

Canon Focus Macro Lens

The Complete Guide to Macro and Close-Up Photography is a comprehensive handbook on macro and close-up photography, offering both ambitious beginners and veteran photographers all the information they need to create great macro photographs. Experienced photographer and author Cyrill Harnischmacher covers: Explanations of all the concepts behind close-up and macro photography Equipment, including camera systems, macro lenses, close-up lenses, extension tubes, and reversing rings Shooting techniques such as high-speed photography using photoelectric sensors, light painting, focus stacking to extend depth of field, panoramic and infrared macros, extended contrast with HDR technology, and multiple exposures Tackling subject matter both in the field and in the studio Working creatively with ambient and artificial light Countless hands-on shooting tips Post-processing your macro images The book also offers insights about macro photo composition, discussing light, color, camera position, and focus. With more than 600 images and figures illustrating the various ways readers can document the world of the infinitesimal, this book is not only a technical guide, but also a source of inspiration giving readers ideas to run with and make their own. Finally, the book also includes do-it-yourself projects, offering solutions both for everyday shooting as well as for dealing with specific situations unique to macro photography.

Veteran author Julie Adair King demystifies the high-end features of the new Canon T1i. The Canon EOS Rebel T1i is the newest camera offered in Canon's popular Rebel line of digital SLRs-and sells for less than \$900. Packed with page after page of full-color images, this hands-on guide is aimed at helping you make the most of the Canon T1i's controls and shooting modes. Get ready to maximize the camera's main functions in order to create effective digital photos. Bestselling author Julie Adair King brings her expertise in the areas of digital cameras and photography and combines it with her fun and friendly writing style to offer you helpful explanations and advice. Plus, examples walk first-time users of a digital SLR camera through the basic features as well as the software that accompanies the camera. Selling for under \$900, the Canon EOS Rebel T1i is a consumer-friendly digital camera, ideal for first-time owners Shows you how to shoot in auto mode, use live view and playback modes, and explore the on-board controls Demonstrates techniques for dialing in exposure and lighting controls, manipulating focus and color controls, and handling situational shooting Covers printing, posting online, and other ways to share images Picture this: taking better digital photos than you ever thought possible with your Canon EOS Rebel T1i! Extreme Close-Up Photography and Focus StackingCrowood

The award-winning third edition of 'The Underwater Photographer' dragged the topic kicking and screaming in to the digital age and with the fully updated fourth edition highly respected photographer and tutor Martin Edge takes you deeper in to the world of Underwater Photography. Practical examples take you step-by-step through the basic techniques from photographing shipwrecks, divers, marine life and abstract images to taking photographs at night. Brand new chapters cover not only highly specialist Underwater Photography techniques such as low visibility/greenwater photography, but also the digital workflow needed to handle your images using the latest software such as Lighthouse. Packed with breathtaking images and an easy to read style honed from over twenty years of diving photography courses, this book is

sure to both educate and inspire underwater photographers of all skill levels. The author of *Create* presents “an all-in-one, easily accessible handbook . . . [that] will show you how the pros do it. Study this and take your best shot” (Chase Jarvis, award-winning photographer). In *Advancing Your Photography*, Marc Silber provides the definitive handbook that will take you through the entire process of becoming an accomplished photographer. From teaching you the basics to exploring the stages of the full “cycle of photography,” Silber makes it easy for you to master the art form and create stunning pictures. From thousands of hours of interviews with professional photography masters, you will learn valuable insights and tips on beginner, amateur, landscape, wedding, lifestyle, sports, animal, portrait, still life, and iPhone photography. *Advancing Your Photography* features:

- Top tips for making outstanding photographs from iconic photographers and many other leading professional photography masters of today
- Numerous step-by-step examples
- Guidance on training your eye to see composition with emotional impact
- Tips on mastering the key points of operating your camera like a pro
- Secrets to processing your images to professional standards

Photography and the technology associated with it are constantly evolving, but the fundamentals remain the same. *Advancing Your Photography* will help to bring you the joy and satisfaction of a lifetime of pursuing the art of photography.

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 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/focusandautofocusfromsnapshottogreatshots](https://www.flickr.com/groups/focusandautofocusfromsnapshottogreatshots)

Shoot Stunning, Professional Food Photography that Looks Good Enough to Eat! Snapping unbelievably gorgeous food photos has never been simpler than with *Picture Perfect Food*, your all-in-one guide to delicious-looking images from prolific photographer and educator, Joanie Simon. Whether you’re an up-and-coming food blogger, looking to break into commercial photography or capturing food just for fun

(and your Instagram account), this approachable collection of tutorials will have you taking tantalizing and tasty shots with every snap of the shutter. No matter if you're using your phone, your fanciest DSLR or any camera in between, you'll gain complete confidence as you expand your technical knowledge and grow your artistic eye, creating awe-inspiring images that dazzle the senses. With her cheerful teaching style, Joanie walks you through each element of a masterful food photo in chapters devoted to Camera Settings, Light and Shadow, Story, Props Styling, Composition, Food Styling and Finding Inspiration. Learn how to find the best light in your house for standout shots and to delve into the shadows to create a moody and mesmerizing atmosphere; discover how to compose the elements in your scenes through color theory and visual weight for unforgettable images that capture and hold the eye; and uncover the secrets of styling sensational salads and stunning soups and keeping your cool when shooting frozen foods, among other essential tricks of the trade. With camera in hand and Joanie's expert guidance at your fingertips, tackle every photography challenge with confidence and take your food photos from meh to mouthwatering in no time.

An updated bestseller, this book of extraordinarily beautiful photographs of nature contains state-of-the-art instruction on how any photographer can aim for equally impressive results every time a camera is focused on the great outdoors. Even highly skilled photographers are often baffled by the problems facing them when they work outdoors. But with this exceptional field guide in hand, every photographer—beginner, serious amateur, semi-pro, and pro—can conquer the problems encountered in the field. Using his own exceptional work as examples, the author discusses each type of nature subject and how to approach photographing it. Specific advice and information cover selection of equipment and lenses; how to compose a shot; how to get close ups; and other tips covering a range of techniques to enrich various types of nature photographs. This practical book explains what is meant by macro photography and how to get even closer to your subject: not just a close-up of a butterfly, but details of the eye and wing scales. The techniques described explore ways to photograph virtually any creature, whether terrestrial, marine or from freshwater. All the key elements to achieve extreme close-ups are built in a clear way, for both outdoor and studio use, and special attention is given to focus stacking, with both software and further enhancements covered. Topics covered include an explanation of the equipment and techniques needed to gain extreme close-ups; advice on different lighting and support equipment, including the practicalities of tanks and aquatic organisms; suggestions on how to achieve sharpness, detail and ultimate depth of field; and coverage of all aspects of focus stacking with ideas for improvement. Step-by-step examples cover a wide range of wildlife. Superbly illustrated with 219 colour photographs.

Capturing the grandeur of landscapes or mood of a certain natural light is challenging but often the simple details of a texture or color evade photographers most of all. In *Close Up Photography in Nature*, best-selling authors and nature photography pros, John and Barbara Gerlach, share the tips and techniques necessary to successfully photograph the beauty all around you. The Gerlachs are celebrated teachers who understand a photographer's mind so they begin this book with a brief overview of the fundamentals before delving into some of the more advanced and unique challenges of close up photography. Topics covered include: advanced flash techniques specific for close up shooting, as well as a discussion on focus stacking strategies and tilt-shift

lenses for getting maximum depth-of-field. The Gerlachs also discuss their strategy of mixing flash with natural light when shooting close up, which opens up all sorts of photographic possibilities – opening up shadows, creating shadows, separating the subject from the background, reducing contrast between the subject and the background, improving the color rendition, shooting sharper images, and much more. This book will change the way you see the world as well as the way you share it through your work! the world through your work!

25 years of nature photography instruction in one gorgeous, full-color, hands-on course Anyone can photograph nature—just step outside and you're on location. But becoming a good nature photographer takes expert training. In *Photographing Nature*, Ralph Clevenger, whose images have appeared in such publications as *Nature's Best* and *National Geographic*, shares the techniques he's been personally using and teaching to aspiring photographers for the last 25 years in his popular nature photography course at the elite Brooks Institute. In this stunning, four-color course-in-a-book, each chapter opens with a spectacular photo spread from the natural world that Clevenger uses to illustrate themes and techniques essential to mastering nature photography. Just as he does in his classroom at Brooks, Clevenger explains how each photo was captured, the tools and techniques used, and typical problems related to capturing such a photo, along with solutions. Chapters also include sample Q&A sessions as well as assignments you can try yourself. By the time you've worked through all of the techniques in this beautiful, yet informative book, you'll not only photograph the world differently, you'll see it differently as well. With a foreword by George Lepp, one of North America's best-known contemporary outdoor and nature photographers. Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

Identifying a beautiful image in nature is easy, but capturing it is often challenging. To truly seize the essence of a photograph shot out of the studio and in the world requires an artistic eye and impeccable set of photographic techniques. John and Barbara Gerlach have been teaching photographers how to master the craft of photographing nature and the outdoors through their workshops and best-selling books for more than twenty years. Now, equipped with brand new images to share and skills to teach, this celebrated photo team is sharing their latest lessons in the second edition of *Digital Nature Photography*. Notable revisions in this new edition include introducing the concepts of focus stacking and HDR, as well as expanded discussions of multiple exposure, wireless flash, RGB histograms, live view, shutter priority with auto ISO, hand-held shooting techniques, and the author's equipment selections. The inspiring imagery in this book covers a broader range of subjects than before including ghost towns, the night sky, animals, and sports, in addition to the classic nature photographs we expect from this very talented author team. This book is a comprehensive guide to one of the broadest subjects in photography, explained and demystified by two respected masters. Special techniques for creating unique, artistic, close-up images Macro, or close-up, photography is gaining popularity, and this book covers all of the challenges associated with taking great close-ups: depth of field, focus, and exposure. Copublished with Photoworkshop.com, a leading online educational resource for both beginning and professional photographers, this task-oriented reference allows readers to learn by doing and offers outstanding examples and instructions.

Portable Video: ENG and EFP, Fifth Edition focuses on the techniques and technology of

single camera electronic news gathering and electronic field production. Covering everything from basic creative and technical editing techniques to budgets and copyright issues, it is accessible to the home videomaker or amateur and to the professional seeking information on the newest advances in technique and equipment. * Includes special focus on TV news production and field production * Suitable for complete beginners

The secret to taking great "people pictures" is to observe your subjects, connect with them, and use your camera to its best advantage. Here's how to work with lighting, location, angle, composition, physical characteristics, environment, and countless other variables, including the unique challenges of photographing babies, group activities, and action. Learn to capture facial expressions, tell a story with a series of candid, add interest to large-group shots, and more. Apply these techniques and watch your subjects come to life.

If you're a beginner photographer, this book can save you hundreds of dollars. If you're a seasoned pro, it can save you thousands. With access to over 16 HOURS of online video, this book helps you choose the best equipment for your budget and style of photography. In this book, award-winning author and photographer Tony Northrup explains what all your camera, flash, lens, and tripod features do, as well as which are worth paying for and which you can simply skip. Tony provides information specific to your style of photography, whether you're a casual photographer or you're serious about portraits, landscapes, sports, wildlife, weddings, or even macro. For the casual reader, Tony provides quick recommendations to allow you to get the best gear for your budget, without spending days researching. If you love camera gear, you'll be able to dive into 200 pages of detailed information covering Nikon, Canon, Sony, Micro Four-Thirds, Olympus, Samsung, Leica, Mamiya, Hasselblad, Fuji, Pentax, Tamron, Sigma, Yongnuo, PocketWizard, Phottix, Pixel King, and many other manufacturers. Camera technology changes fast, and this book keeps up. Tony updates this book several times per year, and buying the book gives you a lifetime subscription to the updated content. You'll always have an up-to-date reference on camera gear right at your fingertips. Here are just some of the topics covered in the book: What should my first camera be? Which lens should I buy? Should I buy Canon, Nikon, or Sony? Is a mirrorless camera or a DSLR better for me? Do I need a full frame camera? Is it safe to buy generic lenses and flashes? What's the best landscape photography gear? Which portrait lens and flash should I buy? What gear do I need to photograph a wedding? How can I get great wildlife shots on a budget? Which sports photography equipment should I purchase? Should I buy zooms or primes? Is image stabilization worth the extra cost? Which type of tripod should I buy? Which wireless flash system is the best for my budget? How can I save money by buying used? What kind of computer should I get for photo editing? What studio lighting equipment should I buy? When you buy this book, you'll be able to immediately read the book online. You'll also be able to download it in PDF, .mobi, and .epub formats--every popular format for your computer, tablet, smartphone, or eReader!

- This is a highly-anticipated addition to Canon's advanced amateur lineup, with outstanding features that are the highest in the DSLR class - This guide is indispensable for photographers who want to take full advantage of all this impressive new model has to offer

The EOS Rebel series brings together everything photographers want in a 35mm camera--they're simply the most advanced SLRs in their class. To find out how best to use these masterpieces of form and function--Canon EOS Rebel T2, EOS Rebel K2, EOS Rebel Ti, plus their European counterparts--look into the Magic Lantern Guide. With loads of diagrams and user-friendly instructions, it covers every aspect of these fully automatic 35mm Autofocus SLRs: their 7-point High-Speed, Wide-Area Selectable AF with Advanced 35-zone Metering; Safety Shutter-Release Lock and Camera Shake Warning; and Advanced E-TTL II Autoflash and Enhanced Built-in Flash.

Enhanced with more than two hundred color illustrations and composition, equipment, and light

information, this instructional guide provides helpful techniques, tips, and secrets for making up-close photographs powerful pieces of unique art.

David Busch's Canon EOS 90D Guide to Digital Photography is your all-in-one comprehensive resource and reference for the advanced Canon EOS 90D camera. This upgraded 32.5 megapixel APS-C model features a 45-point autofocus system. The Dual Pixel CMOS hybrid autofocus brings lightning-fast phase detect AF to live view and high-definition movie modes, too. The 90D's metering system includes a 220,000-pixel RGB+Infrared sensor with Face Detection for accurate exposure control. The 90D has Wi-Fi/ Bluetooth connectivity to allow linking the camera to a computer and iOS or Android smart devices, and an improved swiveling touch screen LCD. With this book in hand, you can quickly apply all these advanced features to your digital photography, while boosting your creativity to take great photographs with your Canon EOS 90D.

Filled with detailed how-to steps and full-color illustrations, *David Busch's Canon EOS 90D Guide to Digital Photography* covers all this upscale camera's features in depth, from taking your first photos through advanced details of setup, exposure, lens selection, lighting, and more, and relates each feature to specific photographic techniques and situations. Also included is the handy 90D "roadmap," an easy-to-use visual guide to the camera's features and controls. Learn when to use each option and, more importantly, when not to use them, by following the author's recommended settings for every menu entry. With best-selling photographer and mentor David Busch as your guide, you'll quickly have full creative mastery of your camera's capabilities, whether you're shooting on the job, as an advanced enthusiast, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Canon EOS 90D today.

Your Canon EOS Rebel XS/1000D is small, lightweight, and packed with power and versatility. This handy, portable guide helps you take full advantage of Live View shooting, in-camera Canon EX SpeedLite control, intuitive, large-text menus, and all the controls. It offers innovative ideas and fresh thoughts to help you capture images that reflect your personal creative vision, plus advice on setting up your camera for your shooting style; using Canon's Picture Styles to manage color, contrast, and sharpness; and capturing outstanding action, wildlife, portrait, travel, nighttime, and macro shots.

Successful nature photographer and lecturer Charles Needle often asks students in his workshops if they understand the difference between "looking" and "seeing". The difference he is pointing out is that while we are constantly "looking" at countless people, places and things, we might not be actually seeing what is right in front of us. Being tuned into this difference can elevate your art as a photographer, allowing you to be more in tune with your surroundings. Needle has applied this concept to his work and it shows. Utilizing macro photography to capture the nuances of the nature all around us. In this extensive handbook, Needle covers not only his philosophy for seeing and capturing nature photography but delves into the equipment he uses. Needle covers composition, flash techniques, the fundamentals of macro photography and so much more. The book features many set-up shots, equipment shots and sequential shots detailing the progression towards creating the final images. This essential text provides both the inspiration and the technique required to beautifully capture the wonders of nature.

Selected by the American Library Association's 'Choice' magazine as "best technical book", the first edition of this book soon established itself as the standard reference work on all aspects of photographic lenses and associated optical systems. This is unsurprising, as Sidney Ray provides a complete, comprehensive reference source for anyone wanting information on photographic lenses, from the student to the practitioner or specialist working with visual and

