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Highest Resolution Camera Ever

The Sony a7R IV has the highest resolution of any full frame camera ever, combined with a range of advanced features and capabilities, making it an intriguing option for landscape, portrait, and ...

Two Years With the Sony a7R IV: Is It the Camera for You?

After months of leaks and speculation, the Canon EOS R3 has finally been announced – and this powerhouse professional camera packs 6K RAW video, 30fps burst shooting, Canon’s best autofocus system ...

The 6K Canon EOS R3 is here — the best professional camera ever made?

Want to know what the best 4K camera 2021 is? Whether it’s movies you want to make or high-resolution video content you’re keen to create, the ideal 4K camera for you is sure to be found in our ...

Best 4K camera in Saudi Arabia for 2021: the 12 top cameras for shooting 4K movies

Cloud-based video collaboration solutions provider ClearOne recently introduced its UNITE 200 Pro camera, a professional-grade PTZ camera. The camera features a 20x optical zoom lens plus a 16x ...

ClearOne Debuts UNITE 200 Pro Camera for Video Collaboration

From Zoom calls with coworkers, video chats with friends, and streams to adoring fans, there are a lot of reasons to upgrade to an external webcam.

The best webcams for boosting your video quality

The Hero 10 is the latest version of GoPro’s popular action cam. Here are all the updates that make it a mighty tiny camera.

GoPro’s new Hero 10 could be the only camera you ever need — here are the performance-enhancing upgrades

GoPro Ships HERO10 Action Camera. by Adam Hanlon Thursday, September 16th, 2021. GoPro is shipping the new HERO10 action camera. Equipped with a new GP2 processor, it can capture ...

GoPro Ships HERO10 Action Camera

Ricoh Imaging has quietly announced the GR IIIx, a new compact camera based on the popular GR III, that features a 40mm (full-frame equiv.) F2.8 lens and other improvements. At the heart of the GR ...

Ricoh’s new GR IIIx camera features a new 40mm equiv. lens, improved image processor and more

Infinix is gearing up to introduce a new smartphone with 108 MP camera and periscope lens. The device has leaked in the wild.

Infinix smartphone with 108 MP camera and periscope lens leaked

The iPhone 13 Pro Max’s stellar cameras, 120Hz display and longer battery life add up to a practically perfect phone.

iPhone 13 Pro Max review: The best phone period

We took the Apple iPhone 13 pro and pro max for a spin ahead of their release date, testing everything from camera performance to design and battery life ...

Apple iPhone 13 pro and iPhone pro max review: impressive camera, battery life and fast performance

With the iPhone 13 Pro, Apple is introducing some exciting new camera features and a much more responsive display, but is that worth upgrading from the previous models? We weigh the pros and cons in ...

iPhone 13 Pro Review: Cinematic Camera Leads Transformational Changes To Consider Upgrading For

The iPhone 13 Pro and 13 Pro Max are phones designed for people who care about the details. The improvements over last year’s iPhones are significant but not obvious at first glance. Just as with the ...

iPhone 13 Pro review: a better display, the best camera, and incredible battery life

GoPro’s New HERO10 Black Camera Delivers Breakthrough Image Quality and Speed with Ease. The Powerful New GP2 Processor Delivers 2X Faster Video Frame Rates and Next Generation Image Quality with ...

GoPro’s New HERO10 Black Camera Delivers Breakthrough Image Quality and 2X Speed with Ease

Apple’s annual announcement unveiled four new iPhone 13 models, including the 13 Pro and Pro Max. Apple also showed off new iPad models.

Apple iPhone 13 Pro and Pro Max cameras — what you need to know

Cameras continue to be one of the biggest differentiators in smartphones, and Apple’s iPhone lineup is no different. Apple says the iPhone 13 and 13 Mini have the company’s “most advanced dual-camera ...

Apple says it every year, but the iPhone 13 cameras do seem much improved

Apple® today introduced iPhone® 13 Pro and iPhone 13 Pro Max, pushing the boundaries of what’s possible in a smartphone. Redesigned inside and out, both models introduce an all-new Super Retina XDR® ...

Apple Unveils iPhone 13 Pro and iPhone 13 Pro Max — More Pro Than Ever Before

Apple’s latest phones have just been launched, but what if you want something a little different? Here are our top iPhone 13 alternatives.

The best iPhone 13 alternatives: 7 phones to consider before you buy

Ford today reveals the new 2022 Expedition, its flagship SUV, for families seeking epic adventures and memory-making road trips. With an expanded lineup of models to choose from, new driver-assist and ...

New Ford Expedition Raises Bar Among Full-Size SUVs with Most Off-Road Capable, Most Powerful, Smartest Expedition Ever

Apple has been granted a patent (number 11,112,582) for a “folded telephoto camera lens system.” It’s one of numerous patents involving a “foldable” iPhone. About the patent In the invention data, ...

Canon has recently released two new cameras, the Canon EOS SDS and Canon EOS 5DSR with 50.6 megapixels. They are said to be ideal for taking pictures commercially or for use in art. With their high resolution and advanced auto focus feature, compared to previous Canon material, they provide users with a great experience when using the cameras for snapping photos. They have been deemed the highest resolution DSLR cameras that have ever been produced.

The use of digital surveillance technology is rapidly growing as it becomes significantly cheaper for live and remote monitoring. The second edition of Digital Video Surveillance and Security provides the most current and complete reference for security professionals and consultants as they plan, design, and implement surveillance systems to secure their places of business. By providing the necessary explanations of terms, concepts, and technological capabilities, this revised edition addresses the newest technologies and solutions available on the market today. With clear descriptions and detailed illustrations, Digital Video Surveillance and Security is the only book that shows the need for an overall understanding of the digital video surveillance (DVS) ecosystem. Highly visual with easy-to-read diagrams, schematics, tables, troubleshooting charts, and graphs Includes design and implementation case studies and best practices Uses vendor-neutral comparisons of the latest camera equipment and recording options

Video cameras must produce images at a reasonable frame-rate and with a reasonable depth of field. These requirements impose fundamental physical limits on the spatial resolution of the image detector. As a result, current cameras produce videos with a very low resolution. The resolution of videos can be computationally enhanced by moving the camera and applying super-resolution reconstruction algorithms. However, a moving camera introduces motion blur, which limits super-resolution quality. We analyze this effect and derive a theoretical result showing that motion blur has a substantial degrading effect on the performance of super resolution. The conclusion is, that in order to achieve the highest resolution, motion blur should be avoided. Motion blur can be minimized by sampling the space-time volume of the video in a specific manner. We have developed a novel camera, called the “jitter camera,” that achieves this sampling. By applying an adaptive super-resolution algorithm to the video produced by the jitter camera, we show that resolution can be notably enhanced for stationary or slowly moving objects, while it is improved slightly or left unchanged or objects with fast and complex motions. The end result is a video that has a significantly higher resolution than the captured one.

Many astronomers are unaware of how to obtain the best results from their telescopes. For those interested in photographing the Sun, Moon and planets, this volume provides the complete reference. This guide is packed with practical tips on how to obtain the highest resolution and provides a wealth of stunning images by the world’s best amateurs, showing just what can be achieved. Individual chapters describe the various types of telescopes, the most suitable equipment to photograph a given subject, and recommend films and techniques in developing and printing. Also given are short biographies of key high resolution astrophotographers, both past and present, and an extensive bibliography of further reading. This guide provides both a wealth of sound, practical techniques and a unique portfolio of Solar System images—an inspiring handbook for any amateur astronomer.

An Introduction to Digital Photomicrography is written for the hobbyist and the neophyte who wants to take pictures through the microscope. The book includes a description of the parts of the microscope; how to use adjust lighting; types of digital cameras; controls for adjusting digital cameras; choosing a video camera and controls for videography.An introductory guide for the hobbyist who wants to take pictures through the microscope, fully illustrated with 88 colour photographs.

Learn how to capture, enhance, and transform your digital photographs taken with any camera, from phones to DSLRs with renowned photographer and teacher Tom Ang. This comprehensive photography companion shows you everything you need to do to start taking exquisite photographs with digital cameras and phones. Beginning with core techniques every photographer needs to master, this updated edition of Digital Photography: An Introduction progresses through a series of 15 projects that encourage you to practice and refine your skills. Quick troubleshooting tips help you fix common image problems, including those related to distortion, color, detail, and backgrounds. Tom Ang also gives expert advice for developing, editing, organizing, adjusting, cropping, and printing images, while an accompanying buying guide helps you choose the right camera, lenses, lighting, accessories, computers, and printers.

Want to match your new Modernist Bread set with your Modernist Cuisine: The Art and Science of Cooking set? We have created a sleek stainless steel case with two removable wedges for cover protection and easy reshelving. A wonderful new look for your library and/or kitchen. Slipcase and wedges only (books not included).

High resolution imaging of artificial satellites can play an important role in current and future space endeavors. One such use is acquiring detailed images that can be used to identify or confirm damage and aid repair plans. It is shown that a 10-m astronomical telescope equipped with an adaptive optics system (AO) to correct for atmospheric turbulence using a natural guide star can acquire high resolution images of satellites in low-orbits using a fast shutter and a near-infrared camera even if the telescope is not capable of tracking satellites. With the telescope pointing towards the satellite projected orbit and less than 30 arcsec away from a guide star, multiple images of the satellite are acquired on the detector using the fast shutter. Images can then be shifted and coadded by post processing to increase the satellite signal to noise ratio. Using the Keck telescope typical Strehl ratio and anisoplanatism angle as well as a simple diffusion/reflection model for a satellite 400 km away observed near Zenith at sunset or sunrise, it is expected that such system will produce> 10? K-band images at a resolution of 10 cm inside a 60 arcsec diameter field of view. If implemented, such camera could deliver the highest resolution satellite images ever acquired from the ground.

Tom Ang’s Digital Photographer’s Handbook, 6th Edition is your ultimate guide to learning how to capture, enhance, and transform your photographs. This best-selling manual outlines key core techniques that every photographer needs to learn, building toward a series of projects you can use to practice and refine your skills so you can show off your images with confidence-every time. Whether you need guidance on how to use a flash or want to remove backgrounds from your image, “quick fix” troubleshooting tips assist you with frequently encountered issues. A buying guide reveals capabilities and limitations of all types of cameras, from phones to DSLRs, so that you can be sure you are getting the most out of your technology all the way through to the printing stage. DK’s richly illustrative design and Ang’s clear writing and direction blend together in this sixth edition of the best-selling Digital Photographer’s Handbook to make stunning results achievable, whether you are a novice or a seasoned professional.

Competition Science Vision (monthly magazine) is published by Pratiyogita Darpan Group in India and is one of the best Science monthly magazines available for medical entrance examination students in India. Well-qualified professionals of Physics, Chemistry, Zoology and Botany make contributions to this magazine and craft it with focus on providing complete and to-the-point study material for aspiring candidates. The magazine covers General Knowledge, Science and Technology news, Interviews of toppers of examinations, study material of Physics, Chemistry, Zoology and Botany with model papers, reasoning test questions, facts, quiz contest, general awareness and mental ability test in every monthly issue.

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