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Canon EOS 7D For Dummies

Jumpstarting the Raspberry Pi Zero W

Your Nikon D90 digital camera offers professional-quality features like 11-point autofocus, Live View, and the ability to shoot HD video. Take full advantage of every feature with Nikon D90 For Dummies! This fun and easy guide helps you understand and use all the dials and modes, manage photo size and quality, take creative control with manual settings, and share your images in print or online. With this full-color book, getting great shots is a snap. You'll learn to: Format memory cards, use Live View, create custom settings, and change lenses Use thumbnail and calendar displays and picture data, and get tips for inspecting your photos Control aperture, shutter speed, and ISO; work with active D-lighting; and use various flash modes Take control of lighting, exposure, and color Set up, shoot, and review photos using the viewscreen Record HD video, including sound, and know what your D90 can and can't do Download, organize, and archive your images, share them in prints, e-mails, or slide shows, and use Nikon's photo management software Decide when you should use JPEG and when to use NEF Adjust resolution for optimum print quality or file size Photographic expert Julie Adair King also shares secrets for getting the best point-and-shoot pictures, why you might not want to use the top image quality setting, and much more. Grab your Nikon D90 and Nikon D90 For Dummies, and start shooting!

The AAVSO DSLR Observing Manual

Get the most out of the new Canon EOS 7D with this fun and friendly guide The new Canon EOS 7D comes equipped with a huge 18.0 megapixel sensor, many beginner-friendly features to aid in getting great pictures, and a video mode that allows you to shoot video as well as stills. If you're looking to get the most from the features and functions that come with this dSLR, then this is the book for you! Written by a veteran author and experience photographer, this easy-to-understand guide shows you how to properly use all the capabilities of this new camera. Filled with page after page of full-color images, this book walks you through the features of the Canon EOS 7D and the software that accompanies it. Introduces you to the main features and functions of the new Canon EOS 7D Explains the on-board controls, shooting in auto mode, using live view and playback modes, and dialing in exposure and lighting controls Walks you through manipulating focus and color controls and handling situational shooting Addresses getting photos onto a PC for editing Prepare to take aim at maximizing all the features and functions that the Canon EOS 7D has to offer with this helpful book by your side!

David Busch's Canon Eos Rebel T3i/600D Guide to Digital Slr Photography

The perfect guide to get you up and running with your new Canon dSLR camera The Canon EOS Rebel T3/1100D is a popular dSLR camera for those moving up from point-and-shoot for the first time. This full-color guide explains all the buttons, dials, and menus,

helping you understand your camera and start using all its features. Plenty of colorful photos from the author's portfolio illustrate what you can achieve. The book covers shooting in auto mode, using the onboard controls, working with Live View, and managing exposure, focus, color, and lighting. It also addresses specific shooting situations, how to get your images from the camera to the computer, and tips on editing and sharing your photos. Canon's Rebel T3/1100D is a popular starter camera for those moving from point-and-shoot to SLR; this book helps dSLR newcomers understand and use all the controls Covers using all the dials, menus, and modes; working with Live View and playback; dialing in exposure and managing lighting; and shooting in auto mode Explains how to get the best images in various situations Addresses how to get images from the camera to the computer, editing techniques, and how to print photos or post them online Full-color photos from the author's collection show what you can achieve Anyone moving up to dSLR photography with the Canon T3/1100D will gain skill and confidence from this easy-to-follow guide.

Speedlitter's Handbook

Get up and running quickly with the new Jumpstarting ebook series from Make:. The super-small \$10 Raspberry Pi Zero W includes wireless LAN and Bluetooth connectivity and is 40% faster than the original Raspberry Pi.

Plate to Pixel

The Canon Digital Rebel XTi/400D is an ideal camera for first-time digital SLR users. Unfortunately if you don't know photography lingo you might find yourself never veering from your camera's default settings and into all the cool features that help you take outstanding photos. This book takes care of that problem. Canon EOS Digital Rebel XTi/400D For Dummies comes to the aid of new and inexperienced XTi/400D users by walking them through all the features of their camera. The book not only explains that camera's controls, but also demonstrates how each feature contributes to creating great photos. Illustrated with hundreds of full-color photos, this guide helps you get up-to-speed on the XTi/400D and in control of this popular camera.

The Beginner's Photography Guide

This book has one goal: to teach you how to make great shots using your Canon EOS 60D. Starting with the top ten things you need to know about the camera—charging your battery, setting your ISO, reviewing your photos, and more—photography pro Nicole Young then carefully guides you through the modes of the camera, offering practical advice on choosing your settings, expert shooting tips, and end-of-chapter “challenges” to get you up and running with your EOS 60D. This book is for anyone who wants to upgrade from a point-and-shoot, or who wants to jump right into photography with the control and capabilities of a powerful DSLR. Canon EOS 60D: From Snapshots to Great Shots shows not only what makes a great shot work—but how to get that shot using

your EOS 60D. Follow along with your friendly and knowledgeable guide, and you will: Learn the top ten things you need to know about shooting with the EOS 60D Use the EOS 60D's advanced camera settings to gain full control over the look and feel of your images Master the photographic basics of composition, focus, depth of field, and much more Learn all the best tricks and techniques for getting great action shots, landscapes, and portraits Find out how to get great shots in low light Learn the basics of shooting video with your EOS 60D and start making movies of your own Fully grasp all the concepts and techniques as you go, with challenges at the end of every chapter And once you've got the shot, show it off! Join the book's Flickr group, share your photos, and discuss how you use your EOS 60D to get great shots at <http://www.flickr.com/groups/canon60dfromsnapshotstogreatshots>.

Understanding Exposure

This book, by Alexander S. White, is a complete, clearly written guide to the operation of the Nikon Coolpix P900 digital camera. The book explains all shooting modes, menus, functions, and controls of this superzoom camera, accompanied by more than 350 full-color illustrations and sample photographs. The guide shows beginning and intermediate photographers how to use the camera's many options to get the results they want. The book explains topics such as autofocus, manual focus, HDR (High Dynamic Range) photography, ISO, memory cards, and flash modes. It includes a discussion of techniques for using

the P900's phenomenal zoom lens, with a maximum optical focal length of 2000mm, to full advantage. The book also discusses the camera's features for image transfer and remote control through the P900's built-in Wi-Fi network, as well as its features for adding location data to images. The book includes sample images taken with the creative settings of the camera, including the Picture Control options, which alter the color processing of images; the Scene and Special Effects shooting modes, with settings optimized for subjects such as landscapes, birds, pets, sunsets, and action shots; and the camera's features for burst shooting and time-lapse photography. In addition, the book provides introductions to topics such as infrared photography, street photography, and macro photography. The book also explains the video features of the P900, which can shoot HD video with stereo sound and can record high-speed video at rates up to 4 times normal speed. In addition, the book describes procedures for playing back images and videos in the camera and for using the Filter Effects option to add special effects to images after they have been captured. In three appendices, the book discusses accessories for the Coolpix P900, including cases, external flash units, and charging and power options. The appendices include a list of useful web sites and other resources, as well as a section with "quick tips" to help users take advantage of the camera's features in the most efficient ways possible.

Nikon D70 Digital Field Guide

Now that you've bought the amazing Canon EOS

Rebel T2i/550D, you need a book that goes beyond a tour of the camera's features to show you exactly how to use the Rebel to take great pictures. With *Canon EOS Rebel T2i/550D: From Snapshots to Great Shots*, you get the perfect blend of photography instruction and camera reference that will take your images to the next level! Beautifully illustrated with large, vibrant 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. Follow along with your friendly and knowledgeable guide, photographer and author Jeff Revell, and you will:

- Learn the top ten things you need to know about shooting with the Rebel
- Use the Rebel's automatic modes to get better shots right away
- Move on to the Creative zone, where you have full control over the look and feel of your images
- Master the photographic basics of composition, focus, depth of field, and much more
- Learn all the best tricks and techniques for getting great action shots, landscapes, and portraits
- Find out how to get great shots in low light
- Fully grasp all the concepts and techniques as you go, with assignments at the end of every chapter

With *Canon EOS Rebel T2i/550D: From Snapshots to Great Shots*, you'll learn not only what makes a great shot work—you'll learn how to get that shot using your Rebel. And once you've got the shot, show it off! Join the book's Flickr group, share your photos, and discuss how you use your Rebel to get great shots at flickr.com/groups/canonrebelt2i550dfromsnapshotstogreatshots.

Digital Photography For Dummies

This book constitutes the refereed proceedings of the 19th EPIA Conference on Artificial Intelligence, EPIA 2019, held in Funchal, Madeira, Portugal, in September 2019. The 119 revised full papers and 6 short papers presented were carefully reviewed and selected from a total of 252 submissions. The papers are organized in 18 tracks devoted to the following topics: AIEd - Artificial Intelligence in Education, AI4G - Artificial Intelligence for Games, AIoTA - Artificial Intelligence and IoT in Agriculture, AIL - Artificial Intelligence and Law, AIM - Artificial Intelligence in Medicine, AICPDES - Artificial Intelligence in Cyber-Physical and Distributed Embedded Systems, AIPES - Artificial Intelligence in Power and Energy Systems, AITS - Artificial Intelligence in Transportation Systems, ALEA - Artificial Life and Evolutionary Algorithms, AmIA - Ambient Intelligence and Affective Environments, BAAI - Business Applications of Artificial Intelligence, GAI- General AI, IROBOT - Intelligent Robotics, KDBI - Knowledge Discovery and Business Intelligence, KRR - Knowledge Representation and Reasoning, MASTA - Multi-Agent Systems: Theory and Applications, SSM - Social Simulation and Modelling, TeMA - Text Mining and Applications.

Canon EOS Digital Rebel XTi / 400D For Dummies

Creating mouth-watering food images requires more than just a love of food and access to a kitchen. With the popularity of food blogs and photography how-tos, it's tempting to think that anyone can photograph

food, but it's another thing entirely to shoot for a tight ad layout with the pressure of your client watching over your shoulder. Commercial food photographer Teri Campbell has been called a "lighting master," and in this beautifully illustrated book, he not only shares his detailed lighting set-ups and shooting techniques for a wide range of food and drink shots, but also offers candid advice on how to set up a studio, use the right equipment, market your work, find clients, bid on assignments, hire food and prop stylists, and communicate effectively with everyone on the set. Campbell shares his expertise on dozens of commercial assignments—from shooting beignets on location in New Orleans, to creating perfect ice tea pours, to photographing beans on real flames in his studio. Learn how he creates dynamic compositions, uses studio strobes, and arranges light diffusers, reflectors, fill cards, and mirrors, to create the perfect capture. Campbell also discusses his post-processing techniques in Adobe Camera Raw and Adobe Photoshop to create images that are irresistible. This guide for intermediate and advanced users provides the insider details to help you expand your photography skills or turn your passion for food and images into a professional career.

Nikon D90 For Dummies

Everything you need to know to take amazing photographs using your new DSLR The Nikon D5300 Digital Field Guide is filled with everything you need to know to take fantastic photos with your new Nikon. In full color, this portable guide covers all of the

essential controls, features, and functions of the Nikon D5300, using step-by-step instructions and providing full-color images of each menu screen. Nikon users will love this comprehensive field guide—it's just the right size to fit into a camera bag, so you'll be able to take it wherever your photography adventures take you. The guide goes beyond camera settings, offering you a refresher course in digital photography principles, and covering the essentials of lighting, composition, and exposure. This perfectly sized field guide features: Compact size, allowing photographers to carry it wherever they go Professional advice on everything from composing a variety of shots to choosing lenses Colorful example images, along with detailed instructions on how to get the most from each of the camera's features Filled with amazing examples, this handy guide offers a variety of tips and tricks. You'll learn how to capture portraits, take character-filled candid shots, frame sports action, document travel, work with macro photography, and much more!

100% Reliable Flash Photography

A must-have, full-color guide to the Nikon D7100 The Nikon D7100 is an ideal camera for beginning photographers who may lack structured photography training but are still eager and determined to take great photos. And that's where this fun-and-friendly guide comes in handy! Packed with more than 300 full-color photos, this introductory guide begins by helping you get a feel for the camera, get comfortable shooting in auto mode, managing playback options,

and handle basic troubleshooting strategies. Veteran author Julie Adair King walks you through the D7100's features and encourages you to take creative control so that you can start capturing stunning pictures immediately. Packs in more than 300 full-color photos that exemplify the basic photo skills needed to get great shots Shares a wealth of information from one of the most popular digital photography authors Walks you through adjusting manual settings to get better results from exposure, lighting, focus, and color Contains an entire chapter on video mode Explains how to send images to a computer for organizing, editing, and sharing Nikon D7100 For Dummies helps you get a grasp on your camera's controls so you can start taking memorable photos today!

Molecular Tools for the Detection and Quantification of Toxigenic Cyanobacteria

Congratulations! You have one of the most versatile, feature-rich digital SLRs on the market, and this full-color guide helps you make the most of it. Learn how to set up your Nikon D70 or D70s and adjust it for every subject and circumstance. Get professional advice on choosing lenses, composing more than twenty-five types of shots, even downloading and displaying your photos. Wherever your imagination takes you, take this book along. Use the Quick Tour to get the feel of your camera right away Shift easily between semi-automatic and manual modes Work with flash and available lighting to achieve different effects Explore special lenses like macro, vibration

reduction, and teleconverters Discover the secrets of perfect action, business, portrait, or nature photography Make downloading and editing problem-free

Canon EOS 70D For Dummies

Learn how to take professional-quality photographs using the same tricks today's top photographers use (surprisingly, it's easier than you'd think)!

This is a completely, totally updated version of the #1 best-selling digital photography book of all time! It's the award winning, worldwide smash hit, written by Scott Kelby, that's been translated into dozens of different languages.

Here's how Scott describes this book's brilliant premise: "If you and I were out on a shoot, and you asked me, 'Hey, how do I get this flower to be in focus, with the background out of focus?', I wouldn't stand there and give you a photography lecture. In real life, I'd just say, 'Put on your zoom lens, set your f-stop to f/2.8, focus on the flower, and fire away.' That's what this book is all about: you and I out shooting where I answer questions, give you advice, and share the secrets I've learned just like I would with a friend—without all the technical explanations and techie photo speak."

This isn't a book of theory—full of confusing jargon and detailed concepts. This is a book on which button

to push, which setting to use, and when to use it. With over 200 of the most closely guarded photographic “tricks of the trade,” this book gets you shooting dramatically better-looking, sharper, more colorful, more professional-looking photos every time.

Each page covers a single concept that makes your photography better. Every time you turn the page, you’ll learn another pro setting, tool, or trick to transform your work from snapshots into gallery prints. If you’re tired of taking shots that look “okay,” and if you’re tired of looking in photography magazines and thinking, “Why don’t my shots look like that?” then this is the book for you.

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Chapter 7: Shooting Weddings Like a Pro

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Chapter 9: Shooting Other Stuff Like a Pro

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Chapter 11: How to Print Like a Pro

Chapter 12: Photo Recipes to Help You Get the Shot

The Digital Photography Book

What’s your definition of a photo studio? Is it a room

with a white seamless backdrop or a cyc wall? Maybe it's simply anywhere you're in control of the lighting. In a perfect world, where every day is a breezy 72 degrees with partial cloud coverage, we would all have a 5,000-square-foot studio—and the entire catalog of B&H™ in our equipment lockups. But the reality is that you may have an outdated DSLR with two decent lenses (which took you several years to save up for), and all you have at your disposal is an unfinished basement, your garage, or the empty conference room at your office. That's where Studio Anywhere comes in. With photographer Nick Fancher as your guide, you'll learn how to get portfolio-ready photos while working in some of the most problematic scenarios imaginable. Whether shooting a corporate portrait, a test shoot with a model, or a promo shoot with a band, you'll discover that most of the time, there's no need for an expensive studio—you just have to get creative. Studio Anywhere is a resource for photographers to learn through behind-the-scenes photos and lighting diagrams from a range of photo shoots—but it doesn't stop there. Because directing a photo shoot involves more than simply knowing how to wield a camera or process a raw file, Nick also lets you in on the aesthetic decisions he makes in his signature photos, inspiring you to develop your own vision. And, finally, he describes his Lightroom and Photoshop workflow so you can learn how to deftly navigate post-processing. Shows how to create images with minimal equipment that is within reach of anyone's budget Takes you through the entire shoot, from concept to lighting to exposure to post-processing in Lightroom and Photoshop Teaches how to build a portfolio without a dedicated studio space

Dental Photography

The Canon Rebel EOS T3i/600D is a powerful camera packed with new features. Covering every button, menu, and setting on your new Canon EOS Rebel T3i, the Canon Rebel EOS T3i/600DDigital Field Guide can help you to achieve the most with your new camera.

Chapter 1: Setting Up the EOS Rebel T3i/600D- This chapter identifies every button, dial, and indicator on your camera and walks you through setting up your Canon T3i for immediate use. Chapter 2: Controlling Exposure and Focus: This chapter teaches you how each of your camera's modes functions, from fully automatic to the daunting manual mode. It also covers how to adjust key exposure settings such as ISO, shutter speed, and aperture. Chapter 3: Getting Great Color and Adding Creative Effects- Within this chapter, you'll discover how properly adjust white balance, change color space, or apply creative filter effects in camera. Chapter 4: Customizing the EOS Rebel T3i/600D- This section will teach you to personalize your camera by customizing key features such as exposure or autofocus to fit your personal preferences. Chapter 5: Shooting with a Live View on the LCD- This chapter covers how to set up, work, and shoot in live view. Chapter 6: Using Movie Mode- Chapter 6 covers how to get the most of your movie mode by knowing some of the basics like recording and playing back your videos. Chapter 7: Working with Flash- This chapter explores your flash options from shooting with the built-in flash, modifying flash exposure, shooting with a speedlite, or using a wireless flash, and much more. Chapter 8: Exploring

Lenses and Accessories- Chapter 8 offers key advice on choosing the best lenses and accessories for your Canon T3i, including recommendations for a variety of budgets and skill-levels. Chapter 9: The Elements of Exposure and Composition- This chapter gives a primer on the fundamentals of exposure and composition to help you take the best possible photos now that you know how to make all necessary adjustments to your camera settings. Appendix- How to Use the Gray Card and Color Checker- A bonus gray card and color checker are provided to help you get the color right on every shot. This appendix teaches you how to make the most of this great add-on. The Canon Rebel EOS T3i/600DDigital Field Guide is a friendly, efficient, clearly-illustrated guide that will enable you to confidently capture beautiful images with your new Canon EOS Rebel T3i.

Canon EOS Rebel T2i / 550D

The Beginner's Photography Guide, 2nd Edition is DK's bestselling manual for any novice photographer who wants to unlock the potential of their new digital camera. Assuming no prior knowledge, this guide's easy-to-follow, step-by-step layout makes it accessible as it takes you through every technique you need to create stunning images, from exposure to flash to image enhancement. Handy checklists provide a quick rundown of the equipment and camera settings for each technique, and at-a-glance comparison images show how camera settings can produce remarkably different results. Hundreds of inspirational images provide even more motivation to

reach your goal. Fully updated to reflect all the latest developments in technology and creative trends in digital image-making, *The Beginner's Photography Guide, 2nd Edition* will empower you to achieve your full potential as a digital photographer.

Measuring Roots

This manual is a basic introduction and guide to using a DSLR camera to make variable star observations.

Nikon D5300 Digital Field Guide

Roots represent half of the plant body – and arguably the more interesting half. Despite its obvious importance for the whole plant, until recently our knowledge of the root apparatus was very limited, mostly due to the inadequacy of the techniques available. Recent advances in the visualization and measurement of roots have resulted in significant progress in our understanding of root architecture, growth and behaviour. In this book international experts highlight the most advanced techniques, both lab and field methods, and discuss them in detail. *Measuring Roots* combines academic and practical aspects of this topic, making it a universal handbook for all researchers and others interested in root-measuring methods.

Food Photography & Lighting

Photographer and author, Ed Verosky, covers a variety of topics and techniques designed to help

photographers consistently create high-quality images with minimal gear. Included are plenty of shooting strategies, diagrammed techniques, and examples which will make getting great photos much easier and more enjoyable. 100% Reliable Flash Photography provides pro and semi-pro photographers with a fast, no-nonsense guide for getting amazing light in any situation. Gain the skill and confidence you need to create great images with the most basic and available lighting sources. The strategies detailed in the book are designed to completely eliminate the stress of not being sure of what to do in a new or fast-moving environment. That makes it a perfect read for wedding, event, editorial, and portrait photographers. 100% Reliable Flash Photography centers on a strategy of standardization. The first part of the book covers relevant lighting and gear knowledge mostly focusing on how to do some really good work with a simple on-camera flash, or even basic household lighting. There are also off-camera flash techniques including detailed instructions for a basic two-light manual setup that serves as Verosky's typical gear for editorial work. This leads into the core chapter, Standardization, which is about making your gear easier to use and eventually master. The book continues with techniques, examples and diagrams for indoor and outdoor lighting, then several "backstories" quickly detailing shoots with several of the portrait subjects featured in the book.

The Canon Camera Hackers Manual

Now that you've bought the amazing Canon EOS Rebel T3i/600D, you need a book that goes beyond a tour of the camera's features to show you exactly how to use the Rebel to take great pictures. With *Canon EOS Rebel T3i/600D: From Snapshots to Great Shots*, you get the perfect blend of photography instruction and camera reference that will take your images to the next level! Beautifully illustrated with large, vibrant 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. Follow along with your friendly and knowledgeable guide, photographer and author Jeff Revell, and you will:

- Learn the top ten things you need to know about shooting with the Rebel
- Use the Rebel's automatic modes to get better shots right away
- Move on to the Creative zone, where you have full control over the look and feel of your images
- Master the photographic basics of composition, focus, depth of field, and much more
- Learn all the best tricks and techniques for getting great action shots, landscapes, and portraits
- Find out how to get great shots in low light
- Fully grasp all the concepts and techniques as you go, with assignments at the end of every chapter

With *Canon EOS Rebel T3i/600D: From Snapshots to Great Shots*, you'll learn not only what makes a great shot work—you'll learn how to get that shot using your Rebel. And once you've got the shot, show it off! Join the book's Flickr group, share your photos, and discuss how you use your Rebel to get great shots at flickr.com/groups/canonrebelt3i600dfromsnapshotstogreatshots.

The Canon Camera Book

Start getting great photos with your Canon EOS 70D right away The Canon EOS 70D features upgraded focusing technology, a 20.2 megapixel sensor, and faster frame-per-second shooting. Whether you're new to dSLR photography or just getting acquainted with the 70D, this handy, full-color guide will have you taking great photos before you know it. You'll learn to use all the on-board controls, shoot in auto mode, use live view, control exposure and lighting, manipulate focus and color, transfer your images to the computer for editing, and share the results in prints or online. Colorful photos throughout illustrate what you can achieve. Upgraded features in the Canon EOS 70D include a new focusing technology that speeds up autofocus for video and live view shooting, a larger sensor, faster frame-by-frame shooting, and a wider ISO range This full-color guide explains how to take advantage of all the features; walks you through all the on-board controls, and shows how to shoot in auto mode Covers dSLR basics such as dialing in exposure and lighting controls, manipulating focus and color, and transferring your images from the camera to the computer Offers advice for shooting in various common situations and explains how to post your photos online, make prints, or share them in other ways Canon EOS 70D For Dummies makes it easy to get terrific photos with your Canon dSLR camera.

Canon EOS Rebel T1i / 500D For Dummies

Canon EOS Rebel T3i / 600D For Dummies

With the continued application of gaming for training and education, which has seen exponential growth over the past two decades, this book offers an insightful introduction to the current developments and applications of game technologies within educational settings, with cutting-edge academic research and industry insights, providing a greater understanding into current and future developments and advances within this field. Following on from the success of the first volume in 2011, researchers from around the world presents up-to-date research on a broad range of new and emerging topics such as serious games and emotion, games for music education and games for medical training, to gamification, bespoke serious games, and adaptation of commercial off-the shelf games for education and narrative design, giving readers a thorough understanding of the advances and current issues facing developers and designers regarding games for training and education. This second volume of Serious Games and Edutainment Applications offers further insights for researchers, designers and educators who are interested in using serious games for training and educational purposes, and gives game developers with detailed information on current topics and developments within this growing area.

Canon EOS 60D

Now refreshed with current technologies and terms,

and more than 25 percent new images and an all-new chapter, this bestselling guide shows readers how to shoot great photographs with any type of camera.

Nikon D5100 For Dummies

The Nikon D3300 is a powerful new camera intended for amateurs who want to jump into photography with the control and capabilities of a DSLR. This camera is considered an entry-level DSLR and replaces the Nikon D3200. While the camera manual explains what the camera can do, it doesn't show exactly how to use the camera to create great images! That's where *Nikon D3300: From Snapshots to Great Shots* comes in. Starting with the top ten things users need to know about the camera, author Rob Sylvan carefully guides readers through the operating features. Readers get practical advice from a pro on which settings to use when, great shooting tips, and end of chapter assignments. *From Snapshots to Great Shots* is a beautiful how-to photography series that provides the perfect blend of instruction, inspiration, and reference for specific camera models and photography concepts. Featuring a clear, elegant design; outstanding images that educate and inspire; and a friendly, accessible voice, this series helps photographers get great shots every time they pick up their camera.

Nikon D3300

Getting your Canon Speedlite to produce the light you need can be a real challenge. For those new to flash

photography—or for anyone who has previously given up out of frustration—Speedliter’s Handbook is a revelation. Photographer Syl Arena takes you on a journey that begins with an exploration of light and color, moves through a comprehensive discussion of the Canon Speedlite family and all of the accessories and equipment available to the Speedliter, then settles down to crafting great light in one photo shoot after another. Whether you want to create a classical portrait, shoot an event, or simply add a little fill light to a product shot, Speedliter’s Handbook shows you how. A fantastic in-depth resource illustrated with over 500 images, Speedliter’s Handbook covers: how to see the various characteristics and properties of light itself, as well as the differences between how your camera sees versus how you see all the buttons and dials of the entire Canon Speedlite family the basics of on-camera flash...and the necessity of getting your flash off the camera how to beautifully balance flash with the existing ambient light all the equipment necessary for great Speedlite shots how to get amazing shots with just one Speedlite how and when to use E-TTL versus manual flash the use of color gels to balance color, as well as create dramatic effects how to tame the sun—or any really bright light—with hi-speed sync and much, much more Whether you’re shooting portraits, events, or sports, Speedliter’s Handbook is an essential resource that teaches you how to craft the light you need for any type of shot you want.

Progress in Artificial Intelligence

A comprehensive guide to the Canon EOS Rebel T5i/700D camera written by bestselling For Dummies author Julie Adair King Expert author and photography instructor Julie Adair King is exactly who you want to explain Canon's hot new Rebel T5i/700D camera for you. Her friendly, step-by-step style - honed to a fine point from helping over 300,000 readers use their cameras - will have you snapping great shots on the new Rebel in no time. Find all the info you need, backed by clear images of camera controls and menus, so you know exactly what she's explaining, when she's explaining it. More than 300 fabulous full-color photos help you see what you and your DSLR Rebel T5i/700D can achieve. Canon's EOS Rebel T5i/700D is an entry-level DSLR camera from Canon and features an 18 megapixel sensor, full 1080 video capability, 5fps shooting, and a 3-inch viewscreen Covers how to shoot in Auto mode, manage playback, organize your images, and get better results from exposure, lighting, focus and color Gives you professional editing tricks and offers plenty of beautiful full-color images so you can see what you can achieve Popular bestselling author Julie Adair King author has written more than 15 For Dummies books on Nikon and Canon cameras, and she helps you really get a feel for the camera Canon EOS Rebel T5i/700D For Dummies there's so much here to get you on your way to taking great photos!

Canon EOS Rebel T5i/700D For Dummies

A guide to state-of-the-art molecular tools for monitoring and managing the toxigenicity of

cyanobacteria Runaway eutrophication and climate change has made the monitoring and management of toxigenic organisms in the world's bodies of water more urgent than ever. In order to influence public policy regarding the detection and quantification of those organisms, it is incumbent upon scientists to raise the awareness of policy makers concerning the increased occurrence of toxigenic cyanobacteria and the threats they pose. As molecular methods can handle many samples in short time and help identify toxigenic organisms, they are reliable, cost-effective tools available for tracking toxigenic cyanobacteria worldwide. This volume arms scientists with the tools they need to track toxigenicity in surface waters and food supplies and, hopefully, to develop new techniques for managing the spread of toxic cyanobacteria. This handbook offers the first comprehensive treatment of molecular tools for monitoring toxigenic cyanobacteria. Growing out of the findings of the landmark European Cooperation in Science and Technology Cyanobacteria project (CYANOCOST), it provides detailed, practical coverage of the full array of available molecular tools and protocols, from water sampling, nucleic acid extraction, and downstream analysis—including PCR and qPCR based methods—to genotyping (DGGE), diagnostic microarrays, and community characterization using next-gen sequencing techniques. Offers an overview of the latest trends in the field, while providing a foundation for understanding and applying the tools and techniques described Provides detailed coverage of the full range of molecular tools currently available, with expert guidance on the analysis and interpretation of results

Includes step-by-step guidance on standard operational procedures, including molecular tests used in environmental monitoring, with individual chapters devoted to each procedure. Complements the published Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis from the CyanoCOST project. This handbook is an indispensable working resource for scientists, lab technicians, and water management professionals and an excellent text/reference for graduate students and supervisors who use molecular tools. It will also be of great value to environmental health and protection officials and policy makers.

Canon EOS 60D For Dummies

Presents an introduction to the features of the Canon EOS Rebel T3i/600D, covering such topics as autofocus, shutter speed, flash capability, prevention tips, and the basics of good photography.

Nikon D7100 For Dummies

Taking the Enlightenment and the feminist tradition to which it gave rise as its historical and philosophical coordinates, *Feminism and the Politics of Travel After the Enlightenment* explores the coincidence of feminist vindications and travel in the late eighteenth and nineteenth centuries, the way travel's utopian dimension and feminism's utopian ideals have intermittently fed off each other in productive ways. Travel's gender politics is analyzed in the works of J.-J. Rousseau, Mary Wollstonecraft, Stéphanie-Félicité de Genlis, Germaine de Staël, Frances Burney, Flora

Tristan, Suzanne Voilquin, Gustave Flaubert George Sand, Robyn Davidson, and Sara Wheeler.

Studio Anywhere

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!

Canon EOS Rebel T3i / 600D Digital Field Guide

Serious Games and Edutainment Applications

Canon EOS Digital Rebel XSi/450D For Dummies

A full-color guide to Canon's exciting new dSLR camera Whether it's your first dSLR, your first Canon camera, or simply a new tool for your photography, your Canon Rebel T3i/600D has countless capabilities and you'll want to understand them all. This book covers all the dials, menus, and controls, showing you how to use each one. It explains how to change and use various lenses and offers advice on exposure, focus, printing, using flash, sharing photos online, and much more, all with plenty of full-color examples to show what you can achieve. Canon's popular T3i/600D offers a vast array of options for the new dSLR photographer; this book guides you through all the settings, dials, and menus. Explains how to use Live View mode and record, edit, and playback video. Provides tips and advice on working with exposure, manipulating focus and color, switching from auto to manual controls, and using lighting creatively. Shows how to get photos from the camera to the computer, then edit and manage them using different software packages. Illustrated with full-color photos from the author, showing what you can achieve. This fun and

friendly book helps you to quickly and confidently take advantage of the many creative possibilities offered by your new Canon camera.

Photographer's Guide to the Nikon Coolpix P900

The Canon Camera Hackers Manual addresses "geeky" owners of Canon consumer cameras, such as the Powershot and IXUS, who would like to explore the possibilities of their cameras and tweak them to do things that go well beyond the camera's original specifications. --

Canon EOS Rebel T3i / 600D

If you're as excited as we are about the Rebel XSi/450D, you probably can't wait to start shooting. Canon EOS Digital Rebel XSi/450D For Dummies will show you how to make every shot count! Even if you're new to digital SLR cameras or are unfamiliar with general photography terms and techniques, this handy guide will show you how to feel comfortable with the controls and start taking beautiful photographs. Don't worry if you've never heard the words aperture, white balance, or ISO. You'll soon be switching easily between automatic and manual modes, managing exposure, and using the all-important Quality setting! You'll learn everything about the lenses, from how to choose the ones you need to how to handle them. You'll finally know how to push just the right buttons to achieve the results that you desire. In a snap, you will find out how to

unleash your creativity by manipulating exposure and lighting. You will find out how to: Control picture quality Adjust resolution for image quality and size Shoot in automatic and manual modes Review photos using Playback Mode and the histogram, delete unwanted photos, and protect valuable photos from accidental deletion Manipulate exposure, color, focus, and lighting Download, organize, archive, print, and share photos with family and friends Complete with lists of ten fast photo-editing tricks and ten special-purpose features to explore on a rainy day, Canon EOS Digital Rebel XSi/450D For Dummies is your one-stop guide to setting up, working with, and making the most of your new Canon digital SLR camera.

Feminism and the Politics of Travel After the Enlightenment

A full-color guide to all the bells and whistles in your new Canon 60D If you own a Canon 60D, you've got a camera for advanced amateurs and one that's very close to professional-level equipment. Now it's time to make sure you get the very most out of all that power. Julie Adair King teams up with Robert Correll to help digital camera users catch their skills up to what their cameras have to offer in this fun but thorough guide. Understand all your camera's features, move beyond the security blanket of Auto mode, and start capturing the pictures you've dreamed of. Gives you the full picture on Canon's EOS 60D dSLR camera, in the friendly, easy-to-follow, For Dummies style Helps you explore the 18-megapixel sensor, full HD video recording, a tilt-view LCD, and expanded in-camera

editing tools and filters Teaches you tricks and techniques, with over 300 example photos and menu captures in full color Reveals how to adjust settings for optimal exposure, lighting, focus, and color Gives you ten top tips on photo editing The Canon 60D dSLR camera, the expertise of Julie Adair King and Robert Correll, and your own, untapped ability?all you need now is the book! Canon EOS 60D For Dummies.

Canon EOS Rebel T3/1100D For Dummies

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 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

Online Library Canon 600d Manual Sensor Clean

with this fun and friendly guide!

Canon EOS 7D For Dummies

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