

#07 SPRING 2023

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OCEAN GIANTS



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Great White Shark Australia with Amos Nachoum December 27, 2023 – January 7, 2024



Imagine yourself joining an exclusive great white shark diving expedition led by the legendary underwater wildlife photographer, Amos Nachoum. As you set sail to the Neptune Islands in South Australia, an area known for its rich marine life and great white shark population, Amos shares his wealth of knowledge about these apex predators and their crucial role in maintaining the delicate balance of ocean ecosystems.

The crew lowers a custom-designed cage into the water, ensuring its stability and security before you and Amos descend into the depths, surrounded by the deep blue ocean.

Throughout the dive, Amos continues to offer guidance on photographing the great whites, providing invaluable tips on

composition, lighting, and camera settings. His presence enhances your experience, offering a deeper understanding of the sharks and their behaviors while also helping you to immortalize these breathtaking encounters through photography.

At the end of the day, you return to the boat with unforgettable memories, incredible images, and a newfound respect and appreciation for these often-misunderstood animals. Your adventure with Amos Nachoum leaves you with not only a thrilling experience but also the satisfaction of knowing that you've learned from a master of underwater wildlife photography.

www.biganimals.com

<https://marinemegafauna.org/magazine>



Issue 132/12

www.uwpmag.com

New Products

Nauticam NA-R50 Housing for Canon EOS R50 Camera

Enthusiasts asked for it.
Nauticam listened.



Many underwater imaging enthusiasts have been anxious to move beyond the limited performance of their compact camera systems but have been reluctant to give up the compact form factor and simplicity of the genre. Other world travelers have started wondering if there is a way to downsize from their DSLR without giving up too much performance. Nauticam has been listening to this increasing interest and their industry leading engineers have responded with the new NA-R50.

The mission statement was clear: Design the most compact and friendly housing possible for Canon's awarding-winning and remarkably compact EOS R50 mirrorless APS-C camera. The added challenge was making the housing just as simple and straight forward as Nauticam's legendary compact camera housings, while making it even easier to achieve superior imaging results. The resulting housing represents an entirely

new category for Nauticam while maintaining their famous ergonomics and quality.

Nauticam has always been at the forefront of underwater housing technology. They consistently push the boundaries to create evolutionary, and sometimes revolutionary, products to make imaging creation easier. The NA-R50 Underwater housing is no exception, integrating everything that makes Nauticam's range of housings a favorite among underwater photographers into a small and lightweight package.

The new innovative system is engineered around the Canon RF-S 18-45 F4.5-6.3 IS STM Lens, since this is by far the most versatile and practical RF lens to use on the Canon RF APS-C format underwater. The port is thus integral to housing and requires no additional maintenance, much like Nauticam's compact camera systems. This lens provides excellent results in the wide to narrow

fish portrait FOV range but is easily married to Nauticam's superb WWL-1 or WWL-C for exceptionally sharp wide angle coverage with full zoom through while still keeping a modest form factor. Nauticam's Compact Macro Converter water contact optics can be added for a full "do anything and go anywhere" system that easily fits in a traveler's carry on.

Model Number: 17339
Port Opening: Fixed Port with Bayonet Mount
Lens Support: RF-S 18-45mm F4.5-6.3 IS STM
Depth Rating: 100m
AUD Retail Price: \$2,068 (inc. GST)
CNY Retail Price: ¥8,503
Euro Retail Price: €1,410 (inc. VAT)
GPB Retail Price: £1,229 (inc. VAT)
HKD Retail Price: \$9,683
USD Retail Price: \$1,494

www.nauticam.com

Ikelite T-Shirt

F/8 and Be There
Underwater Photographer (Indigo Blue)



If Ikelite Ambassador Steve Miller could give one piece of advice to any underwater photographer, it would be this: "F/8 and Be There." This shirt is the perfect thing to throw on whether you're dreaming of your next dive or out there in the middle of it.

Super-soft preshrunk jersey knit t-shirt. Small, Medium, Large, Extra Large, 2X Large.
\$ 25.00

www.ikelite.com

BACKSCATTER

THE BEST BANG FOR YOUR BUCK




OLYMPUS E-PL10

Sea&Sea YS-D3 MKII Lightning



The YS-D3 DUO is an underwater strobe that is compatible with the “Wireless RC Flash System” of OM SYSTEM digital cameras.

The “RC System” is a light control mode where the camera automatically controls the flash output based on the brightness through the lens. Since the camera can control the flash output based on digital optical signal, it can control the light more precisely than TTL mode of a typical underwater strobe. Of course, it is also possible to control the amount of light by selecting flash/non-flash or by manual operation.

In addition to TTL auto shooting in conjunction with the camera, the camera can also adjust the flash output compensation during TTL auto shooting.



The difference can be easily recognized from the outside by the MKII label on the side of the unit and the new control knobs on the rear.

Newly designed circuitry and light-emitting unit produces powerful guide number of 33. In addition, a high precision aspherical optical troidal lens has been fitted over the two flash tubes to disperse an even light from the center to the edge. The strobe’s beam angle will increase to 110° by attaching the standard accessories Diffuser. When the optional Dome diffuser is attached, beam angle will increase to as wide as 150(TBD)

www.seaandsea.jp

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ISOMAX
www.isomax.it

Nikon Z9 Housing

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The Address for Underwater Photography in Germany



www.PanOceanPhoto.com



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Nauticam
innovation underwater

Panasonic Lumix S5II/X

A robust and ergonomic solution for the Panasonic Lumix S5 II and S5 IIX for underwater photography and videography.

The Address for
**Underwater
Photography**
in Germany



www.PanOceanPhoto.com

15 Best Underwater Cameras in 2023

By Torben Lonne



Ready to dive in and purchase an underwater camera? If so you've probably noticed a lot of tempting cameras on the market. To help make your decision easier, we've reviewed 15 of the best underwater cameras.

Each comes with its own unique selling points, which we've detailed below. All you need to do is think about what features you need and decide on a budget. And if you need to know a little more about underwater cameras, we go over some of the key points you'll need to consider when making a purchase.

Top 10 Underwater Cameras in 2023

- 1 Olympus Tough TG-6
- 2 PANASONIC LUMIX LX10 4K
- 3 Insta360 ONE R
- 4 Sealife Micro 3.0
- 5 Panasonic Lumix LX100 II
- 6 Sony RX100 VII Premium
- 7 Canon G7x Mark II
- 8 Nikon COOLPIX W300
- 9 Sony Alpha a7II
- 10 Underwater Camera FHD

To read the full review with links to more detailed individual reviews, visit the link below:

<https://www.divein.com/diving/underwater-camera/>

BACKSCATTER THE BEST UNDERWATER MIRRORLESS CAMERAS



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HIGH SPEED SYNC
1000 LUMEN FOCUSING LIGHT
FAST RECYCLE TIME
LONG BATTERY LIFE
WIRELESS REMOTE CONTROL**



WE ARE UNDERWATER PHOTOGRAPHERS... JUST LIKE YOU.



Issue 132/16

Nauticam housing for NA-S5II Housing for Panasonic S5 II/S5 IIX

Panasonic has a knack for developing cameras that fill a unique niche that have earned the brand a passionate following. So where does the S5II slot for the underwater enthusiast? First and foremost, this camera provides a remarkable value for a full frame, feature rich platform in a compact (for full frame) body. Despite its entry level pricing, it punches well above its weight class with some impressive specifications.

The Nauticam NA-S5II underwater housing provides unfettered access to all camera controls and functions and Sigma's MC-21 EF to L adapter allows for the use of Canon and Sigma EF-mount lenses.

The NA-S5II Housing is designed to not only accommodate the adapter but to allow for the use of the existing focus and zoom gears for Canon EF-mount lenses for the N120 Canon System along with the existing Canon N120 extension ring and port combinations for those lenses. As more native L-mount lenses become available, those best suited to underwater use will be added to the system.



Model Number: 17721
Port Opening: N120
Depth Rating: 100m
AUD Retail Price: \$4,814 (inc. GST)
CNY Retail Price: ¥19,799
Euro Retail Price: €3,282 (inc. VAT)
GPB Retail Price: £2,861 (inc. VAT)
HKD Retail Price: \$22,547
USD Retail Price: \$3,479

www.nauticam.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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EUROPE'S NR. 1
UNDERWATER CAMERA STORE



WEEFINE WED-5 5 INCH MONITOR



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Issue 132/17

OM System 90mm Macro Lens

The OM System 90mm Macro Lens provides an all new, greater focal length to use on micro four thirds sensor and lens mount cameras than was previously available. What does this mean for underwater photographers, and what makes it cool? Watch our video interview and read the review to see why this might just be the most exciting new underwater macro lens!

Olympus is now OM System. OM System and Olympus products are fully compatible with each other.

More Working Distance

Get more space between you and your subjects. The OM System 90mm Macro Lens allows for greater working distance from the subject to minimum focus distance of the lens compared to other macro optics.

2 to 1 Macro Magnification

Make teeny tiny subjects look larger than life. With a maximum 2 to 1 reproduction ratio, the OM System 90mm Macro Lens creates up to double life size images for an insane amount of detail in your images. Most other macro lenses require an external diopter or wet-mount macro conversion lens to achieve this.



Excellent Autofocus Performance

Lock in razor sharp focus with super fast speed and accuracy. We tested the OM System 90mm Macro Lens on a number of cameras, including the OM System OM-1 and Olympus E-PL10. The results left us stoked with how fast, accurate, intelligent, and responsive the autofocus was.

More Controls

Customize operation to your preferences with the limit switch and L-Fn button. It also has a limit switch to restrict the focal range to just the size of subject that you want to shoot for optimal speed and performance within that range. The customizable L-Fn button allows you to toggle between auto and manual focus to easily switch on the fly underwater (with an underwater port that supports this control).

www.backscatter.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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UNDERWATER GOPRO FILTERS

NO FILTER

WITH FLIP



COMPATIBLE WITH

GoPro 5 GoPro 6 GoPro 7 GoPro 8 GoPro 9 GoPro 10

Ikelite 200DLM Underwater Housing for Canon EOS R8



On release, the Canon EOS R8 in our 200DLM Underwater Housing is the smallest, most powerful compact mirrorless camera system to date. It is as powerful as the Canon EOS R6 Mark II in a form factor half the size and weight. If you can live without a 2nd SD card slot and in-body image stabilization, then you will benefit from choosing this model.

Lens choice, image quality, and autofocus performance, and capture speed are the greatest strengths of the Canon EOS R8 system. When combined with a DS160 or DS230 strobe you can take advantage of high fps burst shooting to capture the perfect moment of a moving subject.

\$ 1,345.00

www.ikelite.com

Saga Kouen screen magnifier



Saga Kouen is a screen magnifier for monitor cases and monitors.

It allows you to view the screen at a distance of 30 to 40 cm from the camera screen to the diver's eye, with a magnification of more than x2 of the original screen of the housing, monitor or external monitor.

Its small size makes it a versatile and ideal accessory. For a standard screen of a housing (approx. 3 inches), the image obtained would be equivalent to wearing at least a 7-inch monitor.

www.sagadive.com

REEF
PHOTO & VIDEO

Nauticam NA-A7RIV for Sony a7R IV



"Resolution Rethought"

Sony, has come up with yet another addition to their a7 line that is sure to impress. This fourth edition of the a7R sees the inclusion of an updated 61MP Exmor R BSI CMOS sensor and enhanced BIONZ X image processor. Despite its high resolution, it can shoot at up to 10 frames per second with full autofocus and shoot 4K video either from the full width of its sensor or from a Super 35 crop. The NA-A7RIV underwater housing provides fingertip access to all key camera controls in a rugged and reliable aluminum underwater housing. Ergonomic camera control access is one of the defining strengths of a Nauticam housing, and the NA-7RIV continues this tradition.

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OM-D E-M1 Mark III & AOI UH-EM1III underwater housing special package

The professional model OM-D E-M1 series, which have been admired by professional photographers with the unrivalled compact & lightweight system and outstanding reliability, has evolved. The compact & lightweight body with weatherproof construction equips worlds' best image stabilisation compensates up to 7.5 shutter speed steps and new image processing engine TruePic IX, attains high shooting function such as 50MP handheld High Res shot and Live ND. Together with the best AF performance in the OM-D series and high speed burst of maximum 18 fps AF/AE tracking, OM-D E-M1 Mark III allows to capture the right moments in any shooting scenes.

The new UH-EM1iii underwater housing for the Olympus OM-D E-M1MKiii takes it to the next level. Integrated with a new and improved optical trigger, it is compatible with the RC Flash mode of the E-M1 MKiii. Allowing users to capitalize on one of the key features of the camera when underwater - Super FP mode.

Super FP is a special flash mode



which allows shutter speeds to be used faster than the x-sync capability of the camera-flash system. When do you use Super FP flash mode? When you need wide aperture for shallow depth of field, such as when shooting macro and a bokeh effect is desired or when you are shooting fast moving animals, the fast shutter speed will prevent motion blur due to the subject moving. By being able to utilize these modes, photographers no longer have to work around these limitations.

To ensure that everything works as it should, the housing is pre-installed with a Vacuum Analyser & Wet Detection System.

www.uwcamerastore.com

www.uwpmag.com

Photo by
Tom St George



MX SOFT Pro

Smart Optical Flash Tube

STROBES

INON/Sea&Sea/Ikelite/
AOI/Retra/Seacam/
Supe/Weefine/Kraken

SOFT Pro can be used with various popular strobes to narrow down the beam coverage. Lighter and shorter than the original version, SOFT Pro features a user adjustable red and white build-in aiming light. The aiming light will automatically switch off when it detects the flash from the strobe and the delay in-between is user adjustable too.

CUSTOM COLORS

Black Silver Grey
Olive Green Yale Blue Burgundy

MODELS

MX-R5	MX-R5C	MX-R6	MX-R6II
MX-R7	MX-A7RIII	MX-A7RIV	MX-A7IV
MX-A7RV	MX-A7SIII	MX-A1	MX-FX3

MX-Z6II/Z7II

Best-in-class design, Compact and lightweight. Made by uniquely anodized aluminum, Superb scratch resistance with multiple color options.

MX Housing

Mirrorless Camera



180 Degree ViewFinder



MX Viewfinder

180 Degree Smart Viewfinder
with built-in indicators of current depth,
ascent rate and dive time.



45 Degree ViewFinder



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Bella Zandoná



Tom St George



Ilaria Managulia Rizzuto



Takaji Ochi

Marelux Ambassador Thomas Van Puymbroeck



Belgian Thomas Van Puymbroeck is an award-winning photographer. His passion for underwater photography began over 15 years ago.

Even though he graduated as multimedia graphic designer, he pursued his dream job at the local public aquarium in Antwerp. Working there he had to take a diving course. After his first few dives he knew for sure: he wanted to take pictures.

Together with his wife he travels the world in search of the most beautiful dive spots, capturing these unique moments, places and animals. He is often referred to as one of the Belgian shark ambassadors.

Thomas's purpose in life is to

make people conscious of the need to protect these magnificent creatures, to learn more about them, ... instead of killing them...

You may have come across his pictures in a calendar of National Geographic or in one of the national and international diving magazines.

Although he has travelled and dived many tropical waters, his absolute favorite dive site is the one closest to home. Ask him about the diversity under water and macro life possibilities. He will amuse you for hours with pictures and fun facts about the marine life.

www.marelux.co

www.thomasvanpuymbroeck.com

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NA-R50

PN#17340 / 17340P

FOR CANON EOS R50 WITH
RF-S 18-45mm F4.5-6.3 IS STM LENS

- Integrated Flat Port
- Bayonet Mount

SHIPPING NOW



WWL-1B

130°-60°

PN#83202



MWL-1

150°-130°

PN#86201



WWL-C

116°-52°

PN#83203

Nauticam
innovation underwater

Nauticam EMWL Reef Photo tutorial



Nauticam is dedicated to designing the finest underwater imaging products available. The new EMWL - Extended Macro Wide Lens - takes that innovation to the next level. The EMWL allows you to shoot macro, wide-angle and combine the styles to create images we only dreamed about previously!

The EMWL was built to work with several popular macro lenses (listed below) and is optimized for both stills and video. It is a wet mount design so the lens can be attached and removed underwater. This increases the versatility of the entire system and other accessories like SMC and CMC macro converters can also be used. It is a modular design with



three individual pieces that make up the EMWL, the Focusing Unit, the Relay Module and the Objective Lens. Nauticam has made components optimized to work with different camera manufacturers and their macro lenses, as well as choices for three unique perspectives.

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Digital Underwater Photography, 40 Essential Knowledge by Pedro López Alegret

This ebook has been published in 3 languages: English, Spanish and French.

Index: The light. The sensor. The resolution. The camera. The lens. The underwater housing. Wet lenses. Underwater strobes. Mobile phone. Action camera. The subjects to be photographed. The complete equipment. Transfer of equipment. The equipment with the greatest coverage of field angles. The focus. Focusing possibilities. The exposure triangle. The depth of field. Dynamic range. Noise. The white balance. Photograph as close as possible. The composition. Know the subject. Framing: viewfinder or screen. Zoom with fins or with the lens. Buoyancy of the equipment. The marine environment. The subject of the photo. Underwater macrophotography. Lighting. Lighting possibilities. Position of electronic strobes. Diffusers for electronic strobes. TTL Strobe. Photography of large fauna. How to act when the exposure obtained is not correct. Developing. The Histogram. Main settings.



Digital underwater photography, 40 essential knowledge

Pedro López Alegret

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