

## The 10 Camera Settings Every Photographer Needs to Know | Erik Kuna

When using Auto ISO and I set a minimum Shutter speed Does that function if I shoot in M mode?by Skip on May 16

Hey Skip, Great Question. So, half yes, half no. If you have Auto ISO on in Manual Mode it will 'try' to adjust the iso to get to your minimum shutter speed but it will not change the shutter speed.

What was the shutter speed for the shot with the boat when the ISO was 6400 ? Bonjour from France 5/16

That shutter was 20 seconds long, just long enough for the light from the stars and Milky Way to be picked up before they blurred with sky trailing

I shoot with Jpeg and RAW on my D750 as I don't know yet how to do post production...if I shoot using both types of file, will the quality of either file be compromised or affected?by Christine Wells on May 16

Nope, if you record both, it records both. Just takes more storage and does take longer to clear the memory buffer to keep shooting at high speed modes.

When shooting with your camera set to auto iso on a canon, will the camera pick the lowest iso possible for a correct capture?by Carolyn on May 16

Yep, it's going to pick the lowest possible ISO to get the exposure based on the shutter speed or aperture selected based off of the metering mode and exposure compensation are configured.

Erik is an awesome instructor! KelbyOne crew is awesome, as always.by rick sammon on May 16

Thanks Rick.

Would love to see Erik's Lunar Eclipse photos!by Dwight\_TN on May 16

Me too! LOL

## Bending Time: Long Exposures, Cinemagraphs and Timelapses | Deb Sandidge

Deborah, do you use any non-Z lenses with your Z9? If so, can you comment if that is economics related. When I say other lenses I am talking about DSLR lenses. by Robert Meyeringh on May 16

Yes, the reason is because the dSLR lens may not be in Z production, such as the NIKKOR 8-15mm fisheye, which I love, and also the NIKKOR 500mm PF. They work perfectly with the Z cameras by use of the FTZII adapter. I have been building m

Happy to see a Crystal Ball. I would love to hear which one you have that is best for photo purposes and some ideas of how you use it. Thanks by Charles Mizelle on May 17

Thank you! They are such fun. I primarily use a set from GetFractals, the Julia filter which features a handle making it easy to handhold. I like them because of the mirrored reflections and how creative you can be with a handheld prism in front of the lens. I use them mostly with a 50mm lens. They are quite beautiful around the holidays, in low light, prisms add that extra sparkle and dimension to your images.

who is the vendor for cinemograph pro and does it work on windows by JohnEspo on May 17

<https://flicel.com/> and primarily for Mac. However, you can check the Amazon app store for Cinemagraph Pro. You can also possibly create them in Photoshop.

Do you shoot Aperture priority or set the shutter manually? by JohnEspo on May 17

I shoot in Manual mode for time-lapse sequences, long exposure and most everything else. I like Aperture priority for bird/wildlife photography.

who makes the "sequence" app she mentioned? by Alan M on May 17

Sequence is available from the App store, <https://apps.apple.com/us/app/sequence/id572525913?mt=12> You can also use Photoshop or Lightroom

Any tips on how you determine what interval you should use depending on what you are capturing. by David Valdez on May 17

It depends on your subject. In a landscape, I generally set the intervals for 2 seconds. If you would like a softer transition between intervals, make the shutter speed longer (use a neutral density filter) At night, with stars, I don't want there to be any interval other than consecutive shots to prevent gaps in star trails, turn noise reduction off. Night shots can be as short or long as you need to be for your subject.

Deborah, where do you set your focal point in time lapse or long exposures? by Robert Meyeringh on May 17

I make a test shot first, double-checking the composition. Generally, I'm using a wide-angle lens and will choose a focal point that will be consistent, and turn off autofocus prior to starting the time-lapse. Generally a third into the frame. If autofocus remains engaged, the video can appear jumpy as the camera focuses and refocuses during the intervals.

Have you ever worked with LR Timelapse? by Dan on May 17

I have LR Timelapse, it's been a while since I've worked with it, it's a great application for time-lapse imagery.

I am confused, what is the difference between Cinemagraphs and time Lapse by JohnEspo on May 17

They are two different applications for different purposes, however, it can be helpful to use them together, especially if you have a short time-lapse. Cinemagraph uses video, slow-motion video, or time-lapse and allows you to reveal specific areas for motion. the blending of the end frame and the beginning frame, the crossfade, is nice to use without having to go to Photoshop.

What was the ND app you used? There seem to be many different ones by JohnEspo on May 17

Yes! There are many. I use NDTimer, NiSi makes one too, I've used NDTimer for years, it's what I got used to and am familiar with.

Which ballhead do you use?by Mary P. on May 17

My favorite ball head is the Really Right Stuff BH-55, I've used it for years, it's rock steady. I have the lighter BH-40. The ball heads need to be able to take salt spray, and the occasional splash, they have been consistently perfect over the years.

Why do you only use a wired cable shutter release instead of a wireless one (I like to use bluetooth one with my Sony cameras)?by Dan on May 17

I also use SnapBridge, an application that pairs my Nikon Z 9 with my iPhone. I feel the wired release is easier and more precise, as I don't need to look at my phone, I'm looking at traffic patterns or waves (i don't want the phone out in the surf, It just keeps my eyes on what's happening around me, I can focus on the shot and reflex with the cable release.

what setting do you use for Picture Control?by Skip on May 17

Great question! That will vary, I generally use a modified Standard, keeping things fairly neutral. For creative shots, I might use Graphite, sometimes Vivid, there are a lot of choices of how the camera will render shots.

Could you tell me the name of your flatmount ND filter system? Thank you.by mcerickson on May 17

Yes, I use NiSi filters, they have been fantastic and they have a foundation kit that is specifically for my NIKKOR 14-24mm lens. I've used quite a few different filters and each company is constantly improving them. Some of the 15-stop filters may not be interchangeable as some have gaskets and some do not, so it's easiest to pick one system and go from there.

Hi Deborah, was I ever relating to the salt H2O in the tripod issues. What is the Light and Blend Mode in Photoshop. I have not heard it referred as Light and Blend Mode. What square Filter do you useby June from Florida on May 17

I have used my carbon fiber Really Right Stuff for years in the Florida surf. I have no issues with salt water, but the sand can create issues, so I always rinse it after use. I have taken it apart and cleaned it out over the years, it does fine. About the Blend mode, it's is Lighen Blend mode, it probably sounded like Light and Blend, my apologies, it's Lighten. I use the NiSi 100x100 size for the 15 stop and the grads are 100x150. I much prefer the glass to resin, I tend to shoot in salty sea air when I'm near the ocean, the glass filters clean easily. I hope that helps!

## What Canon Camera Should I Get Next? | Rick Sammon /Erik Kuna

What is the minimum gear ownership that is required by Canon Professional Services?by Lewis Johnston on May 17

EK: CPS operates off of points to qualify, and the Silver membership requires 10 points which would be a body and a few lenses or a couple bodies and couple lenses. If you have 20 point you qualify for gold which is a couple bodies, a few lenses and accessories like flashes.

RS here: Gold membership costs \$100 per year and requires 20 CPS points – two pro-level bodies like the 5D Mark III and a 5D Mark IV, plus an EF 24-105mm F4L IS USM will qualify. The Platinum CPS membership requires at least 50 points and costs \$300 annually. Essentially, it's a Gold membership that goes an extra mile.

I'm inches away from upgrading my MIII body to a R5. Should I keep my MIII as my backup or get rid of it and get two R5 bodies?by "The" Jake on May 17

EK: Hmm... good question. I think it's all budget. If you can get two bodies that match, it's the best because you always have an identical backup, however, you could look at an R6 as a backup and save little or just keep the mark 3 as a backup while you acquire RF lenses. Once you get enough RF lenses, you'll probably transition off the Mark 3 naturally too.

RS here: I'd go for two bodies that match.

For Rick & Eric - R3 vs R5? R5 seems a great size for travel and megapixels. Love specs for R3 for action. Thoughts? by Daniel\_D from Dallas on May 17

EK: You nailed it, R3 for stuff that moves...Action, Speed, Autofocus and R5 for stuff that moves less like travel, landscape and portraits. I'd go R5 unless you're shooting over 50% of the time in a high action, quick moving, autofocus popping around everywhere in the viewfinder type of environment.

RS here - R3!

@ Rick and Erik: Scott mentioned the R6 yesterday as his favorite due the great sensor (found in the R5 as well). I do mostly travel and landscape photography. Recommendations? by Diane - from Northern California on May 17

EK: Well, technically, the sensors in the R5 and R6 are different, but they're both great sensors. It really comes down to megapixels and video. You're paying over a thousand dollars for more resolution and some crazy high end video features, which are both great if you need them, but in most cases for travel and landscape it's not a game-changer.

RS here - I agree with Erik

I'm deciding between R5 and R6 - I mostly take photos of choir concerts in low lights or stage lighting. Medium movement on stage. Also thinking about getting the cine kit. Is the kit worth it?by Margie on May 17

EK: Both the R5 and R6 will handle that situation great... the R6 will have a slight edge on low light but the R5 allows for more cropping. As for the Cine kit, those are fine too, and if you're going to record more video, the R5 is the more robust video camera.

RS here- again, I agree with Erik

Rick, I own a 5d Mk4, considering selling it to purchase an R6. Thoughts please? Thank you.by Doug Carder on May 17

EK: Sell it while the market is still hot for used DSLRs and buy the R6. It's the future and there's nothing the 5D4 can do that the R6 can't do better.

RS here: go for the R6

Erik and Rick - I have 5 EF lenses for my 5D Mark III. If I were to upgrade my camera body to a mirrorless and buy the adapter you said I wouldn't lose any quality in the lenses. Correct? by Heather Wikoff on May 17

RS here: No loss in quality at all.

What are the advantages/disadvantages of mechanical versus electronic shutters?by Michael Anderson on May 17

RS here: Quiet... An electronic shutter operates by turning the camera's imaging sensor on and off to control exposure. A mechanical shutter uses conventional front and rear shutter curtains located in front of the sensor which open and close to produce the exposure.

Rick, I have a canon 5d mark iv which I love. I am switching to mirrorless. I shoot mostly wildlife and landscapes.I was thinking about the r5 or r6. I do like to crop. Which would you pick and why?  
by Carol on May 17

RS here: I'd go for the R 5, but I have lots of great photos with the R6

## What Nikon Camera Should I Get Next? | Moose Peterson

Moose, do you use BBF?by Janice on May 17

yes I do but I gotta admit, it took a while for me to make it a natural response

Excellent class Moose Peterson. by Robert Meyeringh on May 17

thanks ever so much!

What is back button focusing and how useful is it?by Christine Wells on May 17

Normally, autofocus operation is done by partly depressing the shutter release. Back Button reassigns that function to a button on the back of the camera body. Depending on what you're shooting, it makes no difference to camera operation. Just photographer control.

Out of the Z6ii and Z7ii which in your opinion is the better camera?by Christine Wells on May 17

They are both great cameras doing different roles. The Z 6II I think of as an action camera, the Z 7II the great detail camera.

Great session Moose - so informative. I am a wildlife photographer based in Africa. Currently shooting D850/D810. Have a Z9 n order. My question - what should my second body be?by James Fitzgerald on May 17

Thanks for the kind words and for watching. Well, I went with a 2 Z9 so that would be my first option. Second would be the Z 6II

## Protecting Your Most Valuable Asset: Storage and Backup | Terry White

Terry Technical question, do you recommend Raid 1 or Raid 5by JohnEspo on May 17

**RAID 5**

Terry - Do RAIDs have to be physically connected to your computer, or do they make wireless ones? If they do, are they fast enough that they work well?by Shannon on May 17

**RAIDs can be physically connected or connected to your network via Ethernet. Wireless is too slow.**

Terry, do you use a NAS for your backup?by JohnEspo on May 17

**No, my Drobo backs up to a Seagate 18TB external**

Terry - For a RAID setup which Raid setup is the way to go (i get so confused) Raid 0,1,2,3,4,5?by Cindy M on May 17

**I would go with RAID 5**

@Terry... great presentation! I would value hearing your opinion on using iCloud backup. Currently my photos are on my laptop + a b/u external drive + iCloud cloud storage. Thanksby CharlesMizelle on May 17

**iCloud backup is OK, but caps out at 2TB of storage. Once you exceed that you're done.**

Very Curious about changing computer Environments from PC to Mac? What does that entail with files etc....? by Stephen Brkich on May 17

**It would mean buying the computer and installing the applications, then copying your data over to the new system. It's really not that hard, just time-consuming.**

@ Terry: What do you recommend for traveling ? What is your routine when away from home? Considering bringing my laptop, iPad or external hd... or more than one since editing will also apply.by Diane - from Northern CA on May 17

**Laptop and an External SSD for backup. Also syncing to the cloud at night from the hotel.**

What is the external SSD drive that Terry used to back up his photos via a SD card slot?by Dwight\_TN on May 17

**It is the WD My Passport - <https://amzn.to/3qpJoSS>**

Terry - What was the WD hard drive that you use on trips called? Do you recommend that one the most for trips?by Shannon on May 17

**It is the WD My Passport - <https://amzn.to/3qpJoSS>**

## What Sony Camera Should I Get Next? | Ian Plant

For Ian.. Could you share why you use the A7R4 instead of the A1. I have the A7R4 and love it but considering adding the A1 as a second body. Thanksby CharlesMizelle on May 17(edited)

I use the A7R4 because I shoot primarily landscape photos; I don't need the action photography capabilities of the A1, and the A7R4 has slightly better resolution and dynamic range, so it is perfect for my landscape work. The A1 is optimized for action photography, but it would also be great as a landscape camera. So, you can't go wrong with the A1, but considering its hefty price tag, it might be more camera than needed by most users.

When is Sony going to put focus stacking and in camera HDR in a camera? Every other camera brand, canon, Nikon, Olympus have had these features for quite a while. by Pam on May 17

Great question! Unfortunately, I don't know, but I am waiting for this feature as well.

Can I use E-mount lenses on the APS-C camera?by Pee Wee a.k.a. Pauline on May 17

Yes, you can. Technically, E mount lenses are the ones for APS-C; FE lenses are for full frame cameras. You can use any E mount lens (regular E or FE) on a APS-C body, but the FE lenses might be more expensive and bigger than you need for APS-C (since they are optimized for full frame cameras). I talk about this some in my Sony Lenses class.

Ian, what L bracket do you have?by Dwight\_Knoxville on May 17

I'm using a bracket made by Sunwayfoto, it works fine but some of the side panels are a bit hard to access. There are a number of brands that make excellent L brackets, Kirk and Really Right Stuff are generally considered to be among the best. But, there are plenty other cheaper brands making perfectly fine L-brackets. I'd check user reviews of the L-brackets (if available) to see if there are any fit issues that people report.

Great presentation Ian! Many thanksby CharlesMizelle on May 17

Thanks!

Ian... can you recommend an L Bracket for the Sony A7R4A? Thanksby CharlesMizelle on May 17

I'm using a bracket made by Sunwayfoto, it works fine but some of the side panels are a bit hard to access. There are a number of brands that make excellent L brackets, Kirk and Really Right Stuff are generally considered to be among the best. But, there are plenty other cheaper brands making perfectly fine L-brackets. I'd check user reviews of the L-brackets (if available) to see if there are any fit issues that people report.

## Moving Beyond Ambient Light: Strobes and Flashes | Scott Kelby

Question for Scott. What are some tips you may have for travelling on a plane with a really big lens, like a Canon 600mm f/4? Definitely do not want to check this lens in baggage! by John Dukes on May 16

I recommend a soft-sided case for that 600mm. That way, you can make it fit in most any overhead, even smaller planes. If it's a hard case, you might not be able to make it fit. Go soft for that big lens.

Scott. I am doing water drop and stop action photography in my home studio. I have been using a Godox flash and been having fair results. Would a studio strobe be a better choice. by JohnEspo on May 17

You need a VERY low power amount to freeze the water drops – the lower the power the better the freezing power, so the Godox should actually be fine for that. Just keep it at like 1/64 or 1/128 power, and then adjust your camera settings or ISO to get a bright enough exposure overall.

Scott, when you take your strobes on location, what other supporting gear do you typically bring for portrait shoots? by Matt W. on May 17

Sandbags because we're outside and of course an extra battery or two but that's about it.

What lens is Scott using for the live shoot? by Grumpy Mike on May 17

My go-to lens for portraits - a 70-200mm (I was using an f/2.8 but an f/4 would work as well, since I'm shooting higher than that always).

Scott. not sure how to ask this, but when I think of a strobe light I am thinking a light source that fires at a set frequency, sort of in a burst where you can set the frequency. by JohnEspo on May 17

Ok, John, you stumped me on that one. I just think of it as a light where I can control the location and the direction – that's it. Anything outside that, and I would overthink it. LOL!! :)

Scott, what lens are you using for your photo shoots? by Janice on May 17

My favorite - my 70-200mm f/2.8 (but like I said, I'm not shooting anywhere near f/2.8 so an f/4 would do fine, at half the cost and half the weight).

Scott What is that stand that he is using by JohnEspo on May 17

Hi, John. Are you referring to my tethering setup or a light stand?

would love to see this exact class outdoors with Scott by MSPORSCHÉ on May 17

It wouldn't look a whole lot different. I would use the same exact equipment. The only single change I might make, depending on the time of day, is to raise the f/stop a stop or two to make the ambient light a bit darker, but outside of that, it's the same equipment and same techniques whether I'm inside or outside – Just that one tweak to the f/stop. Oh, one more thing – you wouldn't see this, but I would add a small piece of orange gel over the flash or strobe, so warm the light for outdoor shooting. You just tape it right over the flash head, or in front of the strobe. Of course, once we put it over the flash, you wouldn't see it, but you would see it in the results.

How would you best measure your light reading outside when using a strobe for headshots? by Cyndi on May 17

I don't use a flash meter at all (I have three - I just don't use them). I start with my strobe or flash at about 1/4 power, take a test shot and then look at the image on the back of the camera. If it looks too bright, I turn down the power a bit and take another test shot. It takes about 60-seconds to dial in the right amount of light, but it's usually in the range of 1/8 power to 1/4 power outdoors.

Hi, Scott, If you were shooting a wedding and wanted to shoot say a bride and groom together, or multiple family members together, how would you position the strobe/speedlight? by Francis Montone on May 17

If it's just the bride and groom, just like I did in the class. If it's multiple family members, then I would move the softbox back about 10 feet and turn up the power. That way, everybody gets lit evenly. If you keep the softbox too close to a group, the person closest to the softbox will be the brightest, then the person farthest away will be the darkest, so the lighting looks uneven and funky. When you move the light back like that, the light doesn't fall off, so everybody gets the same amount of light. It's not a pretty, shadow wise on the face, but overall it looks a lot better.

Scott, what ballhead are you using on your tethered setup?by Amanda on May 17

That is called "overkill." LOL!!! It's a Really Right Stuff BH-55 that's really too large to use for everyday use, so I stuck it on there. It's WAY more than I need (I do like their BH-40 though, which is much smaller).

Scott, you answered my stand question at the end of the presentation. thank you by JohnEspo on May 17

You bet, John. :)

## Hit The Ground Running- With Essential Gear for Getting Great Shots | Rick Sammon

When I am shooting birds with animal eye tracking, sometimes it focuses on a branch or other. How can I quickly force it to focus on the bird (before it flies off!)by Wendy B on May 17

No sure why that happens. It should focus on the eye.

For Rick Sammon... great tip to photograph your gear for insurance purposes. Who do you recommend for gear insurance? Thanksby CharlesMizelle on May 17

I don't recommend insurance companies. I'd check around. It might be covered on your homeowner's insurance, or get a floater.

Rick, Switching too mirrorless Canon R5. I have the Canon EF 100-400mm f/4.5-5.6L IS II with ef 1.4 extender III. Would there be any benefit to getting the rf 100-500 or better off using EF lens comboby Carolyn on May 17

The 100-500 can't be beat!

What bags do you use Rick?by Christine Wells on May 17

That was a thinkthank bag but I now use Tenba bags.

Rick Sammon, which bag do you use? It's Think Tank, right? Which model?by Sonia Miranda on May 17

I now use Tenba bags. That was a thinktank

what is the name of the stickers?by DBSwimmer on May 17

[Moo.com](#)

For Rick Sammon: Of all the equipment that you pack for camera and lens cleaning I notice that you do not have a camel hair brush to clean your equipment with. Is there a reason?by Robert Meyeringh on May 17

I use a blower and a cloth. Microfiber cloth.

Rick, what is the name of the small HD you carry in you camera bag?by Susan on May 17

Delkin Devices Juggler.

@ Rick: What as the name of the card readers that you use? Also, what was the "safe traveler" card that you referred to?by Diane - from Northern CA on May 17

Delkin Devices. I meant to say Known Traveller.

## Designing a Kick Butt Photo Workstation | Terry White

TerryWhiteGear: Thanks all, here's a link to my gear guide: <https://express.adobe.com/page/2GBjX0OKO7Ak5/>

Terry-If I set up a RAID system, does the operating system assign a drive letter AND if I then use say R Drive Image 7 to backup will the image it creates include my RAID drive?by Cindy M on May 17

Yes and yes.

Where is the best info on setting up backblaze to back up my ssds that I operate from?by Kiwi Brian on May 17

[https://help.backblaze.com/hc/en-us/articles/1260804002669-Beginner-s-Guide-to-Personal-Online-Backup?\\_ga=2.80832405.380197441.1652817548-1173186941.1652387734](https://help.backblaze.com/hc/en-us/articles/1260804002669-Beginner-s-Guide-to-Personal-Online-Backup?_ga=2.80832405.380197441.1652817548-1173186941.1652387734)

Terry why do you NOT have a tower anymoreby MSPORSCHÉ on May 17

Because for what I do now it's no longer required. My laptop is powerful enough now.

My laptop doesn't have as many ports as I need. Is there a high performing hub with a good selection/number of ports that you recommend?by Cindy M on May 17

Yes, if your laptop has Thunderbolt, then I'd go with this one: [https://www.bhphotovideo.com/c/product/1512889-REG/belkin\\_f4u109tt\\_thunderbolt\\_3\\_dock\\_plus.html/BI/2167/KBID/2909](https://www.bhphotovideo.com/c/product/1512889-REG/belkin_f4u109tt_thunderbolt_3_dock_plus.html/BI/2167/KBID/2909)

If it only has USB-C then I'd go with this one: [https://www.bhphotovideo.com/c/product/1536154-REG/iogear\\_gud3c02b\\_dock\\_pro\\_100\\_usb\\_c.html/BI/2167/KBID/2909](https://www.bhphotovideo.com/c/product/1536154-REG/iogear_gud3c02b_dock_pro_100_usb_c.html/BI/2167/KBID/2909)

Terry how often do you purge your LRC cache or do you ever purge itby JohnEspo on May 17

I don't purge my LrC cache. I optimize the catalog.

Terry, can you recommend which model MacBook Pro? Mostly photos with some videoby Wayne on May 17

MacBook Pro 16" M1 MAX, 32GB (64GB RAM is better) and as much hard drive space as you want/need.

## Backpacks, Camera Bags and Case, Oh My! | Larry Becker

Larry Becker, does the sling strap work when hiking with a backpack?by Dwight\_Knoxville on May 17

The RapidStrap that I was using is ambidexterous and it works while wearing a backpack. You just need to make sure the strap goes on after the backpack for best results.

Larry - so which of the new backpacks is your favorite?by Gabe on May 17

Of the bags I used in the class, I prefer the Lowepro ProTactic BP 450 AW II Camera and Laptop Backpack. Of everything available on the market today, I think I'd go with one of the ThinkTank backpacks that also has wheels so you can carry it either way.

Larry, which Think Tank roller bag do you have and will it fit in the overhead bins?by Christine Wells on May 17

I have the International Traveler V2.0 (and older model) which is now available as the Think Tank Photo Airport International V3.0 Carry On. It has fit in the overhead of MOST commercial planes.

Larry, do you have a recommendation for a storage bag/case at home?by sfears on May 17

Actually I have several bags including a backpack and the ThinkTank travel roller I showed in the class session. At the house I keep those bags loaded with the gear I frequently take on shoots away from home, but I have TONS of additional photo gear like stands, reflectors, strobes, and more. I keep most of my stands in that hard-side golf bag thing, and I keep most of my other gear in storage boxes on shelves in my home studio/office. Not cardboard boxes. I use matching boxes that are stiff fabric boxes you can find in the home storage section of Target or Walmart.

## The Essential Gear for Action, Sports, Wildlife and Aviation Photography | Scott Kelby

why is Nikon 100-400 mm so much more than a cannon? by DAVY on May 17

Fair question. Sony's are even more expensive - I'm not sure why certain manufacturers price their lenses the way they do. They're driving people to Tamron and Sigma, and those two companies are building their best lenses ever, so it doesn't make sense.

Scott, I have an RF 100-500 and the Tamron 150-600. In order to get closer with a 1/4x extender, the best I can do is f/10. Am I better off with the Tamron and an adaptor? by Wendy B on May 17

It depends on what you're shooting to some extent. If you're shooting sports and you want that nice separation from the background, a lower f-stop, like f/6.3 would certainly help, but again, f-stop isn't the main factor – it just helps. BTW: If it's sports you're shooting, unless you're shooting the outfield for baseball on a college or pro field, a 400mm will do the trick – a 600mm is too hard to keep fast-moving players in the frame.

are we going to see the bag Scott likes by MSPORSCHER on May 17

For sports I used a Think Tank Photo Airport Essentials (the large one) rolling bag. I also put really long lenses in a separate soft case in case I have to fly in a smaller commuter jet, because those Canon and Nikon lens cases won't fit in many overhead compartments of smaller planes.

Scott--I have a Z9 with built in image stabilization if it is on do I need to turn off the VR on the lens? by Skip on May 17

Hi, Skip. Unfortunately, I have no idea – I haven't run into that situation so far. Wish I could have helped more on this one.

Lens Question for Scott. Thoughts on IQ...Preference....Canon RF 800mm f/11 STM vs Sigma 60-600mm f/4.5-6.3. While the Canon is not a "L" lens....is the IQ better than Sigma zoom? Thank You. by Daniel\_D from Dallas on May 17

I haven't compared the two so it's hard for me to say, but both Sigma and Tamron are making incredible lenses these days.

Question for Scott. Understand shut off of IS for tripods....but monopods also? Not certain I am perfectly still with my monopod. Thoughts? Thank You. by Daniel\_D from Dallas on May 17

Yes - if you're doing something to stabilize your camera I would turn off the stabilizer.

Scott, why do you suggest AV mode for jets and Shutter mode for prop planes? Confusing! And why on the jets are you shooting in an F-8 at an ISO 100 versus props at F-11 to F-16 in Shutter Priority? by Robert Meyeringh on May 17

You could shoot both in Shutter priority mode I guess, but I don't worry about shutter speed shooting jets in the day – it's usually around 1/2000 of a second or higher, so with AV mode I only choose the f/stop and the camera takes care of shutter. I only even pay any attention if it's really overcast. However, on prop planes now the shutter speed is the main concern, it's the "Priority" so I shoot in Shutter Priority.. I could certainly shoot the jets at f/11, but I wouldn't shoot them at f/16 because on most lenses f/11 will be sharper. But of course, if you've got a different set of settings that you feel work better, you should go with those. :)

Scott, thinking Nikon lenses, for sports, your thoughts about shooting with a 200 to 500 mm 5.6 lens coupled with a 1.4X multiplier, if there is one for that specific lens? by Robert Meyeringh on May 17

Unless you're shooting baseball on college or pro field, you'd be too close for most action sports. Like I said in the class, 400mm is kind of the sweet spot, but you're already at 500mm before you add the teleconverter. I think I'd skip the converter and go with what you've got. That 500mm is plenty of reach for nearly all sports. :)

## Continuous and LED Lighting: What You See is What You Get! | Mary Bel

Mary Bel- What are the manufacturers of the LED panels that you showed?by Lewis Johnston on May 18

The small LED Panels I demonstrated were Pixel G1s rbg video Light. I also showed the Pixel G3 rgb video light.

What app did you use for the pavo tubes?by East Tennessee Don on May 18

The app I used to control the Pavotubes via Bluetooth, is called "NANLINK."

## How to Pick the Right Canon Lenses for You | Rick Sammon & Erik Kuna

Thanks Rick. As wonderful presentation as always. Any recommendation for a vest like yours??Thanksby Dror on May 17

I'm sorry, I can't find a vest as much as I like as that one.

Rick, what macro lens do you useby JohnEspo on May 18

I'm switching to the Canon RF100mm macro.

Rick/Eric. Is there any loss in quality if you use a EF lens with an adapter on a R5 or R6by JohnEspo on May 18

No loss in quality - as there is no glass in the adapter.

EK: Agreed, no loss in quality for me as well.

For Erik....Question on the IQ for the RF 600 & RF 800. Is there a noticeable difference in IQ say vs the RF 100-500 L. Or is another option to add a 1.4X to the 100-500 and still obtain good IQ.by Daniel\_D from Dallas on May 18

So, assuming we're talking Image Quality, and if so, there is not a noticeable difference until you really start to look for it. The 1.4x extender can be used with the 600, 800, and 100-500 and I haven't found much noticeable difference in quality, but the extender on the 100-500 just limits you to 300-700mm.

@ Erik @Rick Curious as to what the differences are between a true crop sensor and just going into crop mode on either the R6 or R5 for that extra reach? by Stephen Brkich on May 18

Well, technically there's a little different but from a practical application not much. Obviously, when you crop a full sensor, the thing is you're technically just cropping in the pixels, so it's lower resolution.

E/R can you are there any lens that you cannot use a teleconverter on? I have a 27 to 70 and I find that my teleconverter does not workby JohnEspo on May 18

It depends. :-) Even if the teleconverter does fit, it may not allow the lens to autofocus. I'd check before you buy.

EK: Agreed, it's usually limited to telephoto lenses over 70-100mm but not all. Again, like Rick mentioned, I'd check first.

E/R if you wanted to use prime lens, what would you useby JohnEspo on May 18

Some portrait photographers like prime lenses because they are "faster," have wider apertures and blur the background more. You can often get closer with a prime lens, too.

With me, I use a prime when I need a fast lens, like f/2 and f/1.8 or so for mllky way since the primes are usually more affordable and at a higher quality for the price.

Can you discuss the IS modes on the lenses-Hi Rickby Claudia Cohen on May 18

Image stabilization reduces human camera shake - so you can shoot at slower shutter speeds and still get a sharp shot.

What Rick said! :-) It's all about reducing camera shake when you're not using a fast shutter speed.

Erik and Rick- On the EOSR you can switch from full frame to a 1.6 crop/aspect ratio for more reach. Does this have any effect on quality or other factors??by Mark in Dallas on May 18

It's just cropping in camera, it just crops in the sensor 1.6x and gives you .6x less pixel data and smaller file sizes. That's really the advantage, a smaller file size if you know you just need the reach.

## Keeping it Steady: Tripods, Support and Stabilization | Gabriel Biderman

Gabriel, I have a Sirui. It is carbon fiber and relatively compact, someone light weight, and economical. I had a Gizo and actually prefer this one. It allows my great height with full size features by Robert Meyeringh on May 18 (edited)

Sirui is making some really full-featured tripods. They also excel at compact travel tripods and monopods. My one suggestion is just to watch out for the Sirui and other tripods that have a double or triple center column. Those will not be stable and should only be used in a pinch. I'm thrilled that you found a tripod that matches your height and needs - that is the goal!

Which tripod would be recommended for a platyball? by Sylvia Rowe on May 18

Sylvia - The Platyball will universally fit any tripod. So look for a tripod that matches your budget as well as your height without the center column extended and add 8". That will compensate for the Platyball, camera and your eye height.

Gabriel - how do you suggest that I securely attach a Tamron 150-600 to my tripod. Should I use a longer plate? Maybe attach a separate plate to the lens and attach that to the tripod ball head plate by LPAllen\_CT on May 18

If you have the G2 version of the Tamron 150-600, then you are in luck. It comes with an Arca-Swiss compatible foot. So when using that lens or any long lens that is 70-200 or longer - attach the lens via the tripod collar and foot around the lens to the tripod. Most other long lenses do not come with an Arca Swiss tripod foot and you'll have to buy a 3" Arca plate like ProMediaGear's Universal 3" Arca-Type Quick Release Plate to connect for a better balanced and connected set up.

People talk about buying ball heads, but I've never bought one. I have a MeFoto Roadtrip S. What would be the benefit of getting a different ball head to go with it? by Shannon on May 18

The Mefoto RoadTrip S actually comes with a ballhead that perfectly matches

What was the link for the tripod ebook? by Amanda on May 18

[npan.co/tripods](http://npan.co/tripods)

Gabe, I tried to download the ebook from npan.co as you described, but got this "Warning: This URL has been blocked by Bitly's systems as potentially harmful." There was no way to get past this. by Dan Galender on May 18

It should be working - I tested it in Chrome no problem. We do some more thorough testing to see if there is a glitch somewhere - but other people have downloaded it at the conference.

## How to Pick the Right Sony Lenses for You | Ian Plant

Ian, what is the purpose/use for the Sony PZ lenses?by Susan on May 18

PZ stands for Power Zoom, which allows you to zoom using an electronic button rather than physically twisting the zoom ring. PZ lenses are probably best thought of as being useful for video, where smooth zooming is required.

I'm trying to decide between the Sony 100-400 and the 70-350. I am concerned about weight since I mostly hike. Does the extra 50mm in the 100-400 really make a big difference. Anybody have opinions?by Shannon on May 18

I'm assuming you are using a Sony crop sensor (APS-C) body. If that is correct, the 70-350 is going to be much lighter (the 100-400 is optimized for full frame, so it is bigger and much heavier). The extra 50mm might make a difference based on your intended subject, but 350mm on an APS-C sensor with the crop factor is a pretty long focal length (525mm equivalent), so that is very long and enough for many applications. If you are planning to shoot a lot of small birds, for example, you might want a longer focal length. So, it depends a lot on what you are planning to photograph,.

Ian, any recommendations for non-Sony e mount lenses?by Susan on May 18

I personally like and use lenses from Tamron and Laowa. Note that the Laowa lenses are all completely manual (manual focus and manual aperture), so they are not as easy to use. I love the Laowa 9mm for full frame cameras, it is an incredibly wide focal length not matched by any other full frame lens that isn't a fisheye. Sigma also makes great lenses for Sony, but I haven't personally used them.

Ian - I am also wondering about the Tamron 18-300 for hiking. Would you recommend it?by Shannon on May 18

I haven't personally used this lens - I'm a full frame shooter and this is for APS-C cameras - so I don't know much about it. With these "all-in-one" zooms you get great flexibility at relatively low cost and weight, but you won't necessarily be getting the highest optical performance. I think this lens is no exception - I think it is a perfectly fine lens as a walk-around lens, but if you are a pixel peeper who finds lens resolution to be very important, this lens probably won't stand out. If you are looking for portability paired with artistic flexibility, this lens will serve you well.

Do you find the image quality of the Tamron 150-500 lens comparable to the Sony 100-400 and Sony 200-600 lenses?by Dwight on May 18

The Sony 100-400 is a bit sharper overall than either the Tamron or the Sony 200-600. Which is not surprising, as it is more expensive than either. I think the Sony 200-600 is a great alternative to the Tamron, as the range and optical performance are similar. Going to 600 instead of 500 is a bonus. So, depending on your subject matter, you might only need 400mm, or you might need more reach. I think that will ultimately be more important than the optical quality, but if optical quality is your primary concern, the 100-400 edges out the other two. But, they are all solid performers.

## The Essential Gear for Portraits, Wedding and Headshot Photography | Scott Kelby

Scott, what settings are you using when shooting F-1 racing? Same as you indicated for shooting jets in airshows? Also, when and why do you shoot in Shutter mode instead of Shutter mode?by Robert Meyeringh on May 18

Yes, exact same settings. :). What would I gain by shooting jets or cars in Shutter Priority? Auto ISO is automatically taking care of my shutter speed for me.

Scott, I have another question. what settings would you use to shoot a hunting scene (bird wing shooting) or a skeet and trap shoot? Aperture mode at F11 to F13 at a 1/500?by Robert Meyeringh on May 18

I haven't shot skeet or trap (well, I have with a rifle but not with a camera - LOL), but if I had to guess I'd be in AV mode, 1/1000 of a second (since it's moving fast), and probably f/4 or wide open at f/2.8 to get enough speed to freeze and some separation from the clouds behind. Again, that's what I would think, but I would adjust those settings if it wasn't working.

Scott, what do you think of the Nikon 105 macro compared to the 85 mm.by Robert Meyeringh on May 18

I've used the Nikon 105 Macro for portraits and it's great. it has a little different look than the 85mm, which kind of has its own signature look, but I sure like that 105mm.

Scott, do you know which Nikon mirrorless has the animal eye auto focus feature?by Janice on May 18

I know the Z6 has it, but it came in a firmware update, so if you have an older Z6 make sure you do the update. I have to imagine it's also in the Z7 as well, and probably the Z9.

Scott, in portraits of two to four individuals, where is the best focal point. What is the best f stop? Though I rarely do portraits, I was volunteered to take the awards banquets portraits. by Holly Elmore on May 18

I would aim at the person's eye closest to the camera. If there are two rows of people, aim at an eye in the first row. At an event like that banquet, your f/stop will probably be determined by how much (or how little) light is available in the room where you're taking the shots. My guess is, that you'll be shooting wide open (at the lowest f/stop your lens can go) because these events seem to be rarely well lit.

What is the diffuser/reflector part?by Mark O'Connor on May 18

It's a Westcott 5-in-1 collapsible reflector. It's four reflectors and one diffuser. It's around \$30.

What is the specific gray card you used?by Robert Lederman on May 18

That was a Lastolite pop-up collapsible gray card (you can find them at B&H). Get the smallest size they offer (a bigger one won't make a difference).

Does eye focus work on group pics?by Dorrie on May 18

It's going to the eye closest to the camera, which is what you want. :) If they're all the same, it will randomly snap onto the first one it finds (well, at least that's what it seems like it's doing).

Scott--Great presentation on action/sports but you left me scratching my head. You said 1/1000 sec was the minimum to really freeze the action but the you use Aperture Priority?? Why not use Shutter P?by Skip on May 18

What would I gain by using Shutter, since Auto ISO is already choosing my shutter speed? If I shoot in Shutter, my shutter will be stuck at 1/1000, right? But with Av and Aperture priority, if the light allows, I get a much higher shutter speed, maybe 1/2000 or more.

Scott - You say RF lenses are sharp because on mirrorless cameras they are closer to the sensor. Will my current EF lenses also be sharper when an adapter is used to put them on an R body?by Michael Anderson on May 18

Unfortunately, no. The adapter keeps your EF lens further away from the sensor. :(

Scott, you talk about the 85 mm F-2 lens as being your favorite, any thoughts about the Nikon 105 mm F-2 or the Nikon 60 mm F-2.8 for the same purpose?by Robert Meyeringh on May 18

I've used the Nikon 105mm macro for portraits and it's great. I wouldn't use a 60mm - it's too short, and outside what is referred to as a "portrait lens" range. So, yes on the 105mm, and "I wouldn't" on the 60mm.

## The Essential Gear for Travel and Landscape Photography | Karen Hutton

Karen, I loved your brimmed hat in one of your opening pictures. What brand is it?by Cancer Free! on May 18

It's a Tilley LTM6 Airflow hat. I LOOOOOVE it! Best all-round chapeau I've ever owned. Machine wash. #winning!

Karen, the plastic snap on frame for your GND is that the same make as the filters?by Christine Wells on May 18

Yes it is. LucrOit made the whole dealio. I think they've got a starter kit which includes the snap-on frame and of course sell all the individual parts too.

Karen. You show two clamp on your tripod, what was the second clamp that you connected your ball head to>by JohnEspo on May 18

It's simply another RRS lever release clamp. I use one for my camera, the other for the ballheads.

What tripod model and head do you recommend for landscape photography for someone 5'9 and to take on short hikes? Thinking of getting a Peak Design for travel and a second one for landscape.by Mike from Sydney on May 18

Well, as we know, it's a very individual choice. I can only speak for myself when I tell you that the one I showed in my class weighs about the same as the Peak Design and is what I typically carry for both hikes and landscape. I figure if one can do both, why complicate things? That said, I think RRS actually makes an ultralight now, which I have not yet looked into yet. Head-wise, though I do own a BH-55, I'm using my BH-40 for everything nowadays, including Fujifilm's X-Series, GFX 50 & 100 medium format cameras and all lenses. Has been totally solid for me.

## Building a Creative Home Studio without Breaking the Bank | Gilmar Smith

Gilmar, what size are the V-flats that you showed - they had patterns on them and looked like about 30 x 40?? Do they come from the same company as the V-Flats that open up to 40 x 80?by Dianne\_A on May 18

Thanks for watching Diane! They are called Duo Boards by VFlat world. They are double sided and come in different colors and textures. <https://vflatworld.com/pages/duo-boards-photography-backdrops>

Gilmer, please give details on the Boards. B&H did not give a link when requested.by Holly Elmore on May 18

Hi Holly, thanks for watching. They are Duo Boards by VFlat World. <https://vflatworld.com/pages/duo-boards-photography-backdrops>

Gilmar, what size soft box is your basic one?by Dianne\_A on May 18

It's a Rotalux Deep Octa 100cm, 39"

Gilmar, what is the brand/model of the fan/hair blower that you showed?by Dianne\_A on May 18

It's called NiceFoto SF-05 Wind Hair Blower Fan. You can find it on amazon. I love it, but be aware it's a little heavy!

At the end, Gilmar, you talked about an online resource to help simulate various lighting setups given the size of room that you have and the type of photography. What is the website?by Dianne\_A on May 18

It is called Elixir Set A Light. It's a wonderful software. It replicates light, so it's a fantastic tool to learn light, pre plan sessions and even to teach lighting. You can also get lost for days there playing with light and getting inspired by light set ups by the community members.

## The Dark Side: Essential Gear for Milky Way and Astrophotography | Erik Kuna

Do you use long exposure NR in your camera for astrophotography?by David Valdez on May 18

It depends, but for the most part, no. I do when I need the file quicker and don't want to do noise reduction in post, but 9/10 times I wouldn't and just do it in post with Stacking or Noise Reduction software

Erik--rather than blending 2 shots in Photoshop--which I hate--can you make you shots using Multiple Exposure in camera?by Skip on May 18

It's hard because the stars move between exposures so using a stacking method in camera does produce some problems. Best thing is a multiple exposure without moving the camera and just blending via a blend mode.

Erik, can you list what apps you use for planning and how do you figure out how much time you need to set based on ISO and Aperture. by David Valdez on May 18

PhotoPills, Google Earth, 500px/Instagram, Sky Guide/Stellarium, Weather Apps... In dark skies, it's kinda robotic, it's wide open, high iso and just long enough not to blur the stars. I use the NPF rule and just round down.

## Photo Apps and Accessories for Your Phones and Tablets | Terry White

Terry's Photography Gear Guide: <https://express.adobe.com/page/2GBjX0OKO7Ak5/>

For Terry: Do you recommend upgrading my older iMac that has a Fusion Drive to one that is all SSD? I'm concerned about my home setup, even though I have back ups on 2 on and offsite external drives. by Hali Helfgott on May 18

I would move off that Fusion drive to an SSD as fast as possible.

Terry, what are PSD files? In one of the last classes, I purchased the ON1 plug-in package. Effects & No-Noise convert my DNG files into PSD files. Is this OK?by Holly Elmore on May 18

.PSD stands for Photosop Document and supports all the features in Photoshop including layers. There is no loss in quality. DNG/Raw is NOT a working format, PSD is.

I like the idea of having all my photos on all my devices. If I wanted to do this, will it take forever to upload photo smart previews from LR Classic? I have 50k photos.by Gail King on May 18

I can't answer that without knowing your internet connection/speed. It will take as long as it takes based on your upload speed and number of photos.

I use a tablet on my Mac. If I edit on LR Mobile, can I use an Apple pen on LR on my iPad?by Gail King on May 18

Yes you can. Apple Pencil works great in Lr on iPad.

Terry - If I sync my Lightroom Classic photos with my iPhone, do they take up memory space on my iPhone?by Shannon on May 18

I have 64,000 images in the cloud. There's no way that would fit on my iPhone. Lr manages which photos are actually on the phone based on the ones you're actually using/working on.

Terry. I use LR on my surface. can I do the same types of edit as you can on the Ipad?by JohnEspo on May 18

Yes you can.

Terry, If I was traveling and shooting with my full sized camera, how would I get my photos to my iPad without uploading the SD card to my computer first?by WendyB on May 18

By uploading directly to the iPad from the SD card and a card reader attached to the iPad.