

The Photographers Guide To Drones

From the tiniest ladybug to a towering glacier, from a horse running in a field to a leaf falling slowly from a tree, nature subjects offer some of the greatest challenges and the greatest rewards to photographers. In the BetterPhoto tradition, hereand's a complete photo course in a book. Hands-on lessons cover every aspect of digital nature photography, from buying the right camera for close-ups, landscapes, and movement, to understanding how the camera works, to taking great pictures. Author Jim Miotke uses straightforward text and inspiring yet informative photos to show the best ways to approach nature photography. Everything a beginner or intermediate photographer needs to know is here, including a buyerand's guide, full information on camera features, file formats and settings, exposure, low-light photography, filters and white balance, composition and lens choice, creative ideas, manipulating, and printing, along with a glossary and list of useful websites. The Better Photo Guide to Digital Nature Photography helps photographers everywhere get great photos in the great outdoors.

The Panasonic Lumix DMC-LX7 has earned a reputation as one of the first choices for photographers who want an advanced camera they can carry around with them 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 capabilities, this compact camera has attracted an enthusiastic following in the photography community. However, the camera does not come with a detailed printed manual for reference, making it difficult 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 LX7, 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 not only about how to accomplish things with the LX7, but when and why to use the camera's many controls, menus 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 compensation, white balance, and ISO sensitivity. The book also provides details about the camera's numerous menu options for playback, setup, and customizing the operation of the various buttons and other controls. The book contains more than 400 photographs, almost all in full color, which illustrate the LX7's controls, shooting screens, and menus. The photographs 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 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 provides introductions to more advanced topics such as infrared photography, street photography, astrophotography, and macro photography. The book also includes a full discussion of the video recording abilities of the LX7, 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 available for the camera, including cases, external flash units, and filter adapters, and includes a list of web sites and other resources for further information. Also, the book includes a detailed appendix with helpful "quick tips" that give particular insights into how to take advantage of the camera's features in the most efficient ways possible.

What is inside this book? Intro to Using Drones for Conservation New Technologies and Remote Communities Logbook Keeping and Mission Planning . Best Ways to Back Up Your Aerial Footage and Stills Understanding the Basics of Infrared Cameras Case Studies from Yale, Harvard, National Geographic and more. Foreword by Thomas E. Lovejoy, Ph.D., Professor of Environmental Science and Policy at George Mason University, and National Geographic Conservation Fellow "Drones for conservation is essentially just in its infancy, but while we can lament the possible consequent avoidance of a good slog of a field study, we can already see multiple benefits falling from the skies as it were.../... So Drones for Conservation is very much a first. With actual examples from around the world, it also has very practical sections on how to use drones effectively - as usual there is never a substitute for carefully thinking out a project in advance." Thomas E. Lovejoy, Ph.D., National Geographic Conservation Fellow. www.dronesforconservation.org"

"Photogrammetry with unmanned aerial vehicles (UAVs or drones) is a rapidly maturing technology. Being versatile and inexpensive, it has the potential to offer solutions in a wide range of applications, such as forestry inventory, precision agriculture, flood hazard assessment, pollution monitoring, land survey, and integrity assessment of industrial facilities. Written in the form of a field guide, this book explains, in easy-to-understand language, basic concepts of photogrammetry and spatial data, and techniques for mosaicking drone photos. The book is not intended as a complete "do-it-yourself" guide, but after reading it, you get a good sense about what hardware and software parts you will need to assemble a drone system on your own. Or if you have the funds, simply purchase a commercial product and follow the steps laid out in the book to design your application. Towards that end, you will find the survey of industrial leaders of environmental drone applications particularly useful. The author of the book, Kike Calvo, is an experienced National Geographic Creative photographer. The explanation of technical jargons is based on his own experience and interviews with his colleagues. Some of the questions and answers are included in the book.

These are questions you probably would have and Calvo has already got expert answers for you. I find this style of writing quite effective, injecting liveness into what otherwise could be dry reading. UAV photogrammetry is not just about obtaining pretty pictures. To realize its potential you must "georeference" the pictures, produce an "orthomosaic," and make "3D point clouds." Read the book to find out what all these mean, and much more." Foreword by Xuhui Lee. Sara Shallenberger Brown Professor, Yale University. Editor-in-Chief, Agricultural and Forest Meteorol

This book is a complete guide to the operation, menus, controls, and features of the Panasonic Lumix DMC-FZ2500 digital camera, known as the FZ2000 in areas outside of the United States. The book provides, detailed, clearly illustrated guidance on all aspects of the camera's use.

Photographer's Guide to the Panasonic Lumix LX3: Getting the Most from Panasonic's Versatile Digital Camera is a follow-up to the author's well-received guide to a very similar camera, the Leica D-Lux 4. This new guidebook covers all features and operations of the LX3, one of the most highly esteemed compact digital cameras of recent years. In 232 pages, with numerous color photographs and illustrations, the book explains in plain language how to achieve the best possible results taking pictures with the automatic or manual controls of the LX3. Although much of the information in this book is similar to that in the earlier book about the Leica D-Lux 4 camera, this new volume is updated to include several new features that were added to both cameras when their internal firmware (operating system) was upgraded to version 2.0. These new features include white balance bracketing, 1:1 aspect ratio, lens resume, and several others. Therefore, the book will be useful to users of the latest versions of both the Panasonic Lumix LX3 and the Leica D-Lux 4.

Written by successful freelance photographers, this classic trade reference tool provides photographers with a wealth of time-tested information on everything from estimating prices, identifying pricing factors, and negotiating fair deals. Topics discussed include practical information on the economics of photography, cutting-edge negotiation techniques, pricing guidance for photography buyers, how to structure prices to fit any type of market and usage, how to define prices in a way that guarantees long-term profitability, and the specifics of pricing electronic media. A must-have addition to every photographer's bookshelf.

The ultimate collection of drone photography from around the world, sourced from the world's leading drone photography website

Featuring award-winning and beautiful aerial photography, this exciting book explains everything photographers need to know about drones and quadcopters in order to take their photography to new levels literally. --

Inexpensive consumer drones that offer ease of flight and high-quality photography and videography have exploded on the market recently, creating what can only be described as drone mania amongst a diverse range of potential users. Because camera-carrying drones still really only exist on the edge between hobby and the mainstream, there is still a lot of confusion about what these small drones are capable of doing. The decision to purchase one is just the

first in a long stream of things a new owner must think about. *Aerial Photography and Videography Using Drones* is designed to help you make the most of the opportunities these nimble, affordable, and accessible flying machines have created for aerial photography and videography. Within this definitive guide, you'll learn about the following: • the current state of camera drone equipment • how to become a competent drone operator • tips for getting the best aerial still images and videos • stories from aerial photographers and videographers from around the world • the current regulatory state for drone usage in the U.S. • techniques demonstrated in several videos you can download from peachpit.com, along with pre-flight checklists and worksheets for flight training.

Today's camera drones provide a unique ability for photographers to capture low altitude aerial perspectives that may never have been seen before. That's because, until now, the view of our earth from under 400 feet was just not possible given traditional aerial photography with manned aircraft. This book will help new drone pilots understand how to take full advantage of today's modern drone camera systems. It will also help existing drone pilots, without a photography background, learn the skills they need to compete in a rapidly growing industry. This is a 3-volume set of oversize books that span the continent of Asia. Ancient and beautiful traditions in Asia that are rapidly disappearing are recorded here in 9,000 images on 1,000 pages. The author has visited 35 countries in Asia and has travelled to the end of the road in its most remote places to capture the costumes, architecture, festivals, and lifestyles that are vanishing. The diverse cultures range from Turkey in the west to Japan in the east, from Siberia in the north to Indonesia in the south, and everything in between. Volume 1 covers West Asia, Volume 2 Central Asia, and Volume 3 East Asia. Every one of its 1,000 pages is uniquely designed, and every one of its 9,000 images is captioned. This is an ambitious and extreme passion project that the author/photographer has worked on for 49 years. Many of the scenes depicted in the book are now gone from the world, and others are becoming rarer by the day. There is no other book like it.

From his early days working out of his dorm room and shooting on film to becoming a Nikon ambassador and official photographer of the historic Dawn Wall ascent, Corey Rich has been capturing iconic shots of adventure superstars for more than two decades. Now Corey tells how he got some of his favorite images of climbers, adventurers, skiers, performance artists, and more. He shares insights into the business of photography, photography tips, outdoor lessons, and what he has learned about human nature along the way. Featured outdoor athletes include: Tommy Caldwell Project Bandaloop Beth Rodden Lynn Hill Ashima Shiraishi Kelly Slater Bear Grylls Alex Honnold Fred Beckey and many more

The fast and easy way to pick out, set up, and learn to fly your drone Ready to soar into the world of unmanned aircraft? *Drones For Dummies* introduces you to the fascinating world of UAVs. Written in plain English and brimming with friendly instruction, *Drones For Dummies* provides you with the information you need to find and purchase the right drone for your needs, examples of ways to use a drone, and even drone etiquette and the laws and regulations governing consumer drone usage. Plus, you'll discover the basics of flight, including how to use a drone to capture photos and video. Originally designed to assist in military and special operations applications, the use of drones has expanded into the public service sector and the consumer market for people looking to have a good time flying an aircraft remotely. *Drones For Dummies* covers everything you need to know to have fun with your UAV, and is packed with cool ways to expand your drone's use beyond simply flying. Pick the perfect drone to suit your needs Properly set up and fly a drone Use a drone to capture images and footage with a camera Tips for maintaining your drone If you're interested in the exciting new technology of unmanned aircraft vehicles, *Drones For Dummies* helps you take flight.

David Busch's Sony Alpha a7C Guide to Digital Photography is the most comprehensive resource and reference for Sony's ultra-compact 24-megapixel full frame mirrorless camera.

Read Free The Photographers Guide To Drones

The a7C packs large sensor image quality and low light performance into the world's smallest full-frame camera with in-body five-axis image stabilization. The perfect companion for travel photography under the most demanding conditions, it's also fast enough for 10 frames-per-second action photography bursts, and delivers the resolution the most demanding landscape or fine-art photographer require.

With fast, sensor-based 693-point phase detect autofocus (with real-time face and eye tracking), and 4K and full HD video capabilities, the a7C has all the tools needed to take incredible still images and capture compelling movies and video blogs. This book will show you how to master those features as you explore the world of digital photography and hone your creativity with your a7C.

Filled with detailed how-to steps and full-color illustrations, *David Busch's Sony Alpha a7C Guide to Digital Photography* covers every feature of this camera 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 camera "roadmap" chapter, an easy-to-use visual guide to the camera's features and controls. Learn when to use every option and, more importantly, when not to use them, by following the author's recommended settings for each 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 exploring full frame photography for the first time, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Sony a7C.

Drones offer the photographer new creative horizons, but how do you get started? This practical book shows you the way. The first section deals with drone flying, while the second guides you through the complexities of aerial photography. Together with practical insights, case studies and professional shots, it illustrates how to take stunning photos from incredible - and hitherto unreachable - angles and heights. Topics covered include: getting airborne and how to choose a drone and fly it safely and legally and developing your skills to capture stunning aerial shots - focusing on composition and lighting. A step-by-step case study of capturing the iconic Spinnaker Tower in Portsmouth harbour is featured.

Photographing interiors is not as easy as you might think, and it takes a lot of practice to produce consistently strong, high-impact compositions for your clients. Still, there is money to be made in this field, and whether you're looking to work as a full-time real estate photographer or develop a side-line business, you'll need to arm yourself to produce client-pleasing photographs. In this book, Ron Castle introduces you to the skills you need to succeed in real estate photography. You'll gain insight into some basics of the business, and you'll learn what kind of equipment you'll need to do the job. You'll also learn what and what NOT to photograph, work to produce strong compositions, and find suggestions for an efficient and effective post-processing workflow. The later chapters will consist of several sample home shoots. These images and their captions will provide helpful suggestions and perspectives on what a typical "real-world" real estate shoot entails.

If you think you need a boarding pass to fly, you're really missing out! Today, drones are everywhere. From film studios to farms, they're in the hands of photographers, commercial surveyors, and racers alike. This fully illustrated book explains how drones developed, where they're going, and which one you should choose. It even includes complete instructions to build both a simple drone and a super-fast FPV racer yourself.

Whether you're flying indoors or out, buying or building, this book covers everything: Understand the Jargon: Flying has a lot of unfamiliar terminology, but this book will make it easy to master. Business or Pleasure: Every type of multicopter you might want is introduced, including explanations of which is best suited for what role. Get the Best Pictures: This edition includes an extended guide to the tech and composition tricks you can use to make your pictures stand out of the pack. Get the Best Video: A new shot-guide shows you how to get the most engaging aerial video, whatever your drone. Be an FPV Racer: There are complete step-by-step instructions for building your own FPV racer, or a surprisingly cheap wooden drone – both great projects. This is an Extended Second Edition. Following from the worldwide success of the first edition, which has been translated into numerous languages, this edition is not just fully updated to keep pace with the laws and the technology (including gesture controls), it is also new enough to thoroughly cover the fast-growing new sport of FPV drone racing, while still including a comprehensive guide to learning to fly any drone.

In *Mastering Bird Photography: The Art, Craft, and Technique of Photographing Birds and Their Behavior*, acclaimed bird photographer and author Marie Read shares techniques and stories behind her compelling images, offering fresh insights into making successful bird photographs, whether you're out in the field or in the comfort of your own backyard.

In this richly illustrated book, you'll learn how to be in the right place at the right time and how to obtain tack sharp portraits. Marie then teaches you to take your skills to the next level in order to capture action shots, illustrate birds in their habitats, and portray birds in evocative and artistic ways.

Building on basic technical topics such as camera choice, lens choice, and camera settings, Marie reveals how fieldcraft, compositional decisions, and knowledge of bird behavior contribute greatly to a successful bird photograph. Captions for the over 400 images contained in the book provide details on the equipment used, as well as camera settings. Throughout the book, bird behavior insights provide bird photographers of all skill levels a wealth of essential insider information that will help you produce images that stand out from the crowd.

Topics include:

- Equipment and accessories
- Focus, exposure, and light
- Composition and creativity
- Bird photography ethics
- Capturing bird behavior
- Storytelling images
- Action and in-flight shots
- Backyard photo studio
- Weather, water, and mood
- Top bird photo sites in North America
- Basic image editing

...and much more

Foreword by Tim Gallagher, Editor-in-Chief Emeritus, *Living Bird* magazine. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Cambria} p.p2 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px 'Times New Roman'; min-height: 15.0px} p.p3 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Cambria; min-height: 14.0px} p.p4 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Arial} span.s1 {font: 11.0px Verdana} span.s2 {font: 12.0px 'Times New Roman'}

Welcome to the world of drones! This book will show you everything you could ever want to know about buying and flying your first drones. From getting to grips with the jargon you'll need to speak to other flyers, to how you can design and build your own drone with advanced features like live video feedback and programmable autopilot. You'll even learn how to read a sectional chart (that's a pilot's map-see, you're learning already!) This book is your gateway to the fun (and the learning) that awaits, and it'll keep you safe in the skies too.

A stunning collection of images offering an unexpected look at our Earth from the wildly popular "From Where I Drone" Instagram account. A vertiginous overhead view of a Tokyo city street grid, set aglow with nighttime lights. Aerial shots of whales in the turquoise-blue waters of the Indian Ocean. Sunbathers languidly lounging on a tropical beach's pearly-white sand. These are just a few of the inspiring images showcased in this stunning compilation of the world's best drone photography. One of this era's fastest-growing technologies, drones have transformed the world of photography, allowing a new class of creatives to capture images that shift our point of view and redefine how we see the world. Paying homage to the breathtaking beauty of our planet, *Eyes over the World* features an eclectic range of natural wonders and man-made oddities captured by both luminaries and amateurs alike in the burgeoning drone-photography community. Edited by drone-photography expert and the creator of the "From Where I Drone" Instagram account Dirk Dallas, this fantastic, fearless volume offers a new sense of perspective and awe gained by this fascinating new technology. Organized geographically, it can also be used as a bucket list of sorts--a catalog of all the wonders the Earth has to offer.

For digital camera and smartphone users, this easy how-to guide, written by an experienced National Geographic photographer, imparts the essentials of taking great pictures. This entertaining book from beloved National Geographic photographer and Photo Ark founder Joel Sartore shows aspiring photographers how to take great pictures, from framing and F-stops to editing and archiving. Whether you're using your phone or a DSLR camera, you'll learn the fundamentals of photography--and how to put them to work every day. In a series of short lessons, Sartore explains the basics, from choosing a camera and gear to understanding focus, exposure, composition, and lighting. Using examples from his own work, he applies the basic rules of photography to family, pet, travel, nature, and street photos, and how to get a great shot with the camera on your smartphone. Throughout the book you'll find pro tips, quick assignments, and the behind-the-camera stories of great photographs; helpful notes clarify how to use every piece of advice with your smartphone camera. Fun and informative, this practical book will be your gateway to taking great pictures.

An indispensable guide to utilizing drone photography for capturing natural landscapes

and events, recording residential details and for a variety of commercial applications. Once available only by helicopter, stunning bird's-eye view pictures are now easy and affordable thanks to drones. *Mastering Drone Photography and Videography* shows you how to dive into this emerging new market for these jaw-dropping shots. Whether for capturing images as a hobbyist or starting a drone photography business, this guide provides everything you need to shoot beautiful pictures and build a lucrative business. Perfect for beginners and experienced drone pilots alike, this book covers the latest technology, newest drones on the market, safest flying methods and the best cameras and video equipment available. Packed with tips, tricks, and suggestions for shooting weddings, real estate listings, and building inspections, this book guarantees you will get the perfect shot. *Mastering Drone Photography and Videography* also walks you through the FAA regulations required to safely and legally operate drones and incorporate them into a business.

Stunning images of the Nordic islands from one of Europe's most renowned nature photographers. Compiled over 14 years, and more than 80 trips by air, on water, and on land to Norway, Iceland, Greenland, and the Faroe Islands. With thrilling making-of and behind-the-scenes texts.

Photographer's Guide to the Panasonic Lumix DC-ZS70/TZ90 is a complete guide to the use of the Panasonic Lumix DC-ZS70 camera, which is known as the TZ90 outside of North America. The book shows beginning and intermediate photographers how to capture excellent images and video sequences with the ZS70. The book explains the use of autofocus, manual focus, aperture, shutter speed, exposure compensation, white balance, and ISO, and many other settings. The book discusses the camera's options for playback, setup, and customizing the operation of its controls. The book contains more than 450 color photographs showing the camera's controls, display screens, and menus. The book includes photographs taken using the many creative settings of the camera, including the Photo Style settings; the Creative Control mode picture effects, which provide the ability to customize the appearance of images in dramatic ways; and the camera's features for burst shooting and shooting in high-contrast lighting conditions. The book includes a full discussion of the video recording abilities of the ZS70 camera, which offers manual control of exposure and focus during movie recording, and provides ultra-high definition 4K recording of motion pictures. The book also explains the camera's features for extracting still images from 4K video and using the Post Focus and Focus Stacking features to produce sharply focused images after a shooting session. In three appendices, the book discusses accessories for the ZS70, including cases, power supply options, and other items, and includes a list of websites and other resources for further information. The book includes an appendix with helpful Quick Tips that explain how to take advantage of the camera's features in the most efficient ways possible.

Have you ever wanted to soar through the air like an eagle? Thanks to the hobby of RC quadcopters and drones, you can. This book shows you how to get up in the air and avoid all the common problems that always result in your drone falling from the sky. Over 100 pages of information designed to get you up in the air and safely flying through the sky on your very first outing.

This book aims to further build capacity in the conservation community to use drones for conservation and inspire others to adapt emerging technologies for conservation.

With over 1.5 million posts on Instagram tagged with #drone, a revolution in photography is taking place over our heads. At the forefront of this revolution are the innovators who have instantly elevated drone photography to the level of art, pioneering their own distinctive bird's-eye view on genres ranging from landscape and architecture to nature and sports. *Masters of Drone Photography* orbits the world of 16 leading lights, each with a creative vision of how, where, and why drones should be used to create stunning photography. Through probing Q&A style interviews, beautifully reproduced images, captions telling the story of each picture, and detailed technical information, the reader is given an insight into the photographers' working practices, from their career paths and inspirations, to the equipment and techniques they employ to create their breathtaking and visionary works.

The Photographer's Guide to Drones

Photography drones allow individuals to capture photos that previously could only be taken from helicopters or planes. More and more photographers are buying drones and trying their hand at aerial photography. The book includes the following section helping you to become a Drone Professional from a Beginner. 1. Understanding Drones - What are drones, what are their uses 2. Drone Controls - Understanding the controls to maneuver your drone safely 3. Drone Types - What are the types of drones available in the market 4. Flying Your Drone - The best tips and trick to flying your drone 5. Drones Buying Guide - How do you choose your drone from among the top brands 6. Buying Guide - Recommendations & Prices - Find the right drone for the job with the price within your budget 7. Buying Guide - Insurance - Does your drone need an insurance 8. Flying Your Drone - Getting Started - Learn how to fly a drone safely, Learn how to do Basic Maneuvers 9. Flying a Drone Like a Pro - Become a professional, take photographs, videos and learn to make money with your drone

Drone Photography and Video Masterclass contains everything a photographer needs to take their craft confidently and expertly into the skies; and everything a drone pilot needs to master this photographic genre. The book takes the view that successful drone photography is all about the shot, not the drone. So, while the reader is equipped with an essential introduction to drone technology, flying skills, safety measures, and legal requirements, author Fergus Kennedy demonstrates how the skills of planning, composition, lighting, focus, and exposure remain essential to capturing great images. He shows how to transfer camera tools and technique from ground to air to achieve outstanding overhead, panoramic, and 360o shots; and how to master gimbal and other skills to bring depth and movement to video tracking shots. Applications from 3D mapping and modelling to landscape and travel photography are covered, demonstrating the range of markets and creative possibilities available to the professional drone photographer. Drones offer a genuinely new perspective, a bird's-eye view previously out of reach for most photographers and filmmakers. *Drone Photography and Video Masterclass* is the essential guide to realizing the full potential of this exciting new playing field, and elevating the art of your photography to dizzying new heights. AUTHOR: Fergus Kennedy is a marine biologist, photographer, and filmmaker, and an experienced multi-rotor pilot and camera operator. Through his company, Skylark Aerial Imaging, he provides aerial video, still photography, and 3D modelling services to clients including the BBC, ABC Television, Canon Europe, Love Productions, WWF, and the Royal Navy. 175 photographs

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- ¿ Understand the Jargon Flying has a lot of unfamiliar terminology, but this book will make it easy to master.
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This book is a complete guide to the Sony Cyber-shot DSC-RX10 IV camera. With this book, author Alexander S. White provides users of the RX10 IV with a manual covering all aspects of the camera's operation. Using a tutorial-like approach, the book shows beginning and intermediate photographers how to accomplish things with the RX10 IV, and explains when and why to use the camera's many features. The book provides details about the camera's shooting modes as well as its menu options for shooting, playback, setup, video, Wi-Fi, and special effects. The book covers all features of the RX10 IV that are new for this model, including its enhanced focusing system with phase detection autofocus; its ability to use a touch screen for focusing and enlarging images in some situations; and a variety of new or enhanced menu options. The book includes more than 500 color photographs that illustrate the camera's controls, display screens, and menus. The images include photographs taken using the RX10 IV's Scene mode, with settings optimized for subjects such as landscapes, sunsets, portraits, and action shots; and its Creative Style and Picture Effect menu options, with settings that alter the appearance of images. The book provides concise introductions to topics such as street photography and infrared photography, and explains how to use the camera's Wi-Fi and Bluetooth features to transfer images to a smartphone or tablet, to control the camera from such a device, and to add location information to images. The book includes a full discussion of the video features of the RX10 IV, which can shoot HD and 4K (ultra-HD) movies, with manual control of exposure and focus during recording. The book explains the camera's numerous features for professional-level videography, including Picture Profiles that allow adjustment of settings such as gamma curve, black level, knee, and detail. The book describes steps for recording 4K video to an external video recorder using the "clean" video output from the camera's HDMI port. In three appendices, the book discusses accessories for the RX10 IV, including cases, power sources, remote controls, microphones and external flash units, and includes a list of websites and other resources for further information. The book includes an appendix

with “quick tips” on how to take advantage of the camera’s features in the most efficient ways possible. This guide to the RX10 IV includes a detailed index, so the reader can quickly locate information about any particular feature or aspect of the camera.

Drones are the next frontier in photography. This cutting-edge technology, still unexplored by the masses, can bring visual artistry to new and exciting heights. The Handbook of Drone Photography will be the go-to manual for consumers wishing to harness the power of drones to capture stunning aerial photographs. This book covers everything one needs to choose the right drone, to get airborne, and to capture and share incredible content. With easy and straightforward instruction, the text will familiarize readers with their craft and its controls. Readers will master drones’ extraordinary image-capturing capabilities and review detailed photography tips that can bring their artistic vision to life. For the first time, aerial photography is open to everyone, and award-winning travel photographer Chase Guttman will guide readers’ drone ventures from beginning to end. The Handbook of Drone Photography can help anyone break into this thrilling, high-potential space and launch their own lofty explorations today.

Photography drones, quadcopters or unmanned aerial systems (UAS) are currently changing film and photography forever, and amateurs and professionals alike are scrambling to get to grips with this new and fast-evolving technology. This book gives you an in-depth look into what can (a lot) and can't (very little) be done with the new generation of photography drones, which drone fits your needs and budget, as well as what cameras you can fly with them. Chapters include: 1. Choosing your drone 2. Choosing your camera 3. Monitors, goggles and receivers 4. Learning to fly 5. Filming 6. Photography 7. Flight environments 8. The edit 9. Going live. This is the 'manual-that-should-have-come-in-the box' for all drone/photography enthusiasts. Also ideal for outdoor/extreme sportsmen and women who want to capture epic images of their adventures.

The Handbook of Bird Photography distills the knowledge, talent, and experience of three well-known professional wildlife photographers into one beautifully illustrated volume. Written in a manner that is easy to understand, this book offers fresh insight and practical tips that will broaden horizons for nature and bird photographers. The authors share their stories showcasing photographs for which they have received awards in major international wildlife photo competitions. In this book, you'll learn about all of the elements that lead to a great bird photograph, including: The bird photographer's equipment Shooting techniques: exposure, focus, how to show movement and freeze action, etc. In the field: bird behavior, hides, and how to attract birds How to use light and compose and crop images The best sites for finding and photographing birds You'll also learn how to show, share, promote, and sell your photographs. Bird photography is a brilliant way to spend your free time, and for some it's a career. This book helps beginners get the hang of things quickly and accurately, and offers field-specific expertise for more experienced photographers.

Sometimes, all that is needed to change someone's mind is a change of perspective. Flying cameras, freed from the constraints of gravity, redefine how we perceive the world we live in and reveal previously unseen moments of beauty. Very rarely does a new technology level a playing field in an art form, allowing unknown talents to share

headlines with established artists. Drones are one of these great equalizers. With this book, we are shining a spotlight on some of the world's best aerial photography. We examine not just the works of well-known aerial photographers, but also the many phenomenal images captured by non-professionals. The subjects of those showcased range from a volcanic eruption to the abstract patterns of fish farms as seen from above, and from never-before-seen views of Patagonia to powerful impressions of the Cliffs of Moher in Ireland. Above the World is an ode to the beauty of the aerial image as it can be seen and captured by anyone. Let yourself be inspired.

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