

New Products

Aquatica Z Cam housing



The Z Cam cameras have specs such as C4K captured in 10-bit ProRes 422HQ or ZRAW at up to 120FPS, which makes the Z Cam range of cameras a great choice for underwater video capture.

This Aquatica housing will be using our MFT port opening, the same one used on our GH5 and EMI MKII housings, so we have a wide variety of ports, gears and extension rings.

Real mission control:

Using the excellent Amphibico style grips, this housing will be the most ergonomic housing on the market. With 10 push buttons and 2

rotary wheels, there will be no need to remove your hands from the grips since all the main camera controls will be right where you want them. Unlike a mechanical housing, your hands can remain on the grips when pushing multiple buttons and scrolling up or down.

Priced at only \$ 2,425 USD (\$1,940 If ordered before July 31st, 2020) and matched up with our 5HD Monitor at only \$1,436 USD, this package will be a great choice for the underwater videographer.

www.aquatica.ca



INON



UWL-95 C24 M52
+
Dome Lens Unit III



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Revolutionary
Miniaturized
Wide Lens



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- ROBUST HDMI CABLE & CUSTOM DESIGNED BULKHEAD
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Nauticam NA-2020 housing for Sony A9II/A7RIV Camera (with HDMI 2.0 support)

Nauticam has supported the Sony Alpha full-frame line since the original a7 with professional grade aluminum housings that offer intuitive access to all the controls and functions of the cameras. As the cameras have evolved, so have the Nauticam housings. The Nauticam NA-α2020 takes our commitment to the Sony full-frame mirrorless line to another level by delivering the first housing that will support both the a9 II and the a7R II with full access to all controls without modification or restriction.

Integrated DSLR-housing styled handles with ergonomic rubberized grips and stainless steel stiffening brackets add stability and accessory mounting points. The NA-α2020 also features dual rear thumb-levers that are easily reached from the handle that access three of the most-used controls on the rear of the camera. The right lever actuates the AF-ON and RECORD buttons while the left lever is mapped to the PLAY button.



Atop the housing on the left side are controls specific to the a9II in the form of a MODE dial and FOCUS mode lever. The C1, C2 buttons as well as the EV compensation dial also have direct access from the top of the housing. The C3, which is typically assigned to control switching between the EVF and the LCD screen is easily reachable on the rear of the housing from the left handle.

www.nauticam.com



Nauticam NA-RX100VII for Sony DSC-RX100 VII



"The Pocket A9"

The Sony RX100 VII is the newest iteration of the popular compact rx100 series. It has a new stacked CMOS sensor created with the idea of faster, more accurate autofocus and high speed photographing without any blackout that, before now, was only offered on their high-end mirrorless cameras.

The NA-RX100VII has an interchangeable m50 port system that provides the ability to utilize the RX100 VII's full 24-200mm zoom range with the standard port and various m67 accessories with the N50 short port.

www.reefphoto.com

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UPGRADE or TRADE-IN.



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Issue 115/11

Ikelite 200DL Underwater Housing for Canon EOS 850D Rebel T8i, Kiss X10i DSLR Cameras

A full featured and durable waterproof housing for Canon EOS 850D Rebel T8i and Kiss X10i DSLR cameras. Suitable for scuba, snorkel, surf, pool, and any application in or around the water.

The Canon EOS Rebel T8i (EOS 850D / EOS Kiss X10i) is the latest camera at the top of the entry level line. Released in early 2020, it features an 24 megapixel APS-C sensor, DIGIC 8 processor, and 45-point all-cross-type AF system when shooting through the viewfinder.

The T8i is capable of capturing 4K video at 24p and full HD at 60p. A CIPA battery life rating of 800 shots per charge is impressive for a camera of this size.

This housing features our robust Dry Lock (DL) port system. "Dry Lock" refers to the placement of the o-ring on the outside of the port mount. This improves visibility and reduces the chances of water dropping onto your precious camera sensor. DL ports are the lightest on the market, yet robust and capable of standing up to rough surf. Attachment is quick and



secure. A system of extensions can accommodate a huge variety of lenses with ease.

Movement of camera controls and lens placement prevent this model from operating in housings built for prior generation Canon cameras.

www.ikelite.com



Nauticam NA-D850 for Nikon D850



"The Next Frontier"

Proving that speed and resolution can indeed coexist, the Nikon D850 is a multimedia DSLR that brings together robust stills capabilities along with apt movie and time-lapse recording. Revolving around a newly designed 45.7MP BSI CMOS sensor and proven EXPEED 5 image processor, the D850 is clearly distinguished by its high resolution for recording detailed imagery. Nauticam is the market leader in build quality, ergonomics, and reliability. Built on a foundation of innovative product design and modern manufacturing technology, NA-D850 is the ultimate accessory for the exciting new Nikon D850 camera.

www.reefphoto.com

www.uwpmag.com



Sea & Sea Optical Dome Port II

The Sea & Sea Optical Dome Port II is made from high quality BK7 crystal glass.

Two different anti-reflective coatings are employed to optimize image quality, one for the exterior and the other for the interior of the Optical Dome.

A multi-layer coating is used on the dome exterior and the interior of the dome is coated with silicon-dioxide to effectively suppress flare and ghosting. As a result, the refractive index of each port is reduced to less than 0.01% and the dome produces extremely high-contrast images.

There are three versions:

OPTICAL DOME PORT II 100 S

Designed exclusively for Nikon AF DX Fisheye Nikkor ED 10.5mm F2.8G. This is a Made-to-order item

OPTICAL DOME PORT II 100 M

Designed exclusively for Tokina AT-X 107 DX Fisheye 10-17mm F3.5-4.5, for Nikon and Canon cameras.

OPTICAL DOME PORT II 100 L

Designed exclusively for Canon EF 8-15mm F4L USM and Nikon AF-S Fisheye Nikkor 8-15mm F3.5-4.5 E ED

The Dimensions of all versions



are:

(DIAxD): 130 x 91 mm

Weight: Approx. 450g

SRP: £1365.95

CODE: 30135

Depth Rating: 100m

Construction: POM resin, BK7 crystal glass dome and corrosion-resistant aluminium alloy shade

Included Accessories: Instruction Manual, Port Cover, Port Case

www.sea-sea.net



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.

www.reefphoto.com

WACP-2

0.57X WIDE ANGLE CONVERSION PORT 2



Ikelite 200DL Underwater Housing for Fujifilm X-T4

A full featured and durable waterproof housing for Fujifilm X-T4 mirrorless digital cameras. Suitable for scuba, snorkel, surf, pool, and any application in or around the water.

The Fujifilm X-T4 features a 26 megapixel BSI X-Trans CMOS APS-C sensor and is capable of 4K/60p 10bit video recording.

In-body image stabilization claims to reduce shake by up to 6.5 stops and autofocus algorithms have been improved since the release of the X-T3. Battery life has also been improved with a CIPA battery life rating of 600 shots when used in the 'Economy' mode. Like it's predecessor, the weather-sealed body includes analog controls for shutter speed, ISO, and exposure compensation, and allows customization of 9 buttons and control dials.

Most popular zoom lenses and select lens focus rings can be engaged using simple gearing that puts adjustment right at your fingertips. A large, soft-touch knob on the side of the housing makes fine tuned



adjustments a breeze. Zoom and focus gears differ depending on which lens you are using. Zoom gears sold separately.

The unique rear seal design prevents accidental twisting or stretching of the o-ring for simple and confident assembly. We have eliminated the need for an o-ring groove or channel which can trap sand, dirt, or debris. Three double-passivated stainless steel locking lid snaps are simple to use and virtually unbreakable. The clear back allows you to see the o-ring form a solid, watertight seal as it closes.

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Extended Macro Wide Lens

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Nauticam NA-A7RIV housing
for Sony A7R IV camera

FREE SHIPPING



Nauticam NA-Z7V housing
for Nikon Z7 and Z6 cameras

FREE SHIPPING



Nauticam NA-EM1III housing
for Olympus OM-D E-M1 Mark III camera

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Balanza Mini USB Premium Luggage Scale



Not sure if your bags are under the airlines limits??? Take along a mini digital luggage scale and know for sure! Displays weight in lbs or kgs.

The Balanza Digital Luggage Scale features a simple way of weighing heavy items without the need to read the weight while lifting it.

Simply attach the strap of the Balanza to the object or luggage, lift it off the ground for a few seconds until you hear a beep sound that indicates the weight has been locked on the display; set the object down, and read the weight on the screen.

The Luggage Scale USB is a step forward in digital scales design, compact functionality and can be recharged via USB connection, No more changing batteries .

With a screen on the top and a strong strap to secure the luggage

it offers the most natural way to lift heavy objects. The screen is located on the upper side of the scale, making it easier to see the weight while lifting it with one hand, the user can also wait for the beep to set it down if lifted with 2 hands.

Its ergonomic and compact shape lets you lift the objects easily and with less stress to your hands. Its patented structure and functionality make it easy to lift, wait for the beep, and set it down.

You can also use it at home to weigh your children's backpack, or the holiday gifts you are planning to ship, or that occasional parcel that needs to be sent.

Price \$24.95

www.backscatter.com

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**THE ULTIMATE
COMPACT STROBE**

Nauticam EMWL



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 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.

www.nauticam.com

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Nauticam NA-1DXIII housing for Canon 1DX Mark III Camera

The Canon EOS-1D X Mark II was the first DSLR to offer high quality 60p 4K recording in a pro-level body. Coupled to the camera's amazing Dual Pixel autofocus and wide-ranging custom white balance capability, the 1D X Mark II was the benchmark for underwater DSLR video. With the EOS-1D X Mark III, Canon is introducing a new 20.1 MP CMOS Sensor with the widest ISO range of any EOS camera, 20FPS live-view Servo AF shooting, and 12-bit 5.5K RAW or DCI/UHD 4K at up to 60p recording. The EOS-1D X Mark III is a true all-in-one capture platform with incredible still and video performance.

While the EOS-1D X Mark III can capture incredible 5.5K 12-bit RAW internally, it can also output uncompressed DCI or UHD 4K video over HDMI at up to 30p. For those that prefer to use a more edit-friendly codec such as ProRes or DNX, the addition of an external monitor or recorder is an option. The NA-1DXIII features the large-bore M28 bulkhead that supports Nauticam's HDMI 2.0 cable system and supported monitors/recorders such



as the Atomos Ninja V. The system also supports the HDMI 1.4 standard for use with non-recording monitor solutions such as the SmallHD 502 Bright and comes with an M28 to M16 step-down adapter pre-installed.

The NA-1DXIII supports flash triggering via the built-in fiber-optic bulkheads atop the housing through the use of Nauticam's Manual or TTL flash triggers.

www.nauticam.com

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NA-α2020

Housing for **SONY A9II/A7RIV** camera
with **HDMI 2.0** support



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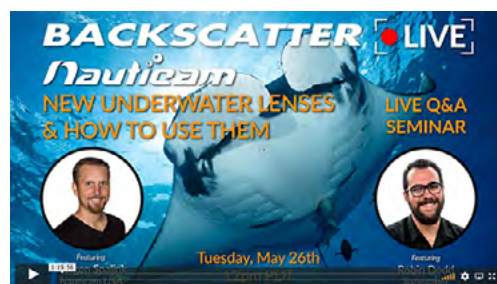
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Them



Face to Face with Big Animals
featuring Ron Watkins



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Answered



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Nauticam NA-EM1III Housing for Olympus OM-D EM1 III Camera



The Olympus OM-D E-M1 is characterized by its combination of extreme customizability and impressive stabilization in a compact hybrid-shooting package. The Nauticam NA-EM1III, similar to the E-M1 Mark III is a refinement of it's predecessors. Nauticam has produced housings for wide range of Olympus cameras from the compact Tough TG series to the PEN and OM-D lines. Throughout the evolution of Olympus' cameras, Nauticam has adapted our design to help image makers get take full advantage of every camera advancement. More than a simple waterproof case, the NA-EM1III integrates with the EM-1 Mark III to adapt and improve upon the camera's features for underwater shooting.

Regardless of where a dial or button may be found on the camera body, Nauticam engineers make sure it is located where it is needed most on the housing. This Mission Control philosophy drives the design

of every housing and provides for the most intuitive and easy to use housings available. The NA-EM1III features a thumb lever, easily accessed from the ergonomic rubberized right handle that actuates the customizable AEL/AFL control. Typically, for underwater use, this control is assigned to trigger momentary autofocus. This back-button autofocus method prevents the camera from refocusing between shots, allowing the user fine control over a shot's focus and is critical whether shooting macro or fast moving wide-angle subjects.

www.nauticam.com

MIRRORLESS MIRRORLESS ON THE WALL



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Isotta Nikon Z 7/6 housing

An ergonomic highly professional product entirely made in Italy that offers the highest quality and enhanced performance underwater.

The durable anodized aluminum protects the camera from water and other damaging elements and its stylish, compact and ergonomic design has been specifically created for the breakthrough models of mirrorless Nikon Z7 and 6.

The perfect handling of the Isotta signature-red color Nikon Z7/6 housing is possible by means of adjustable handles crafted to match the human hand and make holding the camera very comfortable even throughout long dives.

Easy access to all key/main camera controls by means of clearly labelled laser-engraved longlasting buttons, even with gloves and drysuit gloves. A quick release camera mounting plate allows the camera positioning and a lever locks the tray inside the housing.

The back door has a large window anti-scratch glass for a fine camera display and optical viewfinder view and it is entirely detached from the front body to make easier the camera fitting.



External viewfinders can be mounted, INON X-2 compatible.

The housing for Nikon Z7/6 is closed with Isotta's single handed one-turn knob. It's the only single latch closing mechanism in the DSLR housing market. It's fast, simple and secure thanks to its double steel pins at the bottom of the housing.

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Issue 115/19

WORKSHOPS

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THE SOURCE



AquaTech Collaborates with Hasselblad to Create Underwater Solution for X1D II 50C

AquaTech Imaging Solutions, a global leader in photographic accessories, is proud to announce the release of its new REFLEX Water Housing for the Hasselblad X1D II 50C, a culmination of 20 years of design and field testing by the AquaTech Team.

As the first official water housing for Hasselblad's X System, the REFLEX Water Housing, together with the X1D II 50C and XCD Lens range, offers the highest optical performance and unparalleled image quality that Hasselblad is renowned for.

"To combine a medium format digital camera of this calibre with our new REFLEX Water Housing is a dream of ours, and we are very excited to share this new collaboration with the Hasselblad and AquaTech global communities," says Managing Director of AquaTech Alan Love.

The REFLEX Water Housing features the interchangeable P-Series and PD-Series Lens Port System which supports the full range of XCD lenses.

Camera control is offered via tactile push button controls on the housings backplate, allowing simple



and intuitive control over important camera settings.

The REFLEX Water Housing weighs only 1.6kg (3.52 lbs), is waterproof down to 10 meters (33ft) and is highly portable, making it the perfect water housing for the Hasselblad X1D II 50C camera.

www.aquatech.net

www.uwpmag.com

WETPIXEL

Sam the Clam

by Lindsey Dougherty
with illustrations by Jane Christine Furman

One Christmas morning, after a “little” champagne, my mom and I decided to write a children’s book. Two and a half years later – it’s FINISHED! We are so excited to announce Sam the Clam: Adventures Under the Jetty.

It’s a story about a disco clam (the subject of my PhD research) and what his class finds during a field trip to the Trench with their octopus teacher Dr. O. It contains cast introductions, as all the characters are based on real marine animals my mom and I have seen while diving. It also has some wonderful tips on how to help protect our oceans.

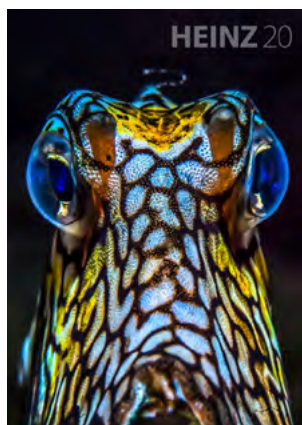
Part of the proceeds will be donated to the Ocean First Institute, for which I am a Scientific Advisory Board Member. They do amazing work, including trips with students (last summer we fed high school students to sharks! err...let high school students tag

sharks! haha). I wrote the book and took the photos, and my mom Christy Furman did the beautiful illustrations. We hope you enjoy it!

You can buy the paperback and/or e-book version here:

<https://www.amazon.com/dp/179444176X>

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