

Dslr Autofocus Vs Manual Focus

FILM PRODUCTION TECHNIQUE (FPT): CREATING THE ACCOMPLISHED IMAGE, 6e, is aimed at the basic production course taken by radio/tv/film majors. FPT, 6e, delivers a technical and aesthetic introduction to media production that couples video production techniques with strong emphasis on incorporating motion picture film into a project's workflow. The text serves as a primer for all students, but is especially valuable to those students with limited background in the field of media production. FPT, 6e explores cutting-edge technologies as well as traditional Hollywood techniques, covering lighting, cameras, editing, crew organization, and the production process. It also lays out the basic, conventional approach to scene structure in a straightforward and methodical manner. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Through easy-to-follow lessons, this handy book offers a complete class on digital photography, tailored specifically for people who use the Nikon D90. This is not your typical camera guide: rather than just show you what all the buttons do, it teaches you how to use the D90's features to make great photographs-including professional-looking images of people, landscapes, action shots, close-ups, night shots, HD video, and more. With Ben Long's creative tips and technical advice, you have the perfect,

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camera-bag-friendly reference that will help you capture stunning pictures anywhere, anytime. The Nikon D90 Companion will show you how to: Take creative control and go beyond automatic settings Learn the basic rules of composition Capture decisive moments, including fast-moving objects Discover ways to use a flash indoors and outdoors Learn about different lenses, and the best time to use them Understand the options for shooting RAW, and whether it's right for you Use the D90's ability to shoot high definition video

Learn to shoot professional-quality HD footage with your DSLRCamera The DSLR Filmmaker's Handbook, 2nd Edition is the expertguide to getting professional movie-making results with an HDvideo-enabled DSLR camera. Fully updated to reflect the latesttechnology, this updated edition provides guidance toward bestpractices and techniques that maximize results. Shooting HD videowith a DSLR has many benefits — and also a few trickydrawbacks — but this guide gives you the insight and trainingyou need to overcome these challenges as you learn what toanticipate, how to work around it, and how to fix imperfections inpost-production. Award winning independent filmmaker BarryAndersson walks you through the shooting process and shows you whatto do before, during, and after filming to ensure high qualityresults. Most of today's DSLRs have the capacity to shoot HD video. This,combined with incredible low-light capabilities, shallow depth offield, and relatively low price point make these cameras anextremely attractive entry point for would-be independentfilmmakers. This book

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shows you how to exploit your DSLR's capabilities to produce beautiful film, with step-by-step expert instruction. Understand the limitations of DSLR video Learn what to plan for before filming begins Exploit HD capabilities to maximize the film's visuals Produce professional-level, film-quality footage With thorough explanations and expert instruction, *The DSLR Filmmaker's Handbook, 2nd Edition* is the training you need to start shooting beautiful HD footage.

Lenses are a considerable investment for any photographer and require understanding their features and a making plan for purchase. You might buy several camera bodies, but quality lenses should last a lifetime! You need a book that goes beyond the camera manuals to teach you how to select and use Canon lenses to take great shots. This guide by pro photographer Jerod Foster will help you conquer the fundamentals and capture stunning pictures. Foster starts with the basics of using different lenses in the Canon lineup—from kit, to wide angle, to telephoto, to zoom, and more, to understand what they do and how their features affect your images. He discusses factors such as depth of field, perspective, and compression and which types of lenses are right for your style of shooting. Whether it's portraits, landscapes, or street photography, you will have a better understanding of your equipment and understand your choices for investing in lenses. Beautifully illustrated with large, compelling photos, this book teaches you how to take control of your photography to get the image you want every time you pick up the camera.

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Long-time columnist and lifelong photographer Shawn M. Tomlinson writes about the art and technique of photography with wit and humor. He focuses in his Photo Curmudgeon columns on getting started in as well as moving into advanced photography. Instead of concentrating upon the newest, shiniest photographic equipment, Tomlinson works with all levels of older equipment, makes recommendations and recounts his own "Voyages of Photography." He helps the novice get started with higher end, older cameras and lenses, and helps with photo editing suggestions and techniques.

Through easy-to-follow lessons, this handy book offers a complete class on digital photography, tailored specifically for people who use the Canon EOS Digital Rebel T1i/500D. This is not your typical camera guide: rather than just show you what all the buttons do, it teaches you how to use the Digital Rebel's features to make great photographs -- including professional-looking images of people, landscapes, action shots, close-ups, night shots, HD video, and more. With Ben Long's creative tips and technical advice, you have the perfect, camera-bag-friendly reference that will help you capture stunning pictures anywhere, anytime. The Canon EOS Digital Rebel T1i/500D Companion will show you how to: Take creative control and go beyond automatic settings Learn the basic rules of composition Capture decisive moments, including fast-moving objects Discover ways to use a flash indoors and outdoors Learn about different lenses, and the best time to use them Understand the options for shooting RAW, and

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whether it's right for you Use the Digital Rebel's ability to shoot high definition video There are two types of new photographers: those satisfied with their low-cost point-and-shoot cameras, and those more enthusiastic photographers who recognize the limitations of low-cost equipment and want to improve their pictures. No longer satisfied with simple snapshots, the enthusiast moves up to a more complex digital camera-one with interchangeable lenses and manual controls-to satisfy their artistic urge. Assuming little to no knowledge of photographic terms, techniques, or technology, Beyond Point-And-Shoot is intended to help smooth the transition from photographic newbie to "real" photographer who is experienced, in-control, and passionate about their craft. Author Darrell Young explores various types of interchangeable-lens cameras, focusing on those with larger imaging sensors, such as digital single-lens reflex (DSLR) cameras. Learn how to get the most out of your camera's automatic and semi-automatic exposure modes, as well as how to move beyond those modes and take full, manual control of your camera. Watch your photography improve as you discover how to apply important photographic principles, such as depth of field, white balance, and metering. With this newfound knowledge you'll move beyond point-and-shoot and begin taking truly great photographs. Other topics include: Camera types Lenses Aperture, shutter speed, and ISO Metering and shooting controls Lens focal lengths and angles of view The histogram Color spaces Sensors Filters Image file formats Managing digital noise And much more!

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See the world differently through your new Nikon D5300 Your new Nikon D5300 digital SLR camera represents something about you. It shows that you want something more than a point-and-shoot camera has to offer. You want to take better photos. You want more control. You don't want to rely on editing to make beautiful photographs. Well, there's good news-you now have the right tool to make that happen! Now you need to learn how to use it. The Nikon D5300 has more features and expanded capabilities, and offers you more options for shooting in different situations. Taking advantage of the full complement of controls and settings gives you the power to capture images in new and imaginative ways. Nikon D5300 For Dummies is your ultimate guide to using your new DSLR to its utmost capability. Author Julie Adair King brings her vast experience both as a veteran photographer and a photography teacher to you in this full-color, easy to follow Nikon D5300 guide. Nikon D5300 For Dummies contains more information that you would typically get in a basic photography course, plus information specific to the camera. Over 200 full-color images help illustrate concepts and apply them to the Nikon D5300, making this the ultimate reference for the beginning or veteran photographer. Master controls, basic photography principles, and shooting in auto Get creative with advanced settings and video functions Take charge with manual controls, and understand camera functionality Find tips on editing and sharing photos You have an excellent camera. Don't be content with shooting in auto mode forever! Master your DSLR and learn your way around the settings for the most gorgeous photographs

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you've ever taken. Nikon D5300 For Dummies is your guide to making it all happen. The complete beginner's guide to DSLR photography It doesn't matter if your camera says Canon, Nikon, or Sony on the outside. If a passion for photography is on your inside, this all-encompassing guide will be your new best friend. Packed with instruction on how to take your photos from so-so to stunning, Digital SLR Photography All-in-One For Dummies gives you all the easy-to-follow guidance you need to capture stills, portraits, action shots, and moments in time you'll be proud to share. Clocking in at over 600 pages, this no-nonsense guide covers it all! From controlling light, color, focus, and exposure to editing images to improve the final product—and everything in between—it's the only guide to DSLR photography you need. If you've caught the photography bug but aren't sure where to turn to improve your skills, you can bank on building an impressive portfolio with the simple tips and tricks provided inside! Set the right exposure in any situation Know when to use flash and when to turn it off Edit your images into masterpieces Take better photos of people and places Get ready to develop your photographer's eye and start snapping shots like the pros.

Photography is the primary tool for visually documenting specimens, experimental findings and laboratory setups in many scientific fields. Photographic illustrations in these fields must satisfy criteria of clarity, objectivity and adherence to accepted standards, in addition to a pleasant but not distracting composition and illumination. This book concentrates on the choice and practical use of digital cameras, lenses and related equipment of types commonly available at research institutions and museums. The described techniques are suitable for subject sizes between approximately half a millimeter and half a meter, and differ from those used in general photography and microscopy. The intended audience of this book includes professional

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scientific photographers, scientists and students who need to carry out photography in support of their own research or as part-time scientific photographers at a research institution, and advanced amateur photographers who wish to master these techniques.

Are you one of the 100 million people in the USA that own either a dog or a cat? If you flip through your digital camera - what do you see pictures of the most? Your kids...and your pets! If you have ever wondered how to take pictures of an all black animal or how to get your pup to sit still during a family holiday picture, this book is for you. With love only a pet owner can have and humor that only animals can bring to us, this author shows how to take pictures that celebrate the furry creatures in our lives. Packed with techniques including lighting and postproduction and even info on getting those pictures up online, you'll be taking pictures of your pets that you'll be proud of.

With today's advanced camera technology, achieving focus on a photographic subject seems like it should be a straightforward task, but many photographers know that it can be deceptively difficult, especially when shooting moving subjects or in challenging situations. Now, there is a complete guide available for Nikon shooters that will help them get tack-sharp photos every time.

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In *The Nikon Autofocus System, 2nd Edition*, photographer Mike Hagen, author of the bestselling *The Nikon Creative Lighting System*, takes his deep knowledge of Nikon technology and concentrates on its focus features. In this book, which covers all current Nikon DSLR models (including the D5 and D500), Hagen fully explains how Nikon autofocus works, including detailed discussions of all the autofocus modules, drive systems, and camera buttons and menus. He also devotes an entire chapter to explore how focus works with Nikon's lenses.

Armed with this general knowledge, Hagen then dives deep and offers camera setups, settings, and best practices for specific field techniques that address the photographic genres that are notoriously challenging for focus: action and sports (indoor and outdoor), wildlife (including birds in flight), and macro photography. He also covers genres such as portrait, landscape, underwater, low-light, and street photography. Hagen not only advises on the best ways to set up the camera and focus systems, he gives helpful tips and tricks throughout the book.

The Nikon Autofocus System also covers:

- Live view autofocus methods and settings
- Achieving great focus in video

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- AF tracking
- AF shooting styles, such as back-button AF and shutter-release AF
- HDR, panoramas, and other techniques for shooting with a tripod
- An entire chapter on additional terms and techniques, such as hyperfocal distance, calibrating lenses, focus and flash photography, and more

Photographers! Your guide is here! The demand for high-quality photographs is higher than ever. Whether you're building your influencer rating online, capturing the moments of a child's life, or are looking for ways to improve your skills, photography know-how is a must-have skill. Digital Photography For Dummies helps you do more than pointing, shooting, and hoping for the best or slapping a filter on a camera phone shot. This book introduces you to the camera settings and techniques that separate okay pictures from frame-worthy portraits. It then explains how to apply those skills to capturing your own portraits, landscape shots, and high-action photos. Develop a better eye for image composition Discover how to light photos better, including using natural light Learn to get quick results in auto settings or take full control in manual mode Discover the elements of exposure and how they influence the final product Find instructions on taking a formal or casual portrait Apply basic editing techniques to finalize your image Go beyond photo apps and apply the techniques pros use for their images. While focusing your camera seems like it should be a no-brainer—there's autofocus, after

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all!—it's often not a simple task. Depending on the shooting situation, your camera, and the countless scenarios that can “throw off” the focus, the task of achieving sharp images with great focus can be deceptively challenging. If you're a passionate photographer eager to learn the best ways to achieve tack-sharp focus in your images, these 50 focus-based principles are exactly what you need to take your work to the next level. With photographer and author John Greengo as your guide, you'll quickly learn nearly four dozen techniques for achieving focus in every shooting situation. You'll learn:

- How to optimize autofocus no matter what kind of camera you have (DSLR or mirrorless)
- How to master manual focus
- Which focus modes and focus areas work best for different situations
- How to use your camera's autofocus aids, such as magnification and focus peaking
- Techniques to keep your camera stable, either handheld or on a tripod
- How shutter speed and aperture affect sharpness

Written in the author's friendly and approachable style, and illustrated with examples that clearly show how each technique can help you capture great photos, *50 Things Photographers Need to Know About Focus* is designed to be an effective, fast, and fun way to learn how to achieve great focus in your images—no matter what situation.

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This book explains how to take surreptitious photographs and record video of people and property in a safe and effective manner while producing excellent results. It is the most comprehensive text on clandestine photography available. It takes the reader through

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conventional as well as the most sophisticated clandestine photography methods in practice today, and it covers the use of all types of equipment ranging from off-the-shelf to the most high-tech equipment available. The ultra-long-range night vision photography methods discussed in this book were devised by the authors and only exist here. Readers will discover esoteric techniques for photographically recording recognizable human and vehicle plate images from distances of over a mile in both daylight and night conditions. Myriad methods for secretly photographing people and property under diverse and difficult conditions are presented. Readers will discover innovative applications of combinations of old and new photographic-related technologies—some combined in unexpected ways that produce surprising results. It is written and extremely well illustrated in an easy to understand style for all photographers regardless of skill level. The book is appropriate for anyone in law enforcement, military operations, and private investigation. It will also benefit government surveillance specialists and those responsible for detecting and thwarting manual clandestine photography.

Award-winning photographer Stuart Franklin's exploration of how we, as humans, are driven to visually document our experiences and the world around us. Stuart Franklin took one of the most powerful photographs of the twentieth century - the 'tank man' in Tiananmen Square, Beijing, 1989. From his insightful position as a photographer, Franklin explores why we are driven to visually document our experiences and the world around us. He focuses on photography but traces this universal need through art, literature and science. Looking at photojournalism, war photography and work recording our culture, Franklin identifies some of its driving impulses: curiosity, outrage, reform and ritual; the search for evidence, for beauty,

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for therapy; and the immortalization of memory. As our understanding of 'documentary' continues to expand, Franklin considers photographic staging - where, perhaps, the future of the genre may lie: in search of truth over fact. "This book traces what I shall call the documentary impulse. Here I mean the passion to record, with fidelity, the moments we experience and wish to preserve, the things we witness and might want to reform; or simply the people, places or things we find remarkable... Photography (and journalism) practised respectfully has the power to educate us all towards a greater understanding and empathy towards others." —Stuart Franklin

You own a Nikon DSLR, but which Nikon (Nikkor) lens is best for your shooting style and your budget? This guide by pro photographer Jerod Foster will help you learn the features of Nikon lenses to capture the stunning pictures you want for a price that matches your needs. Foster starts with the basics of using lenses in the Nikon lineup—from kit, to prime, to wide angle, to telephoto, to zoom, and more. Whether it's portraits, landscapes, sports, travel, or night photography, you will have a better understanding of the different Nikon lenses and your choices for investing in them. In this guide you will: Master the key camera features that relate to lenses—depth of field, perspective, and vibration reduction Learn the difference between full frame versus cropped sensors and how they affect specific lenses Understand best practices for maintaining your lenses and for taking better pictures Accessorize your Nikon lenses with lens rigs, extenders,

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and other add-on equipment Minimize lens flaws such as distortion and chromatic aberration in post processing with Lightroom Grasp all the concepts and techniques as you go, with assignments at the end of every chapter Beautifully illustrated with large, compelling photos, this book for beginning-to-intermediate digital photographers will help you get the image you want every time you pick up your camera. And once you have the shot, show it off and join the book's flickr group:

www.flickr.com/groups/nikonlenses_fromsnapshotstogreatshots.

Provides information on using digital SLR cameras, covering such topics as memory cards, choosing exposure, lenses, sharing photographs online, using the flash, composing a photograph, and image editing.

Autofocus changed the way photos are taken, making it easier to capture and keep the subject in sharp focus. Since autofocus was first introduced, it has become much more complicated, offering different focus modes, focus types, and focus points. What started out as a way to simplify the photo-making process has turned into a complicated endeavor with numerous choices and settings. A Photographer's Guide to Focus and Autofocus: From Snapshots to Great Shots is here to answer all your questions about the focusing system in today's cameras and their various autofocus modes. Photographer Alan Hess covers the

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simple basics of focus: manual focus versus autofocus, the best focus modes to use, and how focus works in both DSLRs and mirrorless cameras. Then he discusses more advanced topics, including autofocus sensor types, back-button autofocus, and focus for DSLR video. There is much more to autofocus, and focus in general, than just pushing the shutter release button and hoping the image is sharp and in focus. With this book, you'll learn how to get the right focus in your images, no matter what the occasion. Follow along with your friendly and knowledgeable guide, and you will: Learn the top ten things to know about focus, including how to use the focus controls on the camera, how to pick the autofocus point, and when to use pre-focus in your images Address common autofocus issues such as dealing with low contrast or low light, or shooting through obstacles like glass or a fence Develop troubleshooting techniques for what to do when the autofocus doesn't work properly Work with both manual focus and autofocus and learn tricks to achieve better focus in video And once you've got the shot, show it off! Join the book's Flickr group to share your photos and tips at

[flickr.com/groups/focusandautofocusfromsnapshotstogreatshots](https://www.flickr.com/groups/focusandautofocusfromsnapshotstogreatshots)

The two volumes of the Learning to Photograph series give students and interested amateur photographers essential information about technique and

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design as well as an understanding of the big concepts of photography. This first volume brings readers up to speed on the basics of camera technology: optics and exposure. The authors provide an overview of these technical elements before going into detail about how cameras and lenses work and how they influence one another. Building upon this foundation, the authors discuss the practical application of this knowledge, showing readers how to put this information to use to create images and realize ideas effectively. The numerous example photos and informational graphics not only illustrate the concepts at hand, but also make the lessons visually pleasing and offer inspiring templates for readers to imitate in their own craft. Topics include: Optics and lenses
Exposure metering and control
Image sensors, viewfinders, and displays
Live view and video functionality
Flash units and additional accessories
The right camera
Photo technology in practice
The subsequent volume in the Learning to Photograph series addresses visual concepts and composition.

Effective science communication is no easy task. While the effective conveyance of technical knowledge presents formidable roadblocks to sharing scientific knowledge and discoveries, certain communication tools like video and film production help to bridge this gap. This user's manual provides a complete set of easy-to-follow directions for video-making as well as tricks of the trade to

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leverage these skills to better inform the intended audience.

This guide by pro photographer Jerod Foster will help you conquer the fundamentals and capture stunning pictures. Foster starts with the basics of using different lenses in the Canon lineup—from kit, to wide angle, to telephoto, to zoom, and more, to understand what they do and how their features affect your images. He discusses factors such as depth of field, perspective, and compression and which types of lenses are right for your style of shooting. Whether it's portraits, landscapes, or street photography, you will have a better understanding of your equipment and understand your choices for investing in lenses.

Diese vollständig aktualisierte und überarbeitete Ausgabe des Standardwerks der veterinärmedizinischen Augenheilkunde präsentiert die neuesten Diagnose- und Therapieverfahren. Das Fachbuch deckt die Grundlagenwissenschaften und klinische Behandlungsmethoden ab, spiegelt den aktuellen Stand der Forschung wider und beschäftigt sich mit der Augenheilkunde sämtlicher Tierarten, darunter Hunde, Katzen, Pferde, Großtiere und Exoten. Augenerkrankungen bei Katzen, Pferden und Vögeln werden noch ausführlicher und anhand von nahezu zweitausend Farbfotos erläutert. Dieses Fachbuch ist ein Muss für Veterinärmediziner in der Behandlung von Augenkrankheiten. - Die 6. Auflage

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von Veterinary Ophthalmology präsentiert alle Aspekte, die für die Diagnose, Behandlung und das Management von Augenkrankheiten relevant sind. Zu dieser Auflage gehören auch eine begleitende Website mit Videoclips und Abbildungen aus der Printausgabe im PowerPoint-Format, weiterhin das wohl umfassendste Literaturverzeichnis zu dem Fachgebiet. - Neue Auflage des Standardwerks der Augenheilkunde für Veterinärmediziner. - Bietet noch mehr Inhalte zu Augenerkrankungen bei Katzen, Pferden und Vögeln. - Mit mehr als 2000 Farbfotos, die die Inhalte verdeutlichen. - Die Autoren sind international renommierte Experten des Fachgebiets. - Begleitende Website mit Videoclips und Bildermaterial im PowerPoint-Format zum Herunterladen. Die 6. Auflage von Veterinary Ophthalmology darf in der Handbibliothek von Fachtierärzten mit Spezialisierung auf Augenheilkunde und Veterinärmediziner, die Augenerkrankungen behandeln, nicht fehlen.

The use of images, particularly photography, has been steadily gaining popularity in academia, but there has not yet been a book that deals with the act and process of photo-taking in the field. Drawing upon 21 years of photographic experience and sociological research, Terence Heng's immersive and narrative style will: introduce photography as a qualitative method; discuss the intricacies of, challenges in and opportunities for using a camera in the field; explore

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common themes and topics in social science research, including photographing rituals, space, people and objects; advise on navigating the always evolving technological landscapes of traditional, digital and mobile photography. *Visual Methods in the Field: Photography for the Social Sciences* is a photography guide written for researchers by a researcher. Using in-depth ethnographic case studies from research done in various urban environments, this book will act as a crucial bridge for students in geography, sociology, education, media studies and other social sciences to incorporate photography into their research repertoire.

Anyone who buys this superb Sony semi-professional camera will want to try out every one of its awesome features. The 12.24 MP Exmor™ APS-C size CMOS imager, with on-chip noise-canceling before and after A/D conversion, provides over 12 million pixels. A Dynamic Range Optimizer with Advanced Auto mode allows you to select any of 5 dynamic range optimization (DRO) correction levels; Super SteadyShot® Image Stabilization has built-in technology that moves the image sensor in response to camera shake, reducing blurs. Magic Lantern shows photographers how they all work!

The top-rated and top-selling photography ebook since 2012 and the first ever Gold Honoree of the Benjamin Franklin Digital Award, gives you five innovations no other book offers: Free video training. 9+ HOURS of video training integrated into the book's content (requires Internet access). Travel around the world with Tony and Chelsea as they teach you hands-on. Appendix A lists the videos so you can use the book like an inexpensive video

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course. Classroom-style teacher and peer help. After buying the book, you get access to the private forums on this site, as well as the private Stunning Digital Photography Readers group on Facebook where you can ask the questions and post pictures for feedback from Tony, Chelsea, and other readers. It's like being able to raise your hand in class and ask a question! Instructions are in the introduction. Lifetime updates. This book is regularly updated with new content (including additional videos) that existing owners receive for free. Updates are added based on reader feedback and questions, as well as changing photography trends and new camera equipment. This is the last photography book you'll ever need. Hands-on practices. Complete the practices at the end of every chapter to get the real world experience you need. 500+ high resolution, original pictures. Detailed example pictures taken by the author in fifteen countries demonstrate both good and bad technique. Many pictures include links to the full-size image so you can zoom in to see every pixel. Most photography books use stock photography, which means the author didn't even take them. If an author can't take his own pictures, how can he teach you? In this book, Tony Northrup (award-winning author of more than 30 how-to books and a professional portrait, wildlife, and landscape photographer) teaches the art and science of creating stunning pictures. First, beginner photographers will master: Composition Exposure Shutter speed Aperture Depth-of-field (blurring the background) ISO Natural light Flash Troubleshooting blurry, dark, and bad pictures Pet photography Wildlife photography (mammals, birds, insects, fish, and more) Sunrises and sunsets Landscapes Cityscapes Flowers Forests, waterfalls, and rivers Night photography Fireworks Raw files HDR Macro/close-up photography Advanced photographers can skip forward to learn the pro's secrets for: Posing men and women. including corrective

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posing (checklists provided) Portraits (candid, casual, formal, and underwater) Remotely triggering flashes Using bounce flash and flash modifiers Using studio lighting on any budget Building a temporary or permanent studio at home Shooting your first wedding High speed photography Location scouting/finding the best spots and times Planning shoots around the sun and moon Star trails (via long exposure and image stacking) Light painting Eliminating noise Focus stacking for infinite depth-of-field Underwater photography Getting close to wildlife Using electronic shutter triggers Photographing moving cars Photographing architecture and real estate

Presents a guide to the Nikon D5300 camera that provides information on the camera's modes and menus, exposure, lenses, lighting, live view and video, focus and color, and in-camera editing.

Light & Lens: Photography in the Digital Age is a groundbreaking introductory book that clearly and concisely provides the instruction and building blocks necessary to create thought-provoking digitally based photographs. It is an adventurous idea book that features numerous classroom-tested assignments and exercises from leading photographic educators to encourage you to critically explore and make images from the photographers' eye, an aesthetic point of view. Acquire a basic foundation for digital photography. Light and Lens covers the fundamental concepts of image-making; how to use today's digital technology to create compelling images; and how to output and preserve images in the digital world. Explore the history, theory and methods of digital image-making. Light and Lens translates the enduring aesthetics of art photography into the digital realm. You'll view, capture and think about images from a new perspective. Increase your ability to analyze, discuss and write about your own

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work and the images of others. Learn with exercises and assignments by leading digital educators. Innovative techniques will train your eye to make the strongest visual statement. Solve visual problems and overcome image challenges. Whether you use a digital SLR or a point-and-shoot camera, you'll get new strategies to master composition, design and light. View the full range of the digital terrain with stunning images and commentary by over 190 international artists. Robert Hirsch is a renowned photographer, educator, historian and writer. His book credits include *Photographic Possibilities: The Expressive Use of Ideas, Materials and Processes*; *Exploring Color Photography: From the Darkroom to the Digital Studio*; and *Seizing the Light: A History of Photography*. He has had many one-person shows and curated numerous exhibitions. Hirsch has also conducted many workshops and interviewed eminent photographers of our time. The former executive director of CEPA Gallery, he is now the director of Light Research in Buffalo, New York, and on the Visual Studies faculty of University of Buffalo/The State University of New York.

The Shot Doctor is a new kind of digital photography book that focuses on the “how-to” and less on the “how it works” or the technology behind the camera. This book is designed to be small enough to fit in your back pocket or in a camera bag. It is aimed at everyday parents, students, sporting enthusiasts, and average joes who just want to take decent pictures at their kids’ soccer games and dance recitals and who don’t aspire to make digital photography a hobby. • Easy-to-follow when-why-how “recipes” help you set your camera to get great shots right away • Beautiful full-color interior • Step-by-step instructions for conquering everyday photography challenges, including sporting events, school recitals and performances, vacations, babies, children, and special events • Simple explanations of camera controls help

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you understand when to use them, why they work, and how to use them • Compact, stays-open design means you can carry it everywhere and refer to it while you're taking pictures • Visual before and after examples of common photography problems help you choose the right solution for your photography challenges Mark Edward Soper has been using adjustable cameras since 1971 and digital cameras since 2000, for a total of more than 37 years as an enthusiastic and serious amateur photographer. Mr. Soper's when-why-how approach to photography, which combines picture-based methods (take a picture, change settings, see how the picture improves), has been tested through years of teaching photography as well as by the hundreds of photographs he has taken for many of his books. Mark is the author of Easy Digital Cameras and Unleashing Windows Vista Media Center, as well as books on corporate and home networking, PC upgrades, home automation, and PC troubleshooting. Category: Digital Photography Covers: Digital Cameras User Level: Beginner-Intermediate Underwater Digital Photography for DSLRs will help you select a camera and housing that will fit your needs, show you how to maintain it in good working order and how to use your system to achieve the best results. The book is divided into three parts. Part One covers cameras, housings, accessories, and the care and maintenance of UW photo gear. Part Two covers underwater photography techniques for getting the best results from your equipment. Part Three discusses digital image processing including color and exposure correction, the use of special effects filters, retouching methods, composites and panoramas, automation techniques and methods of presenting your images.

Through a series of easy-to-follow lessons, The Canon EOS Digital Rebel XSi/D450 Companion gives you a complete class on digital photography, tailored specifically for people

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who use this camera. This is not a typical camera guide: rather than just showing you what all the buttons do, this unique book teaches you how to use various Digital Rebel features to make great photographs. With The Canon Digital Rebel XSi Companion in your camera bag, you have the perfect field reference for taking stunning pictures of any occasion or place, any time. You get valuable creative tips and technical advice.

Your guide to capturing that perfect shot The Nikon D7500 has created a buzz in the photography community, gaining recognition for its appealing combination of high-end features and compact size. If you're upgrading your existing dSLR or even purchasing your very first camera, Nikon D7500 For Dummies will help you feel like a pro in no time. This book highlights the importance of understanding all of the basic features of your new camera, before diving into insights about how to take top-notch photos. You'll learn about when and how to use flash, understand exposure, and control focus and depth of field. There is also information on taking expert action, close-up, and landscape shots, and how to access and download those photo files. Photography is a great way to capture lifelong memories, and this book makes it easy to get started. Learn photography terminology Shoot, view, and trim movies Master color controls Discover ways to customize your camera Don't just settle for auto mode; take advantage of all the D7500's amazing features with the help of Nikon D7500 For Dummies! The Leica D-Lux 6 is one of the top choices for photographers who want an advanced camera they can carry around to capture great images without the complication and weight of a DSLR or other large camera. With features such as a very fast lens with an aperture of f/1.4, excellent image quality, and a solid array of burst-shooting

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capabilities, the D-Lux 6 has attracted an enthusiastic following. However, the camera does not come with a detailed printed manual for reference, making it hard for users to find answers to questions about the use of the camera's many controls, menus, and features. With the release of this guide book to the D-Lux 6, White Knight Press has provided users with a comprehensive guide to all operations of this sophisticated camera. Using a patient, tutorial-like approach, the book provides guidance to beginning and intermediate photographers about how to accomplish things with the D-LUX 6, as well as when and why to use the camera's many controls, menu options, and other features. The book does not assume specialized knowledge by the reader as it explains topics such as autofocus, manual focus, depth of field, aperture priority, shutter priority, exposure bracketing, white balance, and ISO sensitivity. The book also provides details about the camera's numerous options for playback, setup, and customizing the operation of the various buttons and other controls. The book contains approximately 400 photographs, almost all in full color, illustrating the D-Lux 6's controls, shooting screens, and menus. The images also provide examples of the various types of photographs that can be taken using the many creative settings of the camera, including the Creative Control settings, which let the photographer alter the color processing and other aspects of images; the Scene shooting mode, with settings that are optimized for various subjects, including landscapes, portraits, and action shots; the Photo Style menu option, which provides the ability to customize the

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appearance of images; and the camera's strong array of features for continuous shooting and shooting in dim lighting. In addition, the book goes beyond the bounds of everyday photography, and introduces more advanced topics such as infrared photography, street photography, digiscoping, astrophotography, and High Dynamic Range (HDR) photography. The book also includes a full discussion of the video recording abilities of the D-Lux 6, which can shoot high-definition (HD) video with stereo sound, and which offers manual control of exposure and focus during movie recording. In three appendices, the book provides information about accessories for the D-Lux 6, including cases, external flash units, viewfinders, and filter adapters, and includes a list of web sites and other resources for further information. The book includes a detailed appendix with helpful Quick Tips with insights into how to take advantage of the camera's features in the most efficient ways possible.

A picture-perfect beginner guide to the new Nikon D5100 Eager to take a shot at using the exciting new Nikon D5100? Then this is the introductory book for you! Aimed at first-time DSLR shooters who need a friendly guide on how to use their camera, this straightforward book is packed with full-color images that help demonstrate how to use features of the Nikon D5100. Coverage explores the on-board effects, low-light settings, and automatic HDR shooting. Clear explanations detail the ways in which you can use the new features of the Nikon D5100 to add unique shots to your portfolio while an explanation of photography terms gets you confident and savvy with this fun DSLR

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camera. Covers basic camera controls and functions, shooting in auto mode, setting photo quality, and navigating menus and the view screen Introduces the basics of photography, including the settings that control lighting, exposure, focus, and color Addresses the new low-light and HDR settings Encourages you to use the new onboard effects features and shares tips for improving images with editing software Get a grasp on the fun Nikon D5100 with this fun and friendly guide!

Explains how to evaluate digital cameras, compose and capture scenes, adjust color balance, crop out unwanted elements, sharpen focus, apply special effects, and prepare images for printing.

The perennial DSLR bestseller—now expanded with more photography tips *Digital SLR Cameras & Photography For Dummies* has remained the top-selling book on DSLR photography since the first edition was published. Now in its Fifth Edition, it covers the latest technologies in the world of DSLR cameras and photography to help you master the techniques that will take your digital photography skills to the next level. Written in plain English and complemented with full-color photos, this hands-on, friendly guide covers the mechanics of the camera; exposure, lenses, and composition; how to capture action, portrait, and low-light shots; editing and sharing images; tips for improving your digital photography skills; and much more. Digital SLR cameras offer the mechanisms and flexibility of traditional pro-level cameras with the instant results and output of digital cameras. If you're a proud owner of a DSLR camera and want to

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take stunning shots that were once only achievable by the pros, this is the guide you need. Written by one of the most recognized authors in digital photography, this accessible resource makes it fast and easy to start capturing professional-quality photos. Full-color format helps bring the information to life Includes coverage of the latest DSLR cameras to hit the market Provides a foundation on exposure settings, file formats, and editing photos Offers expanded content on capturing the portraits, action shots, nature shots, and night shots photographers love to take If you're interested in capturing more than just a "selfie" and truly want to hone the craft of digital SLR photography, Digital SLR Cameras and Photography For Dummies sets you up for success.

While focusing your camera seems like it should be a no-brainer-there's autofocus, after all!-it's often not a simple task. Depending on the shooting situation, your camera, and the countless scenarios that can "throw off" the focus, the task of achieving sharp images with great focus can be deceptively challenging. If you're a passionate photographer eager to learn the best ways to achieve tack-sharp focus in your images, these 50 focus-based principles are exactly what you need to take your work to the next level. With photographer and author John Greengo as your guide, you'll quickly learn nearly four dozen techniques for achieving focus in every shooting situation. You'll learn:

- How to optimize autofocus no matter what kind of camera you have (DSLR or mirrorless)
- How to master manual focus
- Which focus modes and focus areas work

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best for different situations • How to use your camera's autofocus aids, such as magnification and focus peaking • Techniques to keep your camera stable, either handheld or on a tripod • How shutter speed and aperture affect sharpness Written in the author's friendly and approachable style, and illustrated with examples that clearly show how each technique can help you capture great photos, 50 Things Photographers Need to Know About Focus is designed to be an effective, fast, and fun way to learn how to achieve great focus in your images-no matter what situation. TABLE OF CONTENTS Chapter 1: Focus Basics Chapter 2: Autofocus Chapter 3: Mirrorless Autofocus Chapter 4: DSLR Autofocus Chapter 5: Customized Autofocus Controls Chapter 6: Autofocus Aids Chapter 7: Autofocus and Lenses Chapter 8: Manual Focus and Lenses Chapter 9: Exposure Control for Focus Chapter 10: Advanced Focusing Techniques Chapter 11: Other Focus Topics.

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