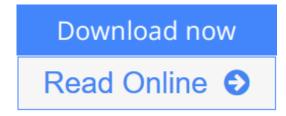# Digital Cinematography: Fundamentals, Tools, Techniques, and Workflows

By David Stump

Digital Cinematography: Fundamentals, Tools, Techniques, and Workflows
By David Stump

With the shift from film to digital, a new view of the future of cinematography has emerged. Today's successful cinematographer must be equal parts artist, technician, and business-person. The cinematographer needs to master the arts of lighting, composition, framing and other aesthetic considerations, as well as the technology of digital cameras, recorders, and workflows, and must know how to choose the right tools (within their budget) to get the job done. David Stump's *Digital Cinematography* focusses primarily on the tools and technology of the trade, looking at how digital cameras work, the ramifications of choosing one camera versus another, and how those choices help creative cinematographers to tell a story.

This book empowers you to both correctly choose the right camera and workflow for your project from today's incredibly varied options, as well as understand the ins and outs of implementing those options. Stump sheds a light on the confusing advantages and disadvantages of shooting theatrical features using digital technology and what it can or can't do.

Topics covered include:

* Detailed coverage of Arriflex, Blackmagic, Canon, Ikonoskop, Panasonic, Panavision, Phantom, Red, Silicon Imaging, Sony, and Weisscam digital motion picture cameras

* Coverage of a wide variety of lenses, including Angenieux, Canon, Cooke, Fujinon, Hawk, Leica, Panavision, Red, Schneider, Sony, UniqOptics, Vantage, and Zeiss

* Coverage of recorders, displays, and look management tools

* Exposure theory tips ? learn how to correctly expose digital cameras

* Focusing tips ? learn how to focus digital cameras correctly

* Checklists to help design digital workflows

* Practical tips on preparation ? prepare for shooting a digital motion picture like a professional

* Camera set-up and operation, color management, digital intermediates, 3D stereo cinematography, future trends, and much more

If you aspire to be a successful cinematographer in this new digital age, or if you already are a working cinematographer in need of a resource to help you stay on top of your game, this is a must-read book.

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Editorial Review

Review

"David Stump shares decades of sage experience, knowledge, and expertise in cinematography and the filmmaking process. Including insight from various notables in respective fields, *Digital Cinematography* is an important, engaging book essential to understanding existing theory, tools, and applications for the aspiring and working cinematographer, filmmaker, and those interested in how and what we see."

- Keanu Reeves, Producer, *Side by Side;* Actor, *47 Ronin; A Scanner Darkly; The Matrix; Bill and Ted's Excellent Adventure*

About the Author

David Stump, ASC has worked on numerous motion pictures and television productions as Director of Photography, as Visual Effects Director of Photography, and as a Visual Effects Supervisor, garnering Emmy nominations and an Academy Award for Scientific and Technical Achievement. A member of the Producer's Guild of America (PGA), the Visual Effects Society (VES), the Society of Motion Picture & Television Engineers (SMPTE), the Academy of Television Arts & Sciences (ATAS), and the Academy of Motion Picture Arts and Sciences (AMPAS), Stump has worked in Digital Visual Effects for over 25 years, since the advent of Computer Generated Images for film. In 2001 he was accepted for full membership into the American Society of Cinematographers, where he is currently chairman of the Camera and Metadata Subcommittees of the ASC Technical Committee.

Users Review

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Michael Stein:

Why don't make it to be your habit? Right now, try to ready your time to do the important work, like looking for your favorite e-book and reading a e-book. Beside you can solve your long lasting problem; you can add your knowledge by the guide entitled Digital Cinematography: Fundamentals, Tools, Techniques, and Workflows. Try to the actual book Digital Cinematography: Fundamentals, Tools, Techniques, and Workflows as your buddy. It means that it can to become your friend when you really feel alone and beside those of course make you smarter than before. Yeah, it is very fortuned for yourself. The book makes you much more confidence because you can know every thing by the book. So , let us make new experience in addition to knowledge with this book.

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