7K

HD PRO CAMERA

avigilon

HD Pro Cameras

Avigilon's HD Pro cameras start at 4K (8 MP) and go all the way up to the security industry's first single-sensor 7K (30 MP) camera, providing superior image detail while covering large areas.

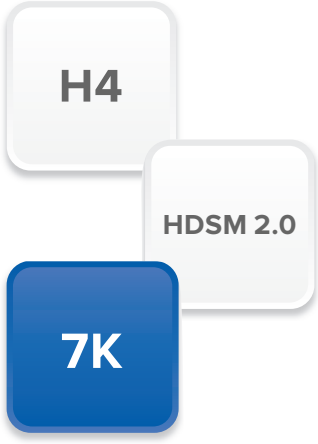
Avigilon's 4K, 4.5K, 5K, 6K and 7K HD Pro cameras are built on Avigilon's next-generation H4 platform to deliver greater processing power, increased frame rates and improved image quality. When combined with our easy-to-use Avigilon Control Center (ACC) software, our patented HDSM™ 2.0 technology offers significantly improved bandwidth performance to minimize impact on network resources. These cameras also offer onboard storage capabilities for storing HD footage directly on the device using a standard SD card.

The unmatched image quality of both the 7K (30 MP) and 6K (24 MP) HD Pro cameras is redefining the industry standard for high resolution imaging.

Avigilon's HD Pro cameras are ideal for environments that have wide coverage requirements including stadiums, airports, parking lots, transportation facilities and critical infrastructure sites.

KEY FEATURES	BENEFITS
4K (8 MP), 4.5K (12 MP), 5K (16 MP), 6K (24 MP) and 7K (30 MP) resolutions	Capture high-quality, detailed images over wide areas, while providing maximum coverage options.
Self-learning Analytics	Instantly detect and learn the surrounding scene upon initial set-up, adapting to changes without manual calibration (4K, 4.5K and 5K only).
H.264 Compression	H.264 compression allows for maximum image quality while minimizing impact on bandwidth and network performance.
Focus and Iris Control of SLR Lenses	Remote focus for ease of installation and operation.
Increased Framerate	Up to 12 frames per second.
Flexible Lens Options	Compatible with both EF and EF-S mount lenses for the best possible optical quality.*
Onboard Storage	SDHC and SDXC card compatability for storage of video footage directly on the device.
LightCatcher™ Technology	Collects significantly more detail from a low-light scene, to deliver higher quality color images with far less noise than other low-light cameras.

*EF lens only for 6K and 7K camera



Sharper. Smarter.

Effective video surveillance demands the clearest, sharpest, high resolution images to maximize situational awareness – with simultaneous persistent area coverage and detailed image interrogation – all delivered while taking up minimum bandwidth and storage. The HD Pro cameras have raised the bar for power, performance and image detail in high definition surveillance.

The H4 platform and HDSM™ 2.0

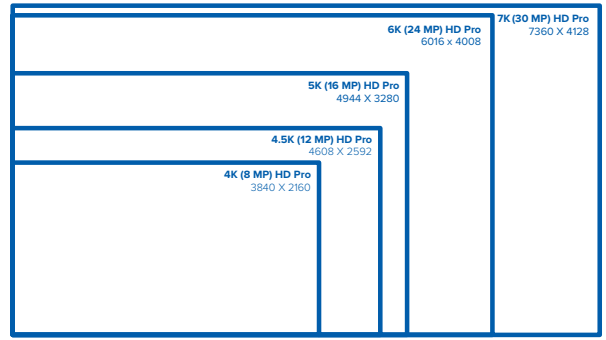
Engineered using H.264 compression technologies, Avigilon's next-generation H4 platform allows for enhanced overall camera performance, including faster processing power, more efficient bandwidth management and superior image detail.

How? Harnessing the strength of Avigilon Control Center and the second generation of our patented High Definition Stream Management (HDSM)™ technology, HDSM™ 2.0, our H4 platform intelligently and efficiently manages your HD data, letting you view and search through high definition video easier than ever before, with fewer strains on bandwidth and storage. The combination of these two revolutionary technologies results in Avigilon's most powerful cameras yet, which means your system can maintain optimal performance while still getting unparalleled image detail.

Vast coverage. Superior detail.

Built with large areas in mind, Avigilon's HD Pro camera series provides the ultimate full situational awareness combined with crystal-clear detail when zoomed in. Monitor a full stadium and capture fan disruptions to comply with mandatory government regulations. Cover a full parking lot and identify license plates. Or cover the entire tarmac of an airport while still being able to distinguish plane tail numbers. Regardless of your coverage needs, Avigilon's HD Pro cameras provide the power and detail you need to keep your environment safe and secure.

Resolutions



For further information on the new HD Pro, please contact your local Avigilon representative or visit avigilon.com/Pro

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