

New Products

Nauticam NA-Z50II housing for Nikon Z 50 II



The Z50 II is Nikon's follow up to its inaugural DX (ASP-C) sensor mirrorless camera that shares the new Z Lens Mount with their full-frame Z cameras. The Z50 II features several notable improvements over its predecessor especially in the video-capture and auto-focus categories.

The Nauticam NA-Z50II is designed to work exclusively with the versatile Nikkor Z DX 16-50mm lens featuring a fixed flat port that is compatible with our powerful WWL-C wide-angle wet optic and CMC-1 macro optic via the pre-installed bayonet-mount system. The NA-Z50II's form-fitting style and intuitive control placement make the system ideal for the traveling photographer that demands a reliable and portable

underwater imaging platform.

The compact nature of the Nikon Z50 II is translated directly into the design of the NA-Z50II. Compared to the NA-Z50 housing for the original Nikon Z50, the NA-Z50II is built around a clamshell closure that allows for a drop-in installation of the camera with no tray necessary.

For video shooters, the Nikon Z50 II maintains separate exposure settings in Still and Video modes and switching between the modes is done via a convenient switch which is easily accessed on the top of the NA-Z50II housing. With extensive Auto ISO controls, the NA-Z50II is an ideal platform to create video content with the Z 50's UHD 4K 60p/30p or HD 120p capture.



Dimensions 290mm (W) x 146mm (H) x 156mm (D)

Weight in air 1.95kg

Buoyancy in water -0.49 kg (incl, camera, lens and battery)

Depth Rating 100m

www.nauticam.com

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- provide ample focus distance for different sizes of subjects
- improved optical performance

Mid-Range Focus Optimizer 1

Super Macro Converter 3



**81203
SMC-3**

2.3x magnification



- The SMC-3 weighs only two-thirds of the SMC-1
- Superior Optical Performance
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- Increased Working Distance

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**17342
NA-R1**

Housing for
Canon EOS R1 Camera

Nauticam
Innovation underwater

*photo by Dr Alex Mustard
www.nauticam.com

TRT Electronics Smart 2+

Those who follow TRT Electronics products on social media may have already seen the new SMART 3 trigger, but today, I would like to introduce the newly released SMART 2+.

Now, we are launching a SMART update because a new trend has emerged in the underwater strobe market.

Instead of built-in optical TTL, these strobes feature a unique flash control system that enables much more precise exposures. We believe this method will be widely adopted in the future, as it eliminates issues related to LED brightness and works flawlessly even with lower-quality optical cables.

The AOI Ultra InTeli Strobe PI TTL control has been integrated into our NIKON and SONY triggers.

The Olympus version, we have added an HSS limit adjustment option while ensuring that it runs perfectly in AOI RC mode. The SMART 2+ is a new trigger with updated firmware, meaning that older i-TURTLE 2 SMART and s-TURTLE 2 SMART models will not be compatible with the new strobe.

Summarizing: The AOI feature



has been introduced in the setup software of the i-TURTLE 2 SMART+ (Nikon) version. On the strobe, the TTL system should be set to SONY, and our Nikon trigger can control it accordingly.

The s-TURTLE 2 SMART+ list has also been updated to include this strobe model, allowing SONY users to utilize this system as well.

Meanwhile, the o-TURTLE 2 RC SMART3 operates this strobe in RC mode and has received a new feature that enables it to automatically switch to High-Speed Sync mode when the HSS limit set in the setup program is reached.

We have more innovations planned for this year, so be sure to follow our Facebook and Instagram accounts!

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www.trt-electronics.com

www.uwpmag.com

BACKSCATTER MINI FLASH 2



THE
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Backscatter Smart Control Optical TTL Flash Trigger Review & Setup Guide



The Backscatter Smart Control Optical TTL Flash Trigger provides super-accurate, automatic flash exposures with Olympus/OM System and Sony cameras using Backscatter strobes. The Olympus/OM System trigger is TTL compatible with the Mini Flash 2 and Hybrid Flash, while the Sony trigger is TTL compatible with the Hybrid Flash. The Backscatter Smart Control Optical TTL Flash Trigger is more than just a TTL trigger, it also can be used for manual triggering, rapid firing over 30 frames per second, and HSS (high speed sync), all built into a self-contained USB-C rechargeable unit.

The Backscatter Smart Control Optical TTL Flash Trigger has three different models, two universal types for Sony and Olympus/OM System cameras, and one for Nauticam full-frame Sony housings.

Underwater systems utilize different methods to achieve TTL through a camera, housing and strobe, including hardwired TTL, digital optical TTL, and S-TTL (slave or mimic TTL). The Backscatter TTL trigger uses a digital optical system in the form of Smart Control Optical TTL, which is a proprietary TTL system, to achieve accurate results.

The Backscatter Smart Control Optical TTL Flash Trigger features a hot shoe connector, a USB-C port, a power switch, and a battery indicator button. Two LED lights display status and battery level. The status light blinks blue when the trigger is on, while the battery light blinks green 1-5 times to indicate battery level (5 blinks = 100% battery power, 1 blink = 20% battery power or less).

www.backscatter.com

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OLYMPUS E-M10 IV



Issue 143/15

Chasing M2 Pro Max ROV Retra Maxi Strobe



Chasing M2 Pro Max ROV
Stronger Power, 3 Knots Speed | Up to 5 Hours of Battery Life | Unlimited Battery Life with AC Power | More Advanced Exclusive Accessories | Depth Rating 490ft / 150m | 4K UHD EIS Camera

Chasing M2 Promax ROV
Standard Set Includes: ROV, Remote Controller, 300WH Battery, E reel, 200m Tether & Hard Carry Case.

Chasing M2 Promax ROV
Advanced Set Package includes: ROV, Remote Controller, E- Reel with 200 Meter Tether, 128G SD Card, 300Wh Battery x2 & Hard Carry Case.

Chasing M2 Promax ROV
Professional Set Package includes: ROV, remote controller, 128G SD Card, shore based power supply (200M) & hard carry case.

www.alphageouk.com



With a Guide Number 46 and an optional built-in 6000 lumen ultra-wide video light, the Retra Maxi is the most powerful underwater strobe and video light combination ever made!

Pre-order now! Shipping is expected in early May 2025, with exact dates to be confirmed by the end of March 2025.

If you have a diving trip planned before then, feel free to reach out to us. We'll be happy to explore alternative options with you.

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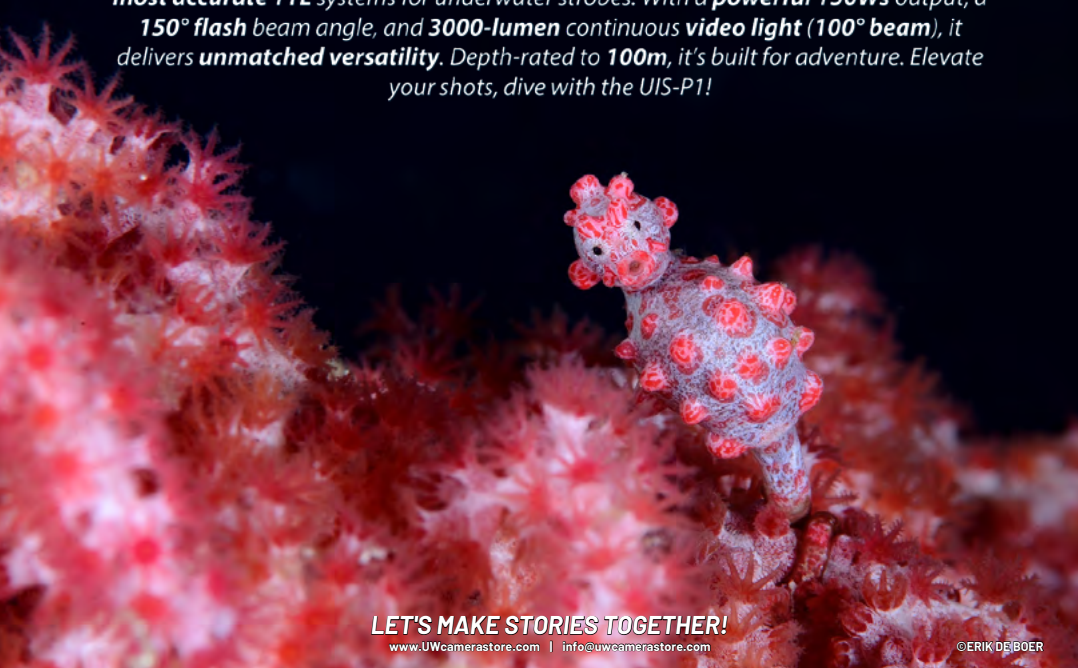
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Isotta Housing for RED V-Raptor X Cinema Camera



In a surprising move, Isotta has unveiled its first housing for a pro cinema camera—the top-of-the-line V-Raptor X. Featuring the flagship DSMC3 modular body, the V-Raptor boasts an 8K VV 35.4-megapixel global shutter sensor offering 8K/120p and 4K/240p recording and 17+ stops of dynamic range. Previously sporting an adaptable Canon RF lens mount, the camera is now also available with Nikon's Z mount for even more lens flexibility.

Hewn from aluminum, anodized and painted signature red, the Isotta housing for the RED V-Raptor X looks to be an impressive piece of kit. Sporting Isotta's classic single-handed open/close knob and built around the company's B120 port system, the

housing features a back that is entirely detachable from the front, and a lockable tray, allowing for easy insertion of the camera. All buttons and removable parts have double O-ring seals, and there's a moisture sensor with LED indicator fitted as standard. As well as three M16 ports, there are two M24 ports, allowing straightforward connection of a monitor such as the Atomos Ninja V+. There's also a full complement of M6 holes for attaching brackets, tripods, handles, etc.

The RED V-Raptor X is priced at \$8,965.

www.backscatter.com

www.uwpmag.com



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Nauticam EMWL Angled Relay Lens



The Nauticam EMWL (Extended Macro Wide Lens) is a wet-mounted accessory lens for capturing macro-sized subjects with a wide angle perspective. It features interchangeable objective optics for different fields of view, allowing photographers and videographers to capture a variety of perspectives of the same subject through the same lens. This lens is all about perspective distortion - making small foreground subjects appear large in the frame compared to background subjects or the environment.

The specialized 'EMWL Angled Relay Lens' is part of the EMWL system that sits between the focus unit and the objective lenses. This replaces the standard relay lens and allows for using objective lenses at an angle



which can help with subjects that may be difficult to reach circumstances or for creating unique perspectives.

Dimensions 250mm(W) x
91mm(H) x 54mm(D)

Weight in Air 1.05kg

Weight in Water (+)/pos. 0.5kg

Depth Rating 150m

www.nauticam.com



Nauticam NA-Z8 for Nikon Z8



"Z9 Performance in a Z7 Body"

Every few years Nikon manages to hit a home run with a camera that just does everything better than seems possible.

The Z8 is that camera and more.

46MP/30FPS/

4K 120P/8K 60P/N-RAW 12-Bit/
ProRes RAW 12-Bit.

Lightning fast customizable
AF for stills & best ever Live AF.
Nauticam has met the challenge
by crafting a new level of its
legendary ergonomics into the
NA-Z8 housing.

Nauticam and Nikon; bringing
underwater imaging to a new
standard.

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F40
AND
5000 LUMEN
VIDEO LIGHT



Insta360 X4 Invisible Dive Bundle

The Insta360 X4 Invisible Dive Bundle is an 8K Waterproof 360 Action Camera, 4K Wide-Angle Video, Invisible Selfie Stick, Removable Lens Guards, 135 Min Battery Life, AI Editing, Stabilization package.

The Insta360 X4 delivers 360° video in stunning 8K or 5.7K60fps! Use Active HDR to keep shots color accurate too, even in action scenarios.

With Insta360 X4, get out there and shoot, not having to worry about lining up a shot. Shoot first, then reframe easily after, all in the AI-powered Insta360 app.

The signature third-person Insta360 shot, a specialty of 360 cameras. Immerse your viewers in obstruction-free 360° video, just like you're using a drone or as if you have your own film crew.

4K & 170° ULTRA-WIDE POV - X4 can also be used as a wide-angle 4K action camera at a whopping 4K60fps, or get super wide views with the incredible 170° MaxView at 4K30fps.

FlowState Stabilization and 360° Horizon Lock deliver smooth, level



shots, no matter how intense the action is.

X4 can handle temperatures as low as -4°F (-20°C) with ease. You can also take X4 down to 33ft (10m) without a dive case or 164ft (60m) with the Invisible Dive Case.

Compared to Insta360 X3, X4 offers 67% longer run time. Capture up to 135 minutes on one charge, with fast charging to get back out there faster than ever.

www.insta360.com



Nauticam NA-R5C housing for Canon R5 C



"Cinema Mastery"

The excellent Canon R5 has lots of fans, but serious video shooters sometimes felt a bit throttled by the built-in limitations of that camera. Canon's answer is the R5C. All that was great about the R5 has been fully unleashed.

You get Canon best-in-class white balance and AF and simply stunning image quality. Nauticam rose to the challenge with exceptionally elegant engineering incorporating full cinema zoom and focus in a compact form factor that inspires confidence from the very first use. Underwater cinema work has never been this easy.

www.reefphoto.com

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MX-R5 Mark II

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Seacam Canon R5 Mk II housing



CANON shooters have waited a long time for this update – and now it's finally here. The R5 II is as compact as the R5 and combines incredible speed with highest image quality, ideal for all kinds of adventures, be it video or photo.

The SEACAM silver underwater housing for the EOS R5 allows for a simple and ergonomic handling of all important functions under water – the perfect partner for the long-awaited upgrade.

Dimensions 260 x 190 x 140mm without port, viewfinder and handles.

Weight 2150 g without port, viewfinder and handles, neutral under water depending on port and viewfinder.

Operation Depth - 80m deeper operation depth upon request.

Price from EUR 5250 excl. shipping, taxes and custom duties

www.seacam.com

Bigblue 65,000-Lumen Pro Video Light



The Bigblue Dive Lights VL65000P; the ultimate professional underwater video light designed to elevate your underwater photography and videography to new heights. As the biggest and brightest model in the Bigblue Dive Lights lineup, the VL65000P is engineered to illuminate the vastness of the ocean, making it perfect for capturing stunning scenes such as shipwrecks and vibrant reefs.

The VL65000P is best used in pairs to significantly reduce shadows, providing even lighting for your underwater adventures. This exceptional dive light offers four power settings, each delivering a cool white light at a color temperature of 6500K. With an impressive 160-degree extra-wide beam angle, this light ensures your videos and photos are free of hard edges, resulting in crystal-clear, evenly lit footage.

www.bigbluedivelights.com



Nauticam NA-A1 housing for Sony a1



"Do-Everything Powerhouse"

Sony has reconceived what a pro camera should look and feel like with the Sony a1.

Sony maintained the form factor of the A7 series, but loaded it with state-of-the-art technology that provides superior stills and video performance. 4K 120p, 8K Video, 50MP @ 30FPS, 9M dot EVF and more breaks new ground in this class. If you can dream it, the a1 can do it.

Married to the Nauticam NA-a1 housing with its superior ergonomics, the underwater possibilities are near limitless.

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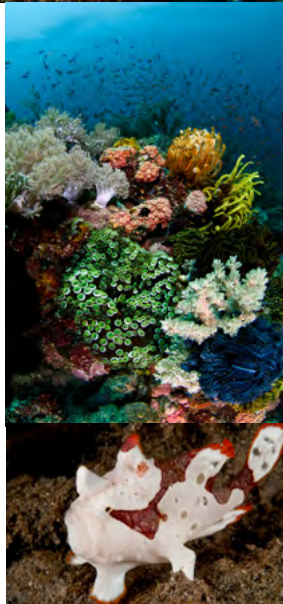


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Ikelite Deluxe housing for Canon EOS R8



We've set up the Deluxe 200DLM Underwater Housing for Canon EOS R8 exactly the way we would use it with Dual Tray with Dual Handles, Trigger Extensions, Vacuum System, and a set of spare O-Rings.

This is a full featured and durable waterproof housing for Canon EOS R8 mirrorless digital cameras. Suitable for scuba, snorkel, surf, pool, and any application in or around the water. Our custom ABS-PC blend is lighter than aluminum yet strong enough for almost anything you want to throw at it.

The included Vacuum System allows you to check for leaks prior to entering the water.

\$1,690.00

www.ikelite.com

Keldan Lights

We have been working hard on exciting new products to address the demand for travel-friendly gear.

The brand new RC2 is a tiny WIRELESS short range remote with a range of 2-3m. It is designed to work for lights mounted on the camera or placed within a short distance from the remote.



The 4XR is a new, WIRELESS remote-controllable light which is an upgrade of the popular 4X light but with a higher lumen output and the remote-receiver.



We have also added a new 8XR version with high CRI 96 which is the perfect light for shooting Macro. It has a built in WIRELESS remote control receiver as well.



www.keldanlights.com

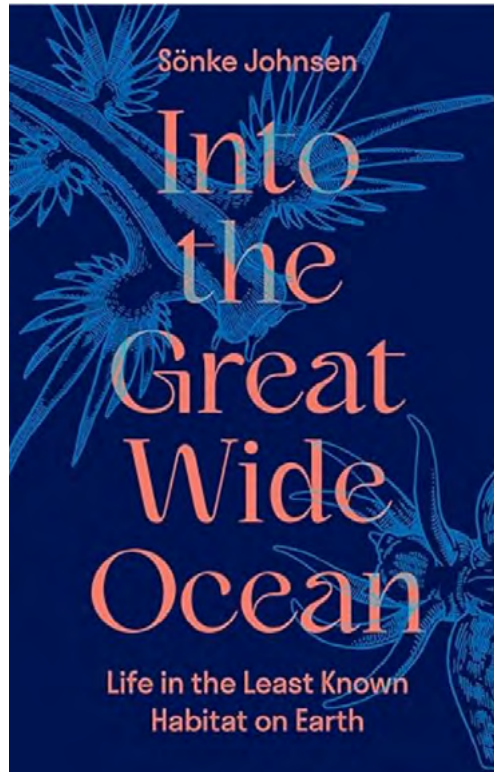
www.uwpmag.com

Into the Great Wide Ocean: Life in the Least Known Habitat on Earth by Sönke Johnsen

A seagoing scientist explores how life thrives in one of the most mysterious environments on Earth

The open ocean, far from the shore and miles above the seafloor, is a vast and formidable habitat that is home to the most abundant life on our planet, from giant squid and jellyfish to anglerfish with bioluminescent lures that draw prey into their toothy mouths. Into the Great Wide Ocean takes readers inside the peculiar world of the seagoing scientists who are providing tantalizing new insights into how the animals of the open ocean solve the problems of their existence.

Sönke Johnsen vividly describes how life in the water column of the open sea contends with a host of environmental challenges, such as gravity, movement, the absence of light, pressure that could crush a truck, catching food while not becoming food, finding a mate, raising young, and forming communities. He interweaves stories about the joys and hardships of the scientists who explore this beautiful and mysterious realm, which is under threat from human activity and rapidly changing before our eyes.



Into the Great Wide Ocean presents the sea and its inhabitants as you have never seen them before and reminds us that the rules of survival in the open ocean, though they may seem strange to us, are the primary rules of life on Earth.

[Link](#)

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Waterpixels is an innovative online community designed to connect professionals, industry experts, enthusiasts, and newcomers who share a passion for underwater imaging. Waterpixels is here to provide an engaging and inclusive space where you can explore, learn, and connect with like-minded individuals from around the globe.

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