Imaging, Day and Night.

DW's IP cameras with White-Light LEDs built-in are the ideal solution for applications requiring high-quality color images in any lighting condition. The built-in LEDs provide a powerful source of illumination, reducing installation time and complexity. With camera analytics such as object classification, tampering and scene change, the camera is perfect as a deterrent and for providing users with actionable alerts and video to keep your camera and your property safe.



White-Light LEDs Built-In

Create deterrence and provide crystal-clear images in color without the need for external illumination or the potential loss of color and detail from B/W images.

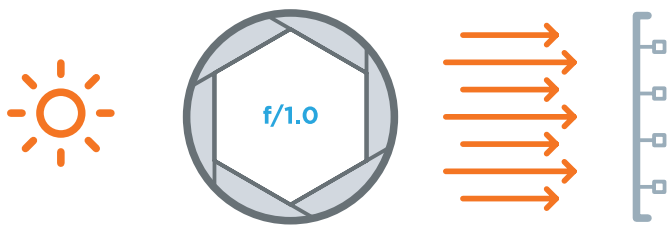


B/W image with IR LEDs

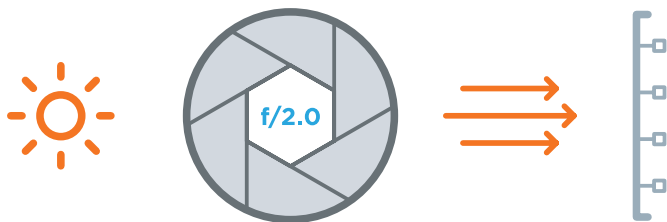


Color image with White-Light LEDs

DW Camera



Conventional Camera



F1.0 Super Aperture Lens

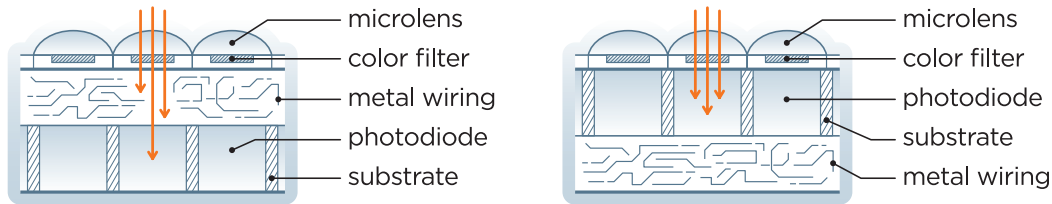
The camera's lens has an F1.0 wider-than-average aperture, allowing up to 4 times more the amount of light to enter the lens (compared to an F2.0 lens), resulting in brighter images.





Back-Illuminated Sensor (BIS) Technology

Backside-illumination technology flips the position of the pixels and the circuitry to collect the light from the sensor's backside. This improves light capture from 60% to over 90%.



Environmentally-Friendly Warm Light



The 3000 Kelvin warm White-Light provides ample lighting with no need for other sources of illumination. The warm White-Light is environmentally friendly, with minimal light pollution for residential areas while maintaining true color with no harsh discoloration in color images.



24/7 Vivid Full-Color Imaging

Capture people, cars and objects at nighttime with the same rich colorful images as during the daytime with no IR cut filter and no switch between color and B/W.



Basic Camera Analytics Engine



Abnormal Color Detection

Detect changes in the color reproduction to alert possible issues with the camera.



Scene Change Detection

Detect changes in the camera's scene due to unintentional movement or faulty installation.



Video Tampering Detection

Detect a sudden blur or visibility loss, an event notification will be sent.



Perimeter Intrusion

Detect any human or object crossing a pre-defined perimeter in multiple directions.



Object Classification

Detect and classify humans and objects separately.



Line Crossing

Detect any human or object crossing a pre-defined line in multiple directions.

Fast Framerate



DW's panoramic IP cameras produce wide area views at up to real-time 30fps and up to 48MP, providing smooth video with no loss of details between frames.



True Wide Dynamic Range (WDR)

DW's ATM pinhole camera uses true WDR technology to capture both under- and overexposed areas in the field of view, combining them in real-time to create a high-quality, better-exposed image in a wide range of challenging lighting.



Image is under exposed



Image is over exposed



WDR image is clear and balanced



Simultaneous Dual-Streams

Use the camera's dual-stream feature to manage traffic and bandwidth on your network, with a high-resolution stream for recording and a standard-resolution stream for live monitoring.



Main stream for recording.



Secondary stream for live viewing.

Smart DNR™ 3D Digital Noise Reduction



Use DW's exclusive noise reduction technology to produce clearer color and monochromatic video in low-light without adding visual lag or ghost effects.



Digital noise in low light environments



Smart 3D DNR clarifies digital noise

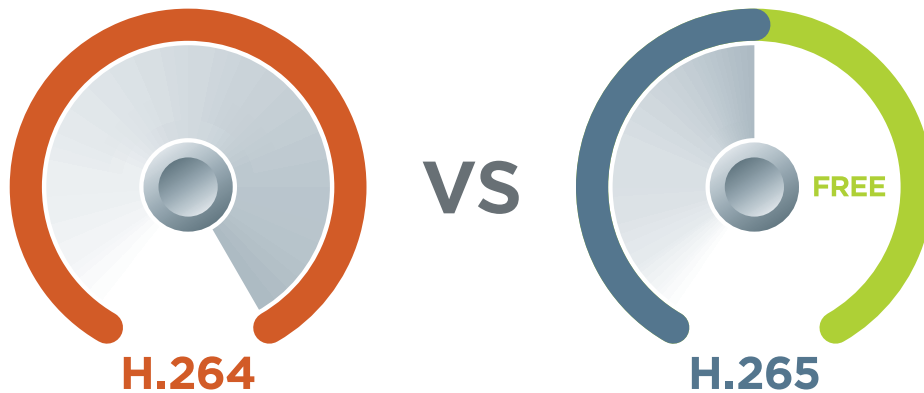


H.265 Codec Support

High-Efficiency video codec standards deliver 25% to 50% better data compression while maintaining video quality.

Half the Space

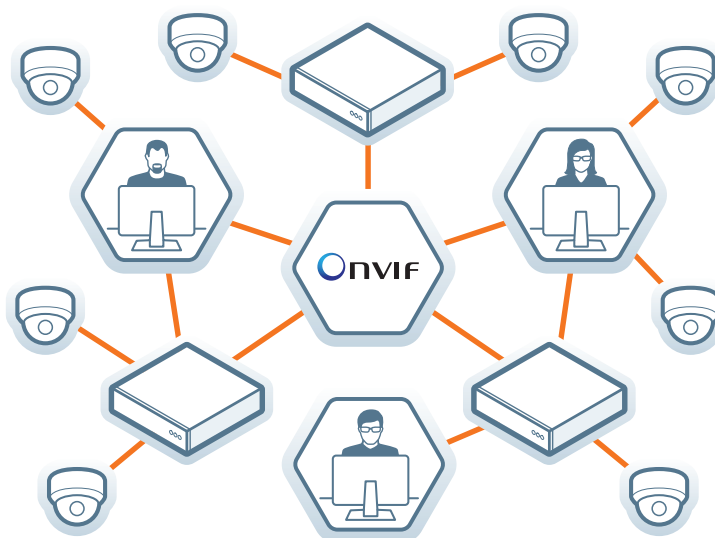
Same display quality



ONVIF® Conformant



DW's ONVIF conformant IP products allow you to bring our robust solutions to any surveillance system with other ONVIF components, creating a truly unique solution, to match your specific needs.





IP67-Rated

IP67 rating has protection against dust and water to 3 feet.



IK10 Impact Resistant

The IK10 rating protects against impact equivalent to 10 lbs mass dropped from 1.3 feet.



5 Year Warranty

All DW cameras come with an unbeatable 5-year warranty.



Compliance

DW* IP cameras, analog cameras, NVRs, DVRs, network devices and management software sold and distributed worldwide are designed and developed in U.S.A. and Korea and manufactured in Korea, Vietnam and Taiwan.

Most DW products qualify for GSA Schedule Contracts and other government opportunities because they are NDAA compliant.



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