



Night Vision Technology Keeps Pace with New Cameras and Camcorders

New digital SLR cameras and HD camcorders are being introduced with more features and higher performance than ever before. With AstroScope Night Vision, the night-time surveillance photographer can now realize more capability with one camera or camcorder than was previously possible including an assortment of objective lenses, image stabilization and megapixel imaging.

With the convergence of photography and video imaging, the traditional distinctions between digital SLR cameras and HD camcorders continue to blur as today's digital SLR cameras can deliver full HD video and digital camcorders capture high resolution still images. As the technology for each camera type continue to evolve, it's important for the surveillance photographer and videographer to be aware of the impact of different camera features. The article below describes some of the more important features for digital SLR cameras, as well as HD camcorders, and how the features impact the state-of-the-art for surveillance photography.



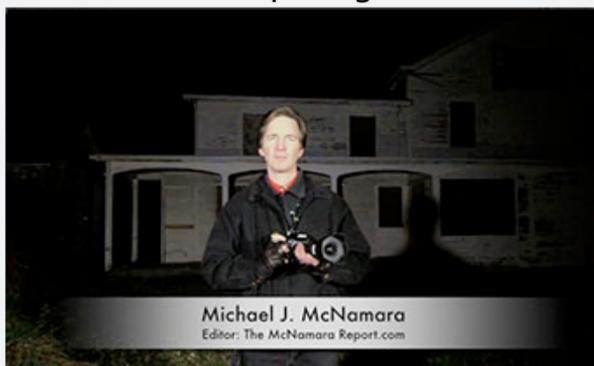
The AstroScope 9350 adapter on the all new Nikon D4 model digital SLR camera

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[Digital SLR Cameras: What's New for Surveillance Photography](#)

Application image above right provided by Panteao Productions.

WATCH A REVIEW of AstroScope Night Vision



Michael J. McNamara
Editor: The McNamara Report.com

WITHOUT AstroScope WITH AstroScope



Both shots were taken using the same camera settings: Shutter Speed: 1/40; No Flash; Lens Aperture: F/5; Focal Length: 52mm; ISO: 800; Exposure Comp: 0

[Learn more](#)

[Watch AstroScope review](#)

The Three Primary Technologies for Night-time Video Surveillance

Night-time video surveillance brings new challenges for imaging. Understanding the advantages and disadvantages of the three primary night-time imaging technologies is important in order to choose the best solution.



low light technology



thermal technology



near-infrared technology

Download the article

[The Three Primary Technologies for Night-time Video Surveillance: Master These and You'll Never Be in the Dark](#)

Get these other white papers

- [Guidelines for Evaluating Digital Camcorders for Surveillance](#)
- [Tips on Creating Awesome Night Vision Digital SLR Photos](#)
- [Understanding IR Camera Thermal Image Quality](#)

WHAT'S NEW

AstroScope for dSLR Cameras: Module converts digital SLR cameras to night vision photography systems.



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AstroScope for HD Camcorders: Module converts high definition camcorders to night vision videography systems.



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Atom 1024 HD Thermal Camera: Infrared Camera delivers high resolution thermal images.



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SunStar 800 Day/Night Camera: Delivers superior video images in bright daylight and darkest nights.



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Other Websites

- [Sofradir EC](#)
- [How Night Vision Works](#)
- [Infrared Thermal Imaging](#)
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