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## Acces PDF Meade Digital Camera Manuals

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## A User's Guide to the Meade LXD55 and LXD75 Telescopes

[Springer Science & Business Media](#) **This book offers a comprehensive introductory guide to "choosing and using" a series LXD55 or LXD75 computer-controlled ("goto") telescope, containing a wealth of useful information for both beginners and more advanced practical amateur astronomers. The manufacturer's manuals are not nearly detailed enough to be of real help to beginners. No other book offers advanced techniques for more experienced LXD series users.**

## The Astrophotography Manual

## A Practical and Scientific Approach to Deep Sky Imaging

[Taylor & Francis](#) **The Astrophotography Manual, Second Edition is for photographers ready to move beyond standard SLR cameras and editing software to create beautiful images of nebulae, galaxies, clusters, and the stars. Beginning with a brief astronomy primer, this book takes readers through the full astrophotography process, from choosing and using equipment to image capture, calibration, and processing. This combination of technical background and hands-on approach brings the science down to earth, with practical methods to ensure success. This second edition now includes: Over 170 pages of new content within 22 new chapters, with 600 full-color illustrations. Covers a wide range of hardware, including mobile devices, remote control and new technologies. Further insights into leading software, including automation, Sequence Generator Pro and PixInsight Ground-breaking practical chapters on hardware and software as well as alternative astrophotography pursuits**

## Astronomy with Small Telescopes

## Up to 5-inch, 125mm

[Springer Science & Business Media](#) **Small telescopes, whether simple beginners' telescopes or refined computer-controlled instruments, are gaining popularity fast as technology improves and public interest increases. In this book the author has brought together the experience of small telescope users to provide an insightful look into just what is possible. It is written for newcomers to astronomy and experts. Topics covered include: refractors, reflectors, advanced catadioptric telescopes, and a simple radio telescope. Almost everyone with an interest in practical astronomy will want this book.**

## How to Use a Computerized Telescope

## Practical Amateur Astronomy Volume 1

[Cambridge University Press](#) **The first handbook that describes how to start observing the sky with a computerized telescope.**

## Popular Photography

## Videoblogging For Dummies

[John Wiley & Sons](#) **Have you ever felt the urge to share the entertaining and insightful things that happen in your everyday world? Got a message you'd like to get across to others? A cause you want people to support? A videoblog**

allows you to share whatever you choose in a colorful, interesting way that gets attention—and furthermore, videoblogging is fun! Grab *Videoblogging For Dummies* and put your videoblog on the fast track. You'll see how to Gather and use videoblogging tools Decide what you want your videoblog to do Plan content and edit your footage Set up a video hosting account and post your videoblog Create a complete "show" Videoblog safely, without compromising your security or others' privacy Of course, a great way to get an idea of what you want to do with your videoblog (or vlog, as you'll be calling it when you're an insider) is to check out other people's vlogs. You'll find information about that in *Videoblogging For Dummies* too, including where to find videoblogs and how to set up RSS feeds. And you'll see how vlogs can affect public opinion, offer fresh viewpoints, and be terrifically entertaining. Written by a true videoblogging pioneer —Stephanie Cottrell Bryant launched her first vlog in 2005, and now presents seminars on videoblogging topics—*Videoblogging For Dummies* gives you the scoop on Choosing hardware and software you need to get started, plus an idea of what it's going to cost Adding the extra bells and whistles and professional touches that will get your vlog noticed Deciding whether to script your vlog or make it "reality TV", dealing with "vid fright", and making other people comfortable before your camera Finding out who your audience is, getting feedback, and fine-tuning your vlog Giving your vlog a clear identity Becoming a citizen journalist, an advocate, or a small-screen movie producer Editing, adding soundtracks, working with file formats, and publicizing your vlog Videoblogging lets you showcase your art, keep in touch with friends and family, make new friends, or do your part to help solve the world's problems. *Videoblogging For Dummies* is the fun and easy way to get started!

## How to Photograph the Moon and Planets with Your Digital Camera

[Springer Science & Business Media](#) Although astronomical CCD cameras can be very costly, digital cameras - the kind you use on holiday - on the other hand, are relatively inexpensive. Moreover, their technology - especially thermal noise, sensitivity (ISO number) and resolution - has progressed to a point where such cameras are more than capable of photographing the brighter astronomical objects. Now Tony Buick has teamed up with fellow author and astro imager Phil Pugh, to produce a completely revised, updated, and extended second edition to *How to Photograph the Moon and Planets with your Digital Camera*, first published in 2006. The revisions take into account changing (and improving) camera technology, and some items which are now available commercially but which previously had to be home-made. The section of solar observing has been expanded to include observing by H-alpha light, and among the many additional sections are photographing the constellations, aurorae, and basic post-imaging processing.

## Cyber Attack Survival Manual: From Identity Theft to The Digital Apocalypse

and Everything in Between | 2020 Paperback | Identify Theft | Bitcoin | Deep Web | Hackers | Online Security | Fake News

[Weldon Owen](#) "The *Cyber Attack Survival Manual* is the rare security awareness book that is both highly informative and interesting. And this is one of the finest security awareness books of the last few years." - Ben Rothke, Tapad Engineering Let two accomplished cyber security experts, Nick Selby and Heather Vescent, guide you through the dangers, traps and pitfalls of online life. Learn how cyber criminals operate and how you can defend yourself and your family from online security threats. From Facebook, to Twitter, to online banking we are all increasingly exposed online with thousands of criminals ready to bounce on the slightest weakness. This indispensable guide will teach you how to protect your identity and your most private financial and personal information.

## Choosing and Using a New CAT

## Getting the Most from Your Schmidt Cassegrain or Any Catadioptric Telescope

[Springer Science & Business Media](#) Choosing and Using the New CAT will supersede the author's successful *Choosing and Using a Schmidt-Cassegrain Telescope*, which has enjoyed enthusiastic support from the amateur astronomy community for the past seven years. Since the first book was published, a lot has changed in the technology of amateur astronomy. The sophistication and variety of the telescopes available to amateurs has increased dramatically. Computerized SCTs, Maksutov-Cassegrains, and most recently Meade's new and acclaimed Ritchey-Chrétiens have come to dominate the market. That means that all amateurs considering the purchase of a new telescope (not only a

SCT, and not just beginners) will benefit from this detailed guide. Choosing the right telescope for particular kinds of observation (or even for general work) is far from easy - but Rod Mollise gives invaluable advice and guidance.

## Beginners Guide to Night Photography

Steve Rutherford Do you struggle to take great photos of fireworks or the stars and night sky? Written by Multi Award Winning Australian Photographer, Trainer and Best Selling Author Steve Rutherford. This book, The Beginners Guide to Night Photography is one of the best selling "Beginners Guide to Photography" book series and is an easy to understand practical guide to night photography. In the latest book "The Beginners Guide to Night Photography" another book in the best selling "Beginners Guide to Photography" book series. You'll discover the secrets the pro's use to get amazing photos of star trails, planets and even deep space! Here is what is covered in this complete beginners guide to Photographing the Night Sky by Award Winning Professional Photographer and Best Selling Author Steve Rutherford. The SECRET TECHNIQUES pro photographers use every day FREE Access to BONUS VIDEO TRAINING to learn photo editing like a pro Beginners buying guide to telescopes and how to use them with cameras. Dozens of astrophotography techniques, tips and tricks. Equipment needed to capture star field planetary and celestial objects. Specialised telescopic equipment studies. All the resources to find processing software for astrophotography. Over 200 pages of hands on easy to follow instruction The equipment that takes your shots from boring to amazing How to save time and money using the right photography tools How to turn your photography passion and creativity into a BIG \$ income You will discover the many secrets that I, and other pro photographers, use to capture stunning award winning photos, with sharper focus, more color, more detail and less time wasting, trying every setting to "hope for a good shot". Set out into an easy to follow, page by page guide, join me indoors, outdoors and at night on all aspects of photography and how to take control of your DSLR Camera, and master striking photos, with every shoot. The Beginners Guide to Night Photography, is clearly written, easy-to-understand guide will be an indispensable resource whenever you pick up the camera for your next night photography shoot. You'll also get FREE access to Video Training at - <https://www.photocheats.com>. Also FREE Access to One Shot Magazine at - <http://www.oneshotmagazine.com>. It is packed full of tips and tricks to improve your photography. Just follow the links to both Photo Cheats and One Shot Magazine in the book or Like us over at <https://www.facebook.com/OneShotMagazine> Please also come back and leave a review we would love to know what you thought of this book. Don't forget to check out the other books in the "Beginners Guide to Photography" book series. Written with all levels in mind, there is instruction for beginners, as well as many advanced techniques and tips. I have also included "live website links" throughout, as well as easy to find "quick tip" sections. The "Beginners Guide to Photography" book series breaks techniques down into specific categories so you can perfect these techniques. Please see the other books in the series for more in depth tutorials on a large range of photography styles. Please also come back and leave a review we would love to know what you thought of this book. Don't forget to check out the other books in the "The Beginners Guide to Photography" best selling photography book series. \*\*\*\*\* 5 STAR REVIEWS for this book series so far \*\*\*\*\* "Explanatory, easy descriptions involved material" "Loved it has helped me in numerous ways. Have used it as a reference constantly. One of my photos has gone viral since using the hints and tips in the book. Small adjustments make huge differences." - Mike Roche. "Has absolutely everything" "Do not miss out on this book. As the title says it has absolutely everything and I particularly like the boxes with advice to shoot particular subjects. It doesn't matter whether you are just starting out or experienced with a camera, it has something for everyone. Highly recommended!" - Paul B "Well worth the money" "Great book that starts from the very basics, explains everything to do with modern cameras, their use, settings and techniques under different settings and circumstances." - Qball "A great read" "Getting back into photography after a 6 yr break - born and raised on a film SLR, this book helped me remember things and to better adapt to a digital SLR - whether you're novice or experienced, you will get a lot out of this book...." - Brian I love this book and hope to capture few good images as a result of this." - Jatinkumar.

## Popular Photography

## Digital Photography Hacks

"O'Reilly Media, Inc." Presents a collection of tips on digital photography and digital cameras, covering such topics as digital camera attachments, nighttime photography, using a flash, using Adobe Photoshop, and printing photographs.

## Photographer's Guide to the Leica D-Lux (Typ 109)

## Getting the Most from Leica's Advanced Compact Camera

White Knight Press With the release of Photographer's Guide to the Leica D-Lux (Typ 109), White Knight Press provides a complete guide to the use of this advanced compact camera. The book shows beginning and intermediate photographers how to capture excellent images and video sequences with the D-Lux. The book explains the camera's controls for autofocus, manual focus, aperture, shutter speed, exposure compensation, white balance, and ISO, as well as many other settings. The book also discusses the D-Lux's numerous options for playback, setup, and customizing

the operation of its various buttons and other controls. The book contains more than 350 color photographs showing the camera's controls, display screens, and menus. The book includes examples of photographs taken using the creative settings of the camera, including the Photo Style settings; the Filter button picture effects, which provide the ability to customize the appearance of images in dramatic ways; and the camera's features for continuous shooting and shooting in high-contrast lighting conditions. The book also includes a full discussion of the video recording abilities of the D-Lux camera, which offers manual control of exposure and focus during movie recording, and which provides ultra-high definition 4K recording of motion pictures. In three appendices, the book provides information about accessories for the D-Lux, including cases, external flash units, and other items, and includes a list of web sites 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.

## Photographer's Guide to the Sony DSC-RX100 V

### Getting the Most from Sony's Pocketable Digital Camera

[White Knight Press](#) Guide book for Sony DSC-RX100 V camera

## Astronomy Now

## Photographer's Guide to the Sony RX1R II

### Getting the Most from Sony's Full-frame Compact Camera

[White Knight Press](#) This book is a complete guide to using the Sony Cyber-shot DSC-RX1R II camera. With this book, author Alexander White provides users of the RX1R II 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 this premium full-frame camera, 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, and special effects. The book covers all of the features of the RX1R II, including its variable low pass filter, fast autofocus system, HD video recording, and features for continuous shooting. The book includes more than 450 color photographs that illustrate the camera's controls, display screens, and menus. The images provide examples of photographs taken using the RX1R II's Scene mode, with settings optimized for subjects such as landscapes, sunsets, portraits, and action shots; and the Creative Style and Picture Effect menu options, with settings for altering the appearance of images. The book also provides introductions to topics such as street photography, astrophotography, and digiscoping. It includes a full discussion of the video features of the RX1R II, which can shoot HD movies with manual control of exposure and focus during movie recording. In three appendices, the book discusses accessories for the RX1R II, including cases, power sources, remote controls, 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 RX1R II includes a detailed index, so the reader can quickly find needed information about any particular feature or aspect of the camera.

## Photographer's Guide to the Sony a6400

### Getting the Most from Sony's Advanced Mirrorless Camera

[White Knight Press](#) With this book, author Alexander S. White provides users of the a6400 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 a6400, 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, Bluetooth, and special effects. The book covers the a6400's ability to use its touch screen for focusing and enlarging images in some situations, its upgraded autofocus system, which includes automatic focusing on the eyes of humans or animals, and the camera's wide range of options for assigning its control buttons, dial, and wheel to carry out photographic functions. The book includes more than 450 color photographs that illustrate the camera's controls, display screens, and menus. The images include photographs taken using the a6400'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 a6400, 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 a6400, 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 a6400 includes a detailed index, so the reader can quickly locate information about any particular feature or aspect of the camera.

## Photographer's Guide to the Sony DSC-RX100 VI

### Getting the Most from Sony's Advanced Compact Camera

White Knight Press This book is a complete manual on the Sony Cyber-shot DSC-RX100 VI camera, one of the most advanced, but still pocketable, cameras available. With this book, author Alexander White provides users of the RX100 VI with a guide to all aspects of the camera's operation. Using a tutorial-like approach, the book shows beginning and intermediate photographers how to take still images and record video with the RX100 VI, and explains when and why to use the camera's many features. The book provides details about the camera's automatic and advanced shooting modes, including burst shooting at rates as fast as 24 frames per second, as well as its numerous menu options for shooting, playback, and setup. The book includes information about using Wi-Fi and Bluetooth connections for image transfer, remote control, and adding location information to images. The book has more than 500 color photographs or illustrations that help explain the camera's menus, shooting screens, and features. These images include examples of photographs taken using the RX100 VI's Scene mode, with settings optimized for subjects such as landscapes, sunsets, portraits, low-light, and action shots; and the Creative Style and Picture Effect menu options, with settings that alter the appearance of images. The book also provides introductions to topics such as street photography, astrophotography, and digiscoping, with photographic examples. The book includes a full discussion of the video features of the RX100 VI, which can shoot HD and 4K (ultra-HD) movies, and which offers manual control of exposure and focus during movie recording. The book explains the camera's numerous features that are useful for professional-level videography, including Picture Profiles that allow adjustment of settings such as gamma curve, black level, knee, and detail. The book provides detailed information about 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 RX100 VI, including cases, power sources, grips, remote controls, and filter adapters, 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 RX100 VI includes a detailed index, so the reader can quickly find needed information about any particular feature or aspect of the camera.

## Photographer's Guide to the Panasonic Lumix LX100

### Getting the Most from Panasonic's Advanced Compact Camera

White Knight Press With the release of this guide book for the Panasonic Lumix DMC-LX100 camera, White Knight Press has provided users with a complete guide to all operations of this advanced compact camera. Using a tutorial-like approach, the book provides guidance to beginning and intermediate photographers about how to accomplish things with the LX100, with tips about when and why to use the camera's many controls, menu options, and other features. The book provides details about the camera's controls for autofocus, manual focus, aperture, shutter speed, exposure compensation, white balance, and ISO sensitivity, as well as many other settings. The book also provides details about the camera's numerous options for playback, setup, and customizing the operation of the various buttons and other controls. The book contains more than 350 photographs, almost all in full color, illustrating the LX100's controls, display screens, and menus. The images also provide examples of the photographs that can be taken using the many creative settings of the camera, including the Photo Style settings, which let the photographer alter the color processing as well as contrast, sharpness and noise reduction for images; the Intelligent Auto shooting mode, with scene detection optimized for various subjects, including landscapes, portraits, and sunsets; the Filter button picture effects, which provide the ability to customize the appearance of images in dramatic ways; and the camera's strong array of features for continuous shooting and shooting in high-contrast lighting conditions. The book also includes a full discussion of the video recording abilities of the LX100, which offers manual control of exposure and focus during movie recording, and which provides ultra-high definition 4K recording of motion pictures. In three appendices, the book provides information about accessories for the LX100, including cases, external flash units, and other items, and

includes a list of web sites 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.

## Photographer's Guide to the Sony DSC-RX10 II

### Getting the Most from Sony's Advanced Digital Camera

White Knight Press This book is a complete guide to using the Sony Cyber-shot DSC-RX10 II camera, one of the most advanced compact cameras available. With this book, author Alexander White provides users of the RX10 II 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 II, 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, and special effects. The book covers all of the features of the RX10 II that are new for this model, including its electronic shutter, faster continuous shooting, 4K video recording, and ability to shoot video at up to 960 frames per second for super slow-motion playback. The book includes more than 450 color photographs that illustrate the camera's controls, display screens, and menus. The images also provide examples of photographs taken using the RX10 II's Scene mode, with settings optimized for subjects such as landscapes, sunsets, portraits, and action shots; and the Creative Style and Picture Effect menu options, with settings for altering the appearance of images. The book also provides introductions to topics such as street photography, astrophotography, and digiscoping. The book includes a full discussion of the video features of the RX10 II, which can shoot HD and 4K (ultra-HD) movies, with manual control of exposure and focus during movie recording. The book also 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 provides detailed information about 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 II, including cases, power sources, remote controls, 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 II includes a detailed index, so the reader can quickly find needed information about any particular feature or aspect of the camera.

## Photographer's Guide to the Sony DSC-RX100 IV

### Getting the Most from Sony's Pocketable Digital Camera

White Knight Press This book is a complete guide to using the Sony Cyber-shot DSC-RX100 IV camera, one of the most advanced, but still pocketable, cameras available. With this book, author Alexander White provides users of the RX100 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 RX100 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, and special effects. The book covers all of the features of the RX100 IV that are new for this model, including its electronic shutter, faster continuous shooting, 4K video recording, and ability to shoot video at up to 960 frames per second for super slow-motion playback. The book includes more than 450 color photographs that illustrate the camera's controls, display screens, and menus. The images also provide examples of photographs taken using the RX100 IV's Scene mode, with settings optimized for subjects such as landscapes, sunsets, portraits, and action shots; and the Creative Style and Picture Effect menu options, with settings for altering the appearance of images. The book also provides introductions to topics such as street photography, astrophotography, and digiscoping. The book includes a full discussion of the video features of the RX100 IV, which can shoot HD and 4K (ultra-HD) movies, and which offers manual control of exposure and focus during movie recording. The book also explains the camera's numerous features that are oriented for professional-level videography, including Picture Profiles that allow adjustment of settings such as gamma curve, black level, knee, and detail. The book provides detailed information about 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 RX100 IV, including cases, power sources, grips, and filter adapters, 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 RX100 IV includes a detailed index, so the reader can quickly find needed information about any particular feature or aspect of the camera.

## Photographer's Guide to the Sony DSC-RX100 VII

### Getting the Most from Sony's Advanced Compact

# Camera

[White Knight Press](#) This book is a complete manual for users of the Sony Cyber-shot DSC-RX100 VII camera, one of the most advanced, but still pocketable, cameras available. With this book, author Alexander White provides users of the RX100 VII with a guide to all aspects of the camera's operation, including its many advanced settings for autofocus and exposure control. Using a tutorial-like approach, the book shows beginning and intermediate photographers how to take still images and record video with the RX100 VII, and explains when and why to use the camera's many features. The book provides details about the camera's automatic and advanced shooting modes, including continuous shooting at rates as fast as 20 frames per second, with short bursts as fast as 90 frames per second, as well as its numerous menu options for shooting, playback, and setup. The book includes information about using Wi-Fi and Bluetooth connections for image transfer, remote control, and adding location information to images. The book has more than 500 color photographs or illustrations that help explain the camera's menus, shooting screens, and features. These images include examples of photographs taken using the RX100 VII's Scene mode, with settings optimized for subjects such as landscapes, sunsets, portraits, low-light, and action shots; and the Creative Style and Picture Effect menu options, with settings that alter the appearance of images. The book also provides introductions to topics such as street photography, astrophotography, and digiscoping, with photographic examples. The book includes a full discussion of the video features of the RX100 VII, which can shoot HD and 4K (ultra-HD) movies, and which offers manual control of exposure and focus during movie recording. The book explains the camera's numerous features that are useful for professional-level videography, including Picture Profiles that allow adjustment of settings such as gamma curve, black level, knee, and detail. The book provides detailed information about 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 RX100 VII, including cases, power sources, grips, remote controls, and filter adapters, 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 RX100 VII includes a detailed index, so the reader can quickly find needed information about any particular feature or aspect of the camera.

## Using Commercial Amateur Astronomical Spectrographs

[Springer Science & Business Media](#) Amateur astronomers interested in learning more about astronomical spectroscopy now have the guide they need. It provides detailed information about how to get started inexpensively with low-resolution spectroscopy, and then how to move on to more advanced high-resolution spectroscopy. Uniquely, the instructions concentrate very much on the practical aspects of using commercially-available spectroscopes, rather than simply explaining how spectroscopes work. The book includes a clear explanation of the laboratory theory behind astronomical spectrographs, and goes on to extensively cover the practical application of astronomical spectroscopy in detail. Four popular and reasonably-priced commercially available diffraction grating spectrographs are used as examples. The first is a low-resolution transmission diffraction grating, the Star Analyser spectrograph. The second is an inexpensive fiber optic coupled bench spectrograph that can be used to learn more about spectroscopy. The third is a newcomer, the ALPY 600 spectrograph. The fourth spectrograph considered is at the other end of the market both in performance and cost, the high-resolution Lhires III. While considerably more expensive, this is a popular and excellent scientific instrument, that allows more advanced amateur astronomers to produce scientifically valuable data. With all of these tools in place, the amateur astronomer is well-prepared to forger deeper into the night sky using spectroscopy.

## Photographer's Guide to the Sony DSC-RX100

## Getting the Most from Sony's Pocketable Digital Camera

[White Knight Press](#) The Sony DSC-RX100 has been hailed by reviewers and general photographers as one of the highest-quality compact digital cameras ever produced. With its larger-than-normal image sensor, superior image quality, and impressive array of features for creative photography, this camera has attracted a large and dedicated following in the photography community. However, the camera does not come with a printed manual, or even a PDF manual that can readily be printed for reference. So, until now, it has been difficult for users of the camera to find answers to their questions about the use of the camera's many controls, menus, and features. With the release of this new book, White Knight Press has provided users of the RX100 with a comprehensive guide to all operations, features, menus, and controls of this amazing 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 RX100, but when and why to use the camera's many features. The book does not assume any 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 full details of the camera's numerous menu options for playback, setup, and customizing the operation of the various buttons and other controls. The book's more than 300 photographs, most of them in full color, illustrate the RX100'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 Photo Creativity settings, which let the photographer alter the color processing of images; the Scene

shooting mode, with settings that are optimized for various subjects, including landscapes, portraits, and action shots; the Creative Style and Picture Effect menu options, which offer dramatic options for altering 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 RX100, 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 RX100, 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.

## Popular Photography

## Popular Photography

## Photographer's Guide to the Sony DSC-RX100 II

## Getting the Most from Sony's Pocketable Digital Camera

White Knight Press With the release of the DSC-RX100 II camera, Sony has built upon the success of the earlier RX100 model, adding a hot shoe, tilting LCD screen, Wi-Fi capability, upgraded digital sensor, and several other enhancements. White Knight Press, which published a widely praised guide to the RX100, has released this new guide book that addresses all of the new features of the RX100 II and includes a full discussion of the many advanced features that are common to both camera models. With the publication of Photographer's Guide to the Sony DSC-RX100 II, author Alexander White provides users of the RX100 II with a guide to all operations, features, menus, and controls of the camera. Using a patient, tutorial-like approach, the book shows beginning and intermediate photographers not only how to accomplish things with the RX100 II, but when and why to use the camera's many 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 provides full details of the camera's numerous shooting modes as well as its many menu options for shooting, playback, setup, and special effects. The book includes full coverage of the new features of the RX100 II, including the use of the camera's built-in capability to transfer images and videos over a wireless network and to allow the camera to be controlled remotely by a smartphone or tablet. The book includes approximately 400 photographs, most in full color, which illustrate the camera's controls, shooting screens, and menus. The images also provide examples of the types of photographs that can be taken using the many creative settings of the camera, including the Photo Creativity settings, which let the photographer alter the color processing of images; the Scene shooting mode, with settings that are optimized for various subjects, including landscapes, portraits, and action shots; the Creative Style and Picture Effect menu options, which offer dramatic options for altering 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, digiscoping, and macro photography. The book also includes a full discussion of the video recording abilities of the RX100 II, 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 RX100 II, including cases, external flash units, viewfinders, 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.

## CLANDESTINE PHOTOGRAPHY

## Basic to Advanced Daytime and Nighttime Manual

## Surveillance Photography Techniques-For Military

## Special Operations Forces, Law Enforcement,

## Intelligence Agencies, and Investigators

Charles C Thomas Publisher This book explains how to take surreptitious photographs and record video of people and property in a safe and effective manner while producing excellent results. It is the most comprehensive text on

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

## Popular Photography

### Astronomical Discoveries You Can Make, Too!

#### Replicating the Work of the Great Observers

[Springer](#) You too can follow in the steps of the great astronomers such as Hipparchus, Galileo, Kepler and Hubble, who all contributed so much to our modern understanding of the cosmos. This book gives the student or amateur astronomer the following tools to replicate some of these seminal observations from their own homes: **With your own eyes:** Use your own observations and measurements to discover and confirm the phenomena of the seasons, the analemma and the equation of time, the logic behind celestial coordinates, and even the precession of the equinoxes. **With a consumer-grade digital camera:** Record the changing brightness of an eclipsing binary star and show that a pulsating star changes color as it brightens and dims. Add an inexpensive diffraction grating to your camera and see the variety of spectral features in the stars, and demonstrate that the Sun's spectrum is similar to one particular type of stellar spectrum. **With a backyard telescope:** Add a CCD imager and you can measure the scale of the Solar System and the distance to a nearby star. You could even measure the distance to another galaxy and observe the cosmological redshift of the expanding universe. *Astronomical Discoveries You Can Make, Too!* doesn't just tell you about the development of astronomy; it shows you how to discover for yourself the essential features of the universe.

## So You Want a Meade LX Telescope!

### How to Select and Use the LX200 and Other High-End Models

[Springer Science & Business Media](#) **Computers and Astronomy** Perhaps every generation of astronomers believes that their telescopes are the best that have ever been. They are surely all correct! The great leap of our time is that computer-designed and machined parts have led to more accurately made components that give the astronomer ever better views. The manual skills of the craftsman mirror grinder have been transformed into the new-age skills of the programmer and the machine maker. (The new products did not end the work of craftsman telescope makers, though. Many highly skilled amateur/professional opticians continued to produce good-quality mirrors that are still seen today.) Amateur-priced telescopes are now capable of highly accurate tracking and computer control that were once only the province of professionals. This has greatly increased the possibilities of serious astronomy projects for which tailor-made software has been developed. Add a CCD camera to these improved telescopes (see Chap. 3), and you bring a whole new dimension to your astronomy (see Fig. 1. 1). **Look Before You Leap!** But first, a word of caution. Unless you are already familiar with astronomy and basic telescopes, it is not wise to start spending large amounts of money on a well-featured telescope. Such an instrument might otherwise be subsequently abandoned due to a perceived overcomplexity coupled with a waning interest.

## Popular Photography

### Photographer's Guide to the Sony DSC-RX10

#### Getting the Most from Sony's Advanced Compact

## Camera

White Knight Press In this comprehensive guide book to the Sony DSC-RX10 camera, author Alexander White provides users of the RX10 with a roadmap to all operations, features, menus, and controls of the camera. Using a tutorial-like approach, the book shows beginning and intermediate photographers not only how to accomplish things with the RX10, but when and why to use the camera's features. The book does not assume specialized knowledge by the reader as it explains topics such as autofocus, manual focus, aperture priority, shutter priority, exposure compensation, white balance, and ISO sensitivity. The book discusses the camera's numerous shooting modes as well as its menu options for shooting, playback, setup, and special effects. The book includes complete coverage of the Wi-Fi features of the RX10, including the capability to transfer images and videos over a wireless network and to control the camera remotely with a smartphone or tablet. The book includes more than 400 color photographs that illustrate the camera's controls, display screens, and menus. The images also provide examples of the photographs that can be taken using the RX10's Scene shooting mode, with settings that are optimized for various subjects, including landscapes, portraits, and action shots; the Creative Style and Picture Effect menu options, which offer dramatic options for altering the appearance of images; and the camera's features for continuous shooting and shooting in dim lighting. In addition, the book provides introductions to topics such as infrared photography, street photography, astrophotography, digiscoping, and macro photography. The book includes a full discussion of the advanced video recording abilities of the RX10, which can shoot high-definition video with stereo sound, with manual control of exposure and focus during movie recording, and professional-level features such as zebra stripes to gauge exposure and connections for external microphones and headphones. In three appendices, the book provides information about accessories for the RX10, including cases, external flash units, and microphones, and includes a list of web sites 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.

## Life Lessons from a Broken Heart

WestBow Press Heartbreak comes in many shapes, sizes and reasons from being cheated on, divorce, widowed, financial loss, unrequited love, abuse. The list is endless and unfortunately the pain can feel equally the same. With influences from today's popular culture and her faith, Selina takes you on a journey of self-reflected life lessons from her own personal heartbreak and that of others. Written to inspire, she will challenge you to think and be mindful about how you move forward into relationships. This will cause you to stop, think and proceed with caution to help break from those patterns of the past and to minimize the injuries of unhealthy love attachments. Furthermore, you will be equipped to make positive changes and to determine those that qualify to own the manual and keys to your heart.

## Popular Photography

## The EBay Price Guide

## What Sells for what (in Every Category!)

Provides lists of selling prices of items found on eBay in such categories as antiques, boats, books, cameras, coins, collectibles, dolls, DVDs, real estate, stamps, tickets, and video games.

## Photographer's Guide to the Leica D-Lux 6

## Getting the Most from Leica's Advanced Compact Camera

White Knight Press The Leica D-Lux 6 is one of the top choices for photographers who want an advanced camera they can carry around to capture great images without the complication and weight of a DSLR or other large camera. With features such as a very fast lens with an aperture of f/1.4, excellent image quality, and a solid array of burst-shooting capabilities, the D-Lux 6 has attracted an enthusiastic following. However, the camera does not come with a detailed printed manual for reference, making it hard for users to find answers to questions about the use of the camera's many controls, menus, and features. With the release of this guide book to the D-Lux 6, White Knight Press has provided users with a comprehensive guide to all operations of this sophisticated camera. Using a patient, tutorial-like approach, the book provides guidance to beginning and intermediate photographers about how to accomplish things with the D-LUX 6, as well as when and why to use the camera's many controls, menu options, and other features. The book does not assume specialized knowledge by the reader as it explains topics such as autofocus, manual focus, depth of field, aperture priority, shutter priority, exposure bracketing, white balance, and ISO sensitivity. The book also provides details about the camera's numerous options for playback, setup, and customizing the operation of the various buttons and other controls. The book contains approximately 400 photographs, almost all in full color,

illustrating the D-Lux 6's controls, shooting screens, and menus. The images also provide examples of the various types of photographs that can be taken using the many creative settings of the camera, including the Creative Control settings, which let the photographer alter the color processing and other aspects of images; the Scene shooting mode, with settings that are optimized for various subjects, including landscapes, portraits, and action shots; the Photo Style menu option, which provides the ability to customize the appearance of images; and the camera's strong array of features for continuous shooting and shooting in dim lighting. In addition, the book goes beyond the bounds of everyday photography, and introduces more advanced topics such as infrared photography, street photography, digiscoping, astrophotography, and High Dynamic Range (HDR) photography. The book also includes a full discussion of the video recording abilities of the D-Lux 6, which can shoot high-definition (HD) video with stereo sound, and which offers manual control of exposure and focus during movie recording. In three appendices, the book provides information about accessories for the D-Lux 6, including cases, external flash units, viewfinders, and filter adapters, and includes a list of web sites and other resources for further information. The book includes a detailed appendix with helpful Quick Tips with insights into how to take advantage of the camera's features in the most efficient ways possible.

## Meade's Army

### The Private Notebooks of Lt. Col. Theodore Lyman

Civil War in the North Lt. Col. Theodore Lyman served as Gen. George Gordon Meade's aide-de-camp from September 1863 until the end of the Civil War. Lyman was a Harvard-trained natural scientist who was exceptionally disciplined in recording the events, the players, and his surroundings during his wartime duty. His private notebooks document his keen observations. Meade's Army contains anecdotes, concise vignettes of officers, and lively descriptions of military campaigns as witnessed by this key figure in the Northern war effort.

### The Gougeon Brothers on Boat Construction

#### Wood and WEST System Materials

Gougeon Brothers Excellect illustrations and pictures. Covers all phases of construction: estimating materials, tools, wood as structural material, safety, lamination techniques, scarfing, coating & finishing, lofting, molds, keels/stems/sheer clamps, laminated hulls, strip planking/composit, interiors, decks, hardware bonding.

### Photographer's Guide to the Canon Powershot S95

#### Getting the Most from Canon's Pocketable Digital Camera

White Knight Press This book, a complete guide to the operation and features of the Canon PowerShot S95, is a follow-up to the author's earlier guides to advanced compact digital cameras, including the Leica D-Lux 4 and D-Lux 5, and the Panasonic Lumix LX3 and LX5. The new book, like the earlier ones, explains all operations, features, menus, and controls of the camera in clear language, providing guidance not only about how to accomplish things with the camera, but when and why to use certain features. The book does not assume any specialized knowledge by the reader, but adopts a patient and helpful tone in explaining topics such as autofocus, manual focus, depth of field, aperture priority, shutter priority, HDR (High Dynamic Range) photography, and RAW files. The book's more than 170 color photographs provide illustrations of the camera's controls and menus, and also include examples of the various types of photographs that can be taken using the many creative settings of the camera, including the My Colors settings, which let the photographer alter the color processing of images; the Scene mode, with settings that are optimized for various subjects, including landscapes, portraits, and underwater shots; and special features such as the Smart Shutter and Miniature Effect options. In addition, the book goes beyond the realm of everyday photography, and provides introductions to more advanced topics such as infrared photography, street photography, macro photography and creating 3D (three-dimensional) images that can be viewed with conventional red and blue 3D glasses. The book also includes a full discussion of the video recording abilities of the PowerShot S95, which can record high-definition (HD) video with stereo sound. In three appendices, the book provides information about accessories available for the camera, sets forth a list of useful web sites and other resources for further information, and includes a section with helpful "quick tips" that give particular insights into how to take advantage of the camera's advanced features in the most efficient ways possible. The book includes a detailed Table of Contents and a full Index, so the reader can quickly find needed information about any particular feature or aspect of the camera.