



SMC/MULTIPLIER

STUNNING MAGNIFICATION / BEAUTY MAGNIFIED / LARGER THAN LIFE

With the recently launched Super Macro Converter (SMC) series, Nauticam has added conversion lenses to our ever-growing range of products. Conceived by our founder Edward Lai, and developed completely in house, the SMC is a breakthrough improvement over existing products. SMC provides higher magnification than competing systems with unprecedented image quality. It is tack sharp from corner to corner, there is no vignetting or chromatic aberration, and it has higher resolving power than any prior macro converter on the market. It is brighter; making autofocus lock faster, and allowing you to manually focus more accurately. Despite the high magnification, the SMC offers generous working distance and increased compatibility with "shorter" macro lenses which traditionally have not worked well with super macro accessories, such as the Canon EF-S 60mm macro.

This unique and innovative lens has changed the way that underwater macro photography is done. Prior to

the SMC, achieving "super macro" magnifications underwater meant using tools that were designed for use in air. These lenses simply do not take into account the physics of shooting in water. In designing the SMC, Edward Lai took a radically different approach: treat the system - camera, lens, port, air, and water – as a whole, and account for the air-water interfaces in a conversion lens design to achieve the best image quality possible. This is a much more complex design path, but required to realize the best performance with today's advanced lenses and high resolution sensors.

Through hundreds of computing hours utilizing advanced optical design software, Edward Lai modeled the optical properties of the complete underwater imaging system. Incorporating these factors into the SMC design, and compensating for them, yields amazing sharpness, contrast, and clarity that isn't available from a simple magnifying lens designed for use in air sealed in a waterproof enclosure.



DR. ALEX MUSTARD

"This is the sharpest accessory macro lens I have used. Something that it is truly remarkable because it is also the most powerful. Fantastic performance from the centre of the frame to the corners. It is a lens that pushes back the boundaries of the types of photos we can take underwater."





CONSTRUCTION

The Super Macro Converter is constructed from precision crafted lenses of specially formulated low dispersion optical grade glass, ground to the most demanding standards. These exceptional measures, enhanced by broad band anti-reflective coatings effectively reduce common optical issues such as chromatic aberrations, coma, spherical aberration, and field deformation associated with high magnification macro photography using traditional magnifying lenses in water. The optics are assembled in a rugged hard anodized aluminum housing, and nitrogen purged during assembly to eliminate fogging.

STUNNING MAGNIFICATION / LARGER THAN LIFE MAGNIFICATION

When combining the SMC with a full frame camera and a 100mm or 105mm macro lens, you will be making images with a stunning 2.3X magnification factor. In other words, a subject area of 15.6mm X 10.4mm will fill the entire frame of a 36mm X 24mm sensor. The SMC allows you more creative freedom in your compositions, since it is sharp all the way to its corners.

OPTIMIZED FOR AUTOFOCUS, MANUAL FOCUS MADE EASY

The enhanced brightness and contrast offered by SMC allows autofocus systems to work more effectively. This crisp and clear image also tremendously aids manually focusing, allowing the photographer to clearly see when the subject is in perfectly sharp focus.

AMPLE WORKING DISTANCE

Even at the maximum 2.3X magnification, there is still more than 50mm (2 inches) of working distance between the front element and the subject with 100/105mm macro lenses. This working distance is crucial when capturing behavior with skittish subjects.

SAY HELLO TO SMOOTH BOKEH, AND GOODBYE TO COLOR FRINGING

The SMC retains the excellent optical properties of the macro lens for the whole system underwater, resulting in a pleasingly blurred (out of focus) background with a smooth and creamy look, and is not plagued by the normal purple and green fringing.

AVOIDING DIFFRACTION

With the overall superior optical performance of the SMC it is possible to shoot larger apertures with excellent image quality. Narrow depth of field work with excellent sharpness is possible allowing exciting creative and artistic compositions to be explored.





MR CRISTIAN DIMITRIUS

“As an extreme wildlife cinematographer working mostly in very uncommon and harsh conditions for very demanding and rigorous clients, I need equipment that is very reliable, user-friendly, versatile, comfortable to use and most importantly, ergonomically designed so that any adjustments to camera settings can be done swiftly. Nauticam housings unite all these qualities and even more. They have been my choice for years on my shoots all over the world because they simply don’t fail. I have been taking them to oceanic islands, remote underwater jungles, rocky shores, shallow reefs, deep wrecks, rivers, swamps and lakes, in temperate and cold water. Regardless of the environment my assignments have taken me, or if I am using a small Sony RX100 or a Panasonic GH4 for point of view shots, my favorite HDSLR Canon 5D MkIII or even my cinema Red Epic Dragon Camera, Nauticam Housings feel like an extension of my arm and are always up to the challenge.”



VIEWFINDERS

SEE THE UNDERWATER WORLD CLEARLY IN 1:1

If there is one example that epitomizes how Nauticam improves the underwater photography experience, it is the Nauticam family of patented, enhanced viewfinders.

It is common practice to use a reducing viewfinder as standard equipment on underwater camera housings. This reducing optic makes the camera viewfinder appear smaller, and further away, when viewed with a dive mask. Using a Nauticam Enhanced Viewfinder instead allows the photographer to clearly see perfect focus. There are additional advantages; the bright full frame image helps you create stunning compositions and offers a clear readout of the information in your camera's viewfinder.

Nauticam viewfinders feature an exclusive external dioptic adjustment. No need to take your viewfinder apart – it is as easy as turning the knob on the side of the viewfinder, and can even be done underwater. This feature is a true gift to all of us who are not gifted with perfect eyesight.

Nauticam offers both "straight" 180° and a 45° Enhanced Viewfinders. The 180° viewfinder is a traditional "straight ahead" configuration. The 45° Enhanced Viewfinder is

often favored for macro shooting where subjects are found on the seabed. The elevated viewpoint enables a much more comfortable body position, allowing full concentration on the life in front of the camera. The 45° model can be easily rotated when shooting vertical compositions.

Despite their compact size, Nauticam viewfinders use large lens elements that make them more forgiving in viewing angle and transfer a large amount of light. Like our SMC macro converter, our viewfinders are the result of advanced optical design and are made only with the best available multi-coated glass manufactured to our high standards. This ensures a bright, contrast-rich image with no distortion or color cast.

Nauticam Enhanced Viewfinders can be used with DSLR cameras or mirrorless cameras that feature an electronic viewfinder.

With Nauticam Enhanced Viewfinders, exceptional composition and focus accuracy have never been more attainable.



VACUUM CHECK SYSTEM

PEACE OF MIND

The Vacuum Check System will give valuable peace of mind, constantly monitoring that your housing is absolutely leak-free, even before jumping off the boat. It will also give you the confidence to make swift lens, battery or memory card changes in conditions you normally wouldn't.

The system comprises of two parts; the monitoring electronics and a vacuum valve. The electronics are integrated with the leak alarm and found standard on many new DSLR and mirrorless models. With the addition of a Vacuum Valve users have a fully featured monitoring system.

Nauticam Vacuum Check uses an advanced temperature compensation algorithm. Without this programming, rising temperatures would cause air to expand leading to a false alarm - not what you want at depth when filming the sequence of your life.

The status of the vacuum and thus the integrity of your housing is displayed on a multicolored LED on the back of the housing. The color-coding is intuitive and gives reassurance at a brief glance. At ambient pressure, the LED slowly blinks blue confirming adequate battery power. When a solid vacuum is achieved, the LED changes to a solid green, indicating system integrity. If the vacuum starts to degrade, the LED begins to flash yellow; water intrusion results in rapid red LED flashes and an audible alarm.

No tools are required to open the housing, the vacuum is simply released with a knurled nut integrated in the valve.

The basic valve uses a hand pump to create the vacuum, but a more advanced Dual Activation vacuum valve is also available. Click your BCD hose onto the Dual Activation Valve and tank air will drive a Venturi pump inside the valve that pulls the vacuum. This is recommended for bigger housings like Nauticam's DCES for RED EPIC and SCARLET where the internal volume of the housing makes using a hand pump impractical.

Offset Vacuum Valves are available for use when all accessory bulkheads are being used. These retain the electrical connector and add a Vacuum Valve at the same time. Our Vacuum Valves come in both M14 and M16 threads. They are easily installed, and completely tool-free to operate.

Picture on left: Pump



Pictures starting from the top: PCB install, Extension for vacuum valve, Valves with extension and the tool

CARBON FIBER FLOAT ARMS

BEAUTY IN BUOYANCY

Underwater photographers have long battled to make their camera systems neutrally buoyant in the water. A neutrally buoyant rig handles better and can easily be operated with one hand. Systems that are too heavy result in arm strain and affect the buoyancy of the shooter. A properly balanced rig is a lot more fun to use, allowing more time in the water, and better images.

The Nauticam Carbon Fiber Float Arm series is manufactured from the highest quality carbon fiber tubing with molded plastic end caps and machined 1" aluminum balls. Each arm includes an aluminum spine that ties the entire assembly together, making the Carbon Fiber Float Arm stronger than one machined from solid aluminum. This robust design ensures that these arms will last a lifetime.

Carbon fiber doesn't just look cool. It is five times as strong as steel, yet weighs about two-thirds less. Lighter means more net buoyancy for the same volume. In the 60mm diameter class, the Nauticam arm provides 50% more buoyancy than competitors' aluminum tubing arms. The 90mm diameter arms are perfect for systems demanding even more lift.

The Nauticam system of arms, clamps, trays and other mounting hardware allows a wide range of possibilities for attaching lights and other accessories. The addition of the Carbon Fiber Float Arms allows the underwater shooter even more flexibility in building the exact rig desired.

Dimensions

60x200mm	90x150mm
60x250mm	90x200mm
60x300mm	





MR MARTIN EDGE

“I am delighted with my Nauticam NA-D7000 housing, particularly with the thoughtfulness of the design ergonomics and ease of use. Every essential command falls into place at my fingertips making it intuitive to use as the camera is on land. With the enhanced 180 degree viewfinder, I never have to take my eye away from my subject which has increased my ‘peak of the action hit-rate’ manyfold.

On a recently trip I was able to completely disassemble the entire setup for travel in less than a few minutes. Reassembly was equally fast and I was setup and ready to go within instants.

Plain & simple, ‘It’s a joy to use.’”



THE AWARD-WINNING NAUTICAM WHITE BALANCE DOME PORT

Nauticam’s 8.5” White Balance Acrylic Dome is a truly revolutionary dome. It’s the first of its kind with a remarkable translucent white board built into the port. Gone are the days of carrying and trying to accurately frame a cumbersome white balance slate underwater. By using our dome the process is possibly even easier than using a grey/white card on land: you just need to close the “white board iris”, point to the incident light and then take a reference shot for your camera’s custom white balance function. Then open the white board iris back up and start shooting truly colors balanced images right away.

The process is fast, convenient and unobtrusive and the results accurate thus allowing more success, more often. This is a true gift for the wide-angle photographer who appreciates the beauty and challenge of ambient light and it really shines when used for underwater video.

The 8.5” dimension can accommodate large diameter wide angle and fish eye lenses without cropped corners or vignetting.



NAUTICAM GLASS DOMES

OPTICAL WONDERS

Nauticam's range of high quality optical glass dome ports suit even the most discerning of underwater photographers. Using a broadband multilayer anti-reflective coating to efficiently suppress reflection and flare, Nauticam optical glass domes are precision ground to optical grade and have been proven to perfectly complement many of the world's most high-quality optics. Nauticam offers four optical glass domes, each strategically conceived to offer the best results for different applications.



250MM WIDE ANGLE PORT / RADIUS OF CURVATURE 160 MM

Nauticam's largest dome has been produced with a shallow curvature to create a flatter, less distorted virtual image. This results in improved corner performance even at relatively open apertures when using wide rectilinear prime and wide angle zoom lenses. Its size also produces a virtual image further from the lens avoiding the need to use a diopter and compromising field of view.



230MM FISHEYE DOME PORT / RADIUS OF CURVATURE 120 MM

Though smaller, the 230mm dome has a steeper curvature than the 250mm Wide Port making it the ideal choice for both fisheye and ultra wide rectilinear prime and zoom lenses.

180MM WIDE ANGLE PORT / RADIUS OF CURVATURE 110 MM

The 180mm Wide Angle Port is the perfect choice for Nauticam mirrorless housing setups. The shallow curvature of this precision dome has been conceived for optimum performance with rectilinear primes and wide angle zooms.



140MM MINI FISHEYE DOME PORT /
RADIUS OF CURVATURE 69MM 110 MM

This compact mini dome is the perfect companion to fisheye lenses. Ideal for travel, lightweight and small, its compact size has many practical applications the field. It's small size makes it easy to light subjects close to the dome making it the perfect choice for close focus wide angle. This optical marvel also comes in a version with removable shade for the Canon 8-15mm and other circular fisheye lenses.





THE AWARD-WINNING DSLR CAMERA HOUSINGS

Every aspect of a Nauticam housing has evolved to get photographers off the boat and into the water faster and easier than ever before. For great photography, a diver's time should be spent taking pictures, not struggling with controls before or during the dive. Camera installation has never been easier, with almost no preparation required.

The patented lever actuated port lock is the standard by which others are measured. The award winning housing latches are tool free and require no excessive strength. Viewfinder exchanges require seconds, not minutes. Most functions are accessed while never releasing grip on the handles. But Nauticam's virtuosity doesn't end on the design table – every housing model must prove itself

in the most rigorous environments on earth. This ensures that your housing will perform with the same ease and elegance at 100 meters in the Bering Sea as on a fashion shoot in a 4-meter pool.

With every new housing we engineer, we constantly improve on what is already the most ergonomic and intuitive control layout in the industry. Our housings routinely offer access to more camera controls than those of our competitors. And our engineers go through painstaking efforts to always place the controls in the best possible place for the shooter. Right at the tip of your fingers, from our smallest housings, to our biggest. This has often called for unique and innovative solutions and made our housings into small engineering marvels.



MR FLORIAN SCHULZ



DSLR CAMERA HOUSING FEATURES

PORT LOCKING SYSTEM

Port changes have never been simpler and safer than with the Patented Nauticam Locking Port Release. The system is different from others in that, you don't have to wrestle and twist your ports or big domes into the housing. On a Nauticam housing, you simply insert the port, gently push the iconic red lever which turns the internal bayonet and locks the port securely in place. No wrestling, no twisting, no misalignment - just seat and lock. For added peace of mind, this is also the only system in the industry, which keeps your ports secured even at the end of an extension ring.



LATCHING SYSTEM

The Nauticam Locking Latch System, used to close and securely lock the housing, has received acclaim worldwide for its ease and functionality. The recessed latches are equipped with safety locks, reduce bulk and require minimal physical effort to engage and release.



HIGH TACTILITY TWO STAGE SHUTTER RELEASE LEVER

The shutter; the most important control and often one, which we take completely for granted. But finding that important halfway spot on a two-stage shutter (to lock autofocus) is often a challenge on traditional underwater housings. Nauticam ventured onto its own path and invented a geared shutter, which restores the tactility you are used to from shooting on land. Now, finding the sweet spot is easy and as autofocus keeps improving on lenses and cameras, our shutters help you take full advantage of that. The Nauticam geared shutter takes up much less space in the housing, allowing a more compact design.



PIANO KEYS

The acclaimed Piano Keys are a defining invention from Nauticam. They were on our very first housings and we are proud to still use them today. When first launched, the underwater photography world had never seen anything like them. So simple, yet advanced, that it made sense that only a newcomer could have thought it up. But most importantly, they improved vastly on the photographer's ability to control his or hers camera. With Piano Keys, we can place some of the most commonly used and important functions right under your thumbs allowing you to keep your hands on the handles.



RUBBERIZED, CUSTOMIZABLE HANDLES

We design our camera controls so that they can be used while your hands are on the handles, eliminating long reaches and hunting for awkwardly placed buttons. This is where they are needed for steady, precise composition and so that you don't lose valuable moments moving your hands around looking for controls. The Nauticam handles themselves are lightweight, rugged and generously contoured with a durable over-mold process of comfortable non-slip soft touch rubber. Two sizes of handles and additional spacers to adjust the distance from handle to housing are offered. Whether you have small hands or big hands, and dive warm or cold waters with thick gloves, we have a handle configuration for you.



NA-1DX JOYSTICK CONTROL

Camera manufacturers often invent new controls, which, while helpful on land, pose serious design challenges to an underwater housing manufacturer. These challenges are so large, that some manufacturers might choose to ignore a control given the difficulty to design a control for it. The joystick on Canon 1Dx was such a control. Not only did Nauticam designers master this control, they were even able to move its complex functionality closer to the right hand to make it usable for the underwater shooter. This joystick is needed for panning while zoomed in during playback and is the default control for selection AF points. Nauticam's five-button solution gives you back this important functionality.



MULTI-CONTROLLER PAD

Our patented Multi Controller Pad is another impressive engineering breakthrough. This controller virtually replicates the multi selector on the back of many Nikon and now, Canon DSLR cameras. The Multi Controller Pad lets you instantly change focus points, flick through menus or pan across zoomed images on review. And the best thing: It works diagonally, and operates the middle OK/Set button.

Nauticam has been able to make this important control work just as it does on land. It is placed so that it can be easily manipulated by your thumb without having to let go of the housing handle.

This control is especially interesting with the Canon 70D using the video autofocus. With a light touch, the user can change the focus during video recording, allowing for "focus pull" and other advanced shots. No other housing manufacturer has this, and none come close to achieving this kind of ergonomic access to the 8-way controller.

The Multi Controller Pad allows full multidirectional use of the 8-way controller, while still allowing for the rear command dial to be brought out to the right side of the housing. This ergonomic control access is unmatched by any competitor.



OVER-MOLDED, RUBBERIZED ZOOM AND FOCUS KNOBS

The zoom/focus knob is now rubberized to make gripping easier and operation more comfortable. Our injection mold making experience allows us to bring over-molded, rubberized parts to the underwater imaging world. Like the acclaimed Nauticam handles, the zoom/focus knob now receives the rubberized treatment that so many shooters have come to enjoy.



DUAL THUMB LEVER ASSEMBLY

Nauticam's Dual Thumb Lever "Paddles" are a great example of the Nauticam design approach to housing controls. We strive to achieve the best possible ergonomics for the shooter and this dictates where a control is placed on the housing – not where the corresponding control is located on the camera.

With our Dual Thumb Levers, we take four of the most accessed camera functions and place them right at the user's thumbs. Four functions, not just two! This creates a control routing challenge for our engineering team to solve, but provides the ultimate user experience possible.

We design from the point of view (and hands) of the shooter, not of the camera. This nocompromise approach results in housings that our customers find more intuitive to use than the camera itself.

One example is the way we have moved the ISO control from a traditional push-button to one of the most easily accessed functions controlled by a Thumb Lever Paddle. This is a breakthrough for DSLRs with advanced video modes, as ISO is an important exposure control when shooting video with a fixed shutter speed.



AUTO-ALIGNING CONTROLS - SET AND FORGET

Auto aligning controls are another Nauticam specialty. This innovation means that you don't have to pre-set any of the camera controls to ensure that the housing works correctly when a camera is installed.

These controls overcome user error! Even with a control misaligned, you just insert the camera, flip the corresponding spring-loaded housing switch once to align it and then you are ready to go.

It's one of those Nauticam innovations, which takes the difficulty of using advanced underwater housing out of the equation and replaces it with pleasurable ease – the net result is less stress on land, more time in the water and very likely, better pictures.



OPTICAL FLASH TRIGGER

Innovation Underwater continues with the Nauticam Optical Flash Trigger system. This allows fiber optic strobe sync cables to be used with cameras that do not feature a pop-up flash. On professional DSLRs the lack of a pop-up flash previously required electrical cables to fire strobes. Unfortunately, electrical sync cables are prone to flooding. Fiber optic strobe sync cables eliminate this failure point, making external flashes significantly more reliable.

By using LEDs and advanced programming, Nauticam's Optical Flash Trigger converts your camera's flash signal to light so that you can take advantage of reliable and flood-proof fiber optic cables.

The Optical Flash Trigger is also a great addition on cameras that come with flash built-in. The Flash Trigger will allow you to shoot continuous high-speed sequences, perfect for fast moving action. Since the pop-up internal flash is not used, the camera does not have to wait for it to recycle, meaning faster shooting, less heat buildup, and longer camera battery life.

Using fiber optic cables can literally expand your creativity – with longer cables, strobes can be removed from the rig while underwater. This enables more creative lighting opportunities. For the best performance, Nauticam fiber optic cables are made from imported Japanese fibers and have the highest light throughput of any optical cables on the market, making the Nauticam Flash Trigger even more reliable.

The Flash Trigger weighs less than 70 grams, including batteries, and mounts on the camera hot shoe, locking in place with a locking lever. It uses two CR3032 batteries, which combined with the highly efficient LED trigger lights, provide for an estimated 5000 exposures.

EXPANSIVE LENS SUPPORT

At Nauticam we believe that you should decide which lenses you want to use and not let your creative freedom be stifled by which lenses your housing manufacturer supports. We thoroughly test and support as many lenses as possible. This approach has led us to have the largest lens support in the industry, and one that we are constantly expanding.

Nauticam's vast range of dome ports and extensions help you and your favorite lenses perform to their max. From our patented white balance dome, to wide-angle zoom domes with built-in focus gears designed for a particular lens, to macro ports with focus light holders, to travel-friendly acrylic fisheye domes and big, optically superior glass domes. Whether you are on the macro hunt for the beauty in the smallest muck creatures or are capturing wide vistas of spectacular reefs, the vast range of Nauticam dome ports and extensions help you and your favorite lenses perform to their max.

And as with all our housings and accessories, they are built to last from CNC-machined aerospace-grade aluminum, then hard anodized to be impervious to the salt in our oceans. Many ports come with threaded fronts, ready to accept screw in macro accessory lenses like our SMC. Our glass domes use the best multicoated glass available, and our acrylic domes are light weight and budget friendly.



TONY WU

“I travel the world year-round in pursuit of extreme subjects and situations in the seas, ranging from the largest of cetaceans to the tiniest of open-ocean macro life, with the goal of creating unique, meaningful images of marine life. My success or lack thereof depends on help and cooperation from many parties, including equipment manufacturers.

In this context, Nauticam has been a terrific partner for my ambitious-sometimes crazy-projects, helping me to prepare appropriate camera housings and related gear for the animals and environments I pursue.

More importantly, the Nauticam team listens to my feedback, taking my concerns and input into account for new product design. Responding to my request for handles suited to smaller hands, for instance, has made a world of difference in comfort and usability for me. Continual refinement like this is invaluable.”

NAUTICAM MIRRORLESS CAMERA HOUSINGS

Nauticam has the most experience with mirrorless in the industry, and continues to innovate with each exciting new release.

Underwater photographers have long had to choose between the excellent image quality and superior handling of a DSLR or the compact size of a point and shoot camera. With the advent of mirrorless interchangeable lens cameras and their recent advances in image quality and usability that paradigm has now changed, and radically so.

The best mirrorless cameras rival the image quality, focus speed, and low light ability of DSLR cameras, in a package that is incredibly small and light. From the beginning Nauticam realized that great things can come in small packages and brought professional quality engineering to this rapidly expanding segment of the

photographic community. We treated these cameras as we always do and set out to make housings which placed the most important controls right at the fingertips of the photographer.

Given the large number of densely packed controls on many mirrorless cameras, shrinking the housings presents a challenge in itself. The design team at Nauticam sought to not only meet this challenge, but take the human-machine interface a step further. The focus is not on making an easy to build housing, but to make the housing easy to use.

Nauticam is now the premier manufacturer of mirrorless interchangeable lens camera housings. We support the most cameras. Our housings offer absolute dependability, superior ergonomics, unrivaled functionality and the most extensive port and accessory lineup available.



LOCKING ROTARY LATCH

As with our DSLR housings, we wanted to give our mirrorless users absolute ease and confidence when locking their housings. Our design team engineered the Locking Rotary Latch to be reliable and easy to use. Paired with the rear-mounted o-ring, maintenance is easier than ever and locking the housing is effortless. It is as simple as closing the hinged back and turning the latch until you hear the reassuring click.

Once locked, the red safety release button has to be pressed in order for the latch to turn. This eliminates the chance of accidentally opening the housing.



PORT LOCK

One of the hallmarks of Nauticam innovation has always been the secure Locking Port Release Lever found on our DSLR housings. This patented system utilizes an internal bayonet system, making it extremely easy to use. The iconic control has now come to the mirrorless line, enabling fast, easy and secure port changes. No wrestling, no twisting, no misalignment - just seat and lock.

SNAP-IN CAMERA TRAY

Our camera tray does more than just hold the camera in place. The Snap-in Camera Tray features a unique self-locking mechanism gives a reassuring audible and visual confirmation that your camera has been installed correctly.



LV/EVF LEVER SWITCH

Cameras such as Sony's A6000 and A7 series feature a proximity sensor which switches from LCD to EVF when the photographers puts their eye to the viewfinder. In the housing, this feature doesn't work, requiring Nauticam to invent an easy to reach, patented lever which quickly switches between the EVF and the LCD.



ENHANCED VIEWFINDER COMPATIBILITY FOR CAMERAS WITH EVFS

For mirrorless cameras that feature electronic viewfinders, we offer an optional rear LCD window which can accommodate our “straight” 180° viewfinder and a 45° angled viewfinder. An Enhanced Viewfinder helps achieve perfect focus. The bright and magnified image helps create stunning compositions and gives you a clear readout of the information in your camera’s viewfinder.



TILTED DISPLAY

For cameras which have tilting LCDs our housings now are made with just a bit more space, allowing the LCD display to tilt up 15° for easier viewing and video framing.



FLASH UP/OFF LEVER FOR BUILT-IN FLASH

On most mirrorless cameras with built-in flash, the flash cannot be deactivated unless the pop-up flash is depressed back into the camera. A manual lever allows you to quickly activate or deactivate the flash for rapid changes from strobe lit to ambient light photography.



LENS SUPPORT

Nauticam believes that every useful lens should be supported, and the existing lineup of ports for Micro Four Thirds, Fuji X-mount and Sony E-mount lenses is extensive and ever growing. At Nauticam we test and evaluate new lenses, listen to feedback from our customers, and are most often the first manufacturer to support new lenses.

Nauticam also offers support for adapters like the ones from Metabones to allow photographers to take advantage of a vastly larger range of lenses.

NIKONOS LENS SUPPORT

Nauticam has long supported Nikonos lenses with our original Nikonos to NEX adapter but with Sony's A7 full frame series divers finally have a digital camera worthy of these magnificent water-contact lenses. With a high quality 12, 24 or 36 megapixel sensor recording either stills or video, new life is being breathed into lenses like the Sea&Sea 12mm fisheye and the legendary Nikonos 15mm.



SUPPORT FOR CUSTOMIZABILITY

Higher-end mirrorless cameras often feature programmable custom buttons, a definite step up in user friendliness from earlier or lower-end cameras. Nauticam embrace this programmability approach often making all of these buttons even more readily available on the housing than on the camera itself.

Take our housing for Sony's A6000 for example: For fans of “thumb focus” (moving the autofocus from half-press of the shutter to a button operated by the right thumb), Sony lets you assign focus to the AEL button – and on the housing this button falls right under your right thumb.

Panasonic's GH4 features 5 programmable custom functions, and they are all placed for easy reach.

BULKHEADS FOR VACUUM AND/OR ELECTRICAL STROBE CABLES/HDMI MONITORS

All Nauticam mirrorless housings feature at least one accessory port, which can accommodate bulkheads for electrical strobe cables, HDMI monitor cables or the vacuum valve for our Vacuum Check and Leak Detection System. If you need both a vacuum system as well as, say, an external monitor Nauticam offer the vacuum valve in an offset version that allows you to mount the HDMI port too.





WILLIAM TAN

“I considered myself fortunate to have held a 1DX body before they were made available to the public. Eight months after the camera was released officially, I was equally impressed when Nauticam put a 1DX housing in my hands. Controls on the housing to all buttons on the camera are well thought out and easily accessible. Coupled with the company’s Vacuum Check And Leak Detection System, one doesn’t need to worry about expensive accidents and can concentrate solely on making beautiful images. I now only have myself to blame for any shots missed...”

NAUTICAM COMPACT CAMERAS HOUSINGS

Compact cameras are the tool of choice for beginners and people who want to shoot on a budget, or users seeking to travel light. With the growing demand for more professional features in ever-smaller camera bodies and housings – compacts have closed the performance gap between larger and more advanced systems.

The ability to maintain complete artistic control while shooting RAW in a housing the size of one's hand is the ultimate goal for some – and it is a definite reality now. Others, prefer the camera to handle the settings and will be thrilled by how easy a small compact rig is to snorkel, dive and travel with.

For anyone who enjoys the many attributes of compact imaging systems, Nauticam believes in bringing the power of professional quality engineering and cutting edge design to these cameras. Our extensive experience designing professional grade aluminum housings is evident in our line for compact digital cameras as well.

All Nauticam housings have excellent ergonomics, and compact housings are no exception. All of the important controls on the camera are within easy reach, and some of the controls on the housing are even easier to manipulate than on the camera itself.





EXTERNAL WET LENS SUPPORT

Our compact housings all feature a 67mm threaded front port for mounting optional wet lenses. To get even closer, mount a macro adapter like Nauticam’s best-in-class SMC. Get closer, and capture more of the underwater world with a wide-angle accessory lens. Nauticam’s Flip Lens Holder makes macro work easier than ever, allowing accessory lenses to swing quickly in place.

LIGHT AND ACCESSORY MOUNTING

The optional Nauticam Easitray and Flexitray provide a lightweight, compact mounting solution for strobe arms and a secure platform for your mirrorless or compact housing. We use a sophisticated over-mold process to produce extremely comfortable rubberized ergonomic handgrips. The soft feel and ergonomic design make the housing easy to grip and minimize hand fatigue on long dives. Both single and double handle configurations are available for complete customization, and each handle can be adjusted allowing the user to dial in perfect fit.

Even without a Nauticam tray, you can still mount external strobes to your housing. On the top of all our housings you’ll find an M10 threaded socket which you can take a single strobe mounting ball. The compact housings also feature a cold-shoe mount which can be used for a second strobe or a focus light.

A hand strap is also available for those wishing an even smaller profile.

With or without a tray, there are myriad ways to mount just about any light or other accessory.



DIFFUSER

For users who prefer to travel light or are not yet ready to venture into the world of external strobes, a compact camera’s built-in flash can be used to get good macro shots. Here, the optional Flash Diffuser is a valuable accessory, spreading the light from the internal flash making it softer, and reducing the shadow created by the lens port. The diffuser panel is easily installed in place of the optical cable connector.



LCD MAGNIFIER WITH DIOPTRIC ADJUSTMENT

On compact housings, the LCD screen on the back of the camera is used for composition and focus. The optional Nauticam LCD Magnifier offers generous sun-shading and multi-coated magnifying lenses make framing, focusing and checking display information a breeze. The LCD Magnifier has dioptric adjustment, just like our DSLR Enhanced Viewfinders, allowing you to dial in a perfectly crisp view.

Remember to order the correct attachment rails for your LCD Magnifiers they come in different forms depending on your housing.





YOSHI HIRATA

“Magic moments underwater are fleeting so it is important for me to be able to control all functions of the camera without taking my eye of the viewfinder. Only Nauticam housings, which are so intuitive to operate, allow me to do that. The enhanced viewfinder has also been a great help, facilitating precise focus.

Nauticam puts great efforts into continuously innovatingand releasing outstanding products one after another; it is the answer of a variety of my needs as a demanding underwater photographer that shoots on a daily basis.”



NAUTICAM DIGITAL VIDEO SYSTEM HOUSINGS

Over the past few years, Nauticam has built a comprehensive line of digital film making tools, embraced by professionals around the globe.

Building on our vast experience creating innovative and ergonomic camera housings, we endeavor to create the world's finest line of underwater video systems.

Nauticam started by housing RED EPIC and RED SCARLET, with tactile, mechanical controls to directly control the RED camera. Our approach was based on listening to the film making community to identify exactly how a land-based camera needed to be improved for use in the ocean. We focused on reducing bulk while retaining balance. The result is the lightest, best handling RED housing in the industry, taking advantage of our market leading line up of optical glass domes.

Our approach was the same when Blackmagic gave independent filmmakers RAW and 4K at a ground breaking low price point. The Blackmagic Cinema Camera, Blackmagic Production Camera 4K and Blackmagic Pocket Cinema Camera all require battery backs for extended run time. Nauticam chose to develop an integrated battery solution for these cameras supporting long in water shoots for professional image makers.

Pair this devotion to tackling problems head on with our history of precision crafted still camera housings and it's no wonder our video housings have been embraced for their ergonomics, balance, small size for travel, and ease of setup.



HASSLE FREE INSTALLATION

At Nauticam we believe that just because a system is meant for working professionals, it doesn't mean that it has to be cumbersome and complicated to use. Actually, we think it should be the exact opposite. We worked hard to make our video housing the most user friendly in the industry.

Our housing for the RED Epic and Scarlet cameras is a great example. We designed it in such a way that the camera can be fully set up on its tray outside of the housing where you have ample working space and light. Once the monitor, batteries, storage media, lens and lens gear is all attached you simply slide the entire assembly into the housing, close the back and you are ready to go. Not only is it easier, it is also incredibly fast, maximizing a professional's time in the water.

Through an ingenious piece of engineering that we simply call "the block," Nauticam also routed all of the controls and dials on the camera's side handle to the outside of the housing – within reach of your right hand. When working in fast changing situations, having instant access to programmable shortcuts on physical buttons beats scrolling through camera menus. Nauticam engineers crafted a system that allows instant adjustments, allowing professional film makers to get "the shot."

Our housings are not only easy to set up, they are also extremely versatile. They all feature cheese plates on the top for ease of mounting lights, monitors, and other accessories. The RED housing is available in both N200 (for PL and other large diameter lenses) and N120 (for Canon and Nikon DSLR Lenses) Port Mount Configurations. Two acrylic windows allow monitor mounting on the top or the back of the housing. This lets you forgo an external monitor in situations where a smaller, more agile set up is called required.





NAUTICAM POWER – TAILOR-MADE BATTERY HOLDERS

On land, cinema cameras rely on external battery packs to keep them running for extended periods of time. The same solution was integrated with our own battery holders that keep the rig light, and powered up on long dives.



ANGLED HANDLES

On our video housings, the ergonomic, soft touch, over molded rubber grips that Nauticam has become famous for provide a firm base for steady shooting, and are angled forward 15 degrees providing a more natural grip for video shooting.



BULKHEADS / ACCESSORY EXPANSION

Our video housings feature accessory ports enabling the system to be customized for professional needs. A vacuum valve for ease of mind, HDMI monitor bulkheads for on camera monitors, SDI output for director monitoring in the video village, hydrophone and external LANC controls for remote control are all available.

LCD MAGNIFIER

The Nauticam LCD Magnifier with Dioptic Adjustment fits onto the Blackmagic Pocket Cinema Camera housing and provides generous sun shading and an enlarged view that enables the operator to clearly see focus and monitor camera display info – even in bright sunlight.

LARGEST RANGE OF LENS DOMES AND PORTS

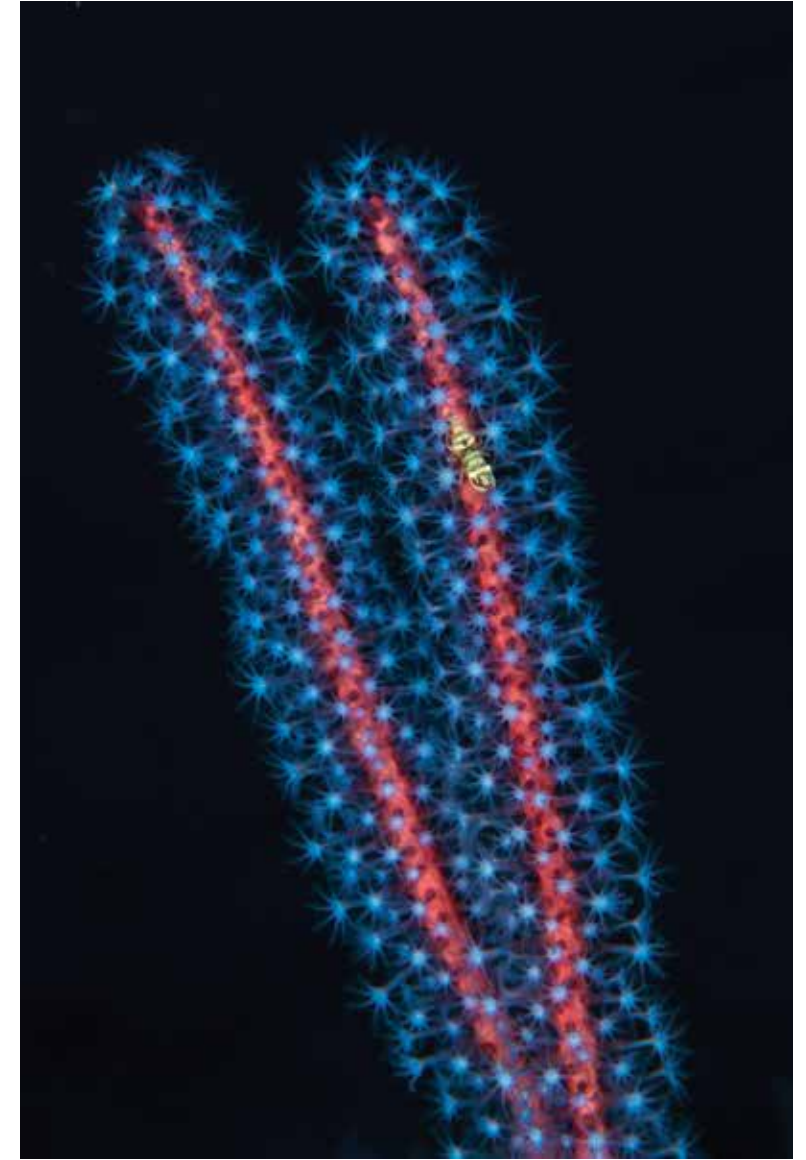
All of our video housings can be used with Nauticam's impressive range of dome ports and macro ports for DSLRs and mirrorless systems. The housing for RED cameras can even be ordered in the N200 port mount, supporting large diameter PL-mount lenses.





MS TAKAKO UNO & MR STEPHEN WONG

“Since 2009, we began using Nauticam’s first manufactured DSLR housing (for Nikon D90) and parts, and we progressively have gone to their newer models, other products and accessories. With the suggested maintenance schedules, we have not run into any issue. This is important, as our work depends on reliable equipments. Furthermore, Nauticam’s designers often listen to photographers’ ideas, and they have been coming out with very innovative ideas – ‘thinking out of the box’ in many ways. Ganbatte – Nauticam!”



MONITOR AND FIELD RECORDER HOUSINGS

When shooting video, whether it is on a DSLR, mirrorless or compact camera or on a RED or Blackmagic cinema camera an external monitor is an extremely valuable tool.

Ever since the revolutionary Canon 5D Mark II most DSLRs have been able to capture video. These large sensor systems with excellent lens ranges challenge more expensive professional video cameras. Mirrorless and compacts cameras have also progressed, and stunning underwater footage can now be shot on smaller rigs and smaller budgets.

The stills camera often presents a challenge to the underwater cinematographer in two ways – their LCD screens are often too small for professional use, and are awkwardly placed for video operation where the diver traditionally holds the camera below and forward. The internal recording codecs in many of these cameras also don't hold up to heavy color correction in post.

While cinema video cameras come with more professional codecs they still benefit from a larger and more flexible external monitor.

This is where our housings for external monitors and monitor-recorders make a difference. The bigger screen will help you compose your shot; peaking gets you critical focus while features such as false color, zebras, and waveforms are valuable exposure tools. A monitor-recorder is a great addition in many situations where cameras offer clean feeds out by HDMI or SDI. Many

cameras output un- or less compressed footage over HDMI. No longer will your postproduction creativity be held back by a fragile, low-bitrate codec. With a recorder, you can go straight to post with e.g. Apple ProRes in its different, Avid DNxHD or Cinema DNG.

Nauticam offers housings for monitors such as the very affordable SmallHD DP4 and the broadcast favorite TVLogic VFM-058W. For monitor-recorders, you can house the HDMI-equipped Atomos Ninja-2 and the 4K-capable and 12G-SDI-enabled Atomos Shogun.





SDI AND HDMI BULKHEADS

All of our monitor and monitor-recorder housings, except the NA-DP4, come with double accessory ports to enable you to loop the signal to a topside director's monitor.

We offer both SDI and HDMI bulkheads which feature screw-in connectors with strong cable reliefs which hold the cable firmly in place.

HOODS

Sturdy hoods machined from a solid block of impact-resistant plastic come as an option for each of our monitor housings.



SLIM-PROFILE AND RETRACTABLE BUTTONS

When designing the controls for our monitor and monitor-recorder housings we went to great lengths to minimize obstruction of the screens. The controls are slimmed-down and where possible, even swing or retract out of view.

MEDIUM FORMAT CAMERA HOUSINGS

THE UNDERWATER WORLD IN EVEN MORE DETAIL

For fashion and commercial photographers and everyone else on the search for ultra-high resolution and the best dynamic range, medium format cameras offer that in abundance. Besides the step up in dynamic range and resolution, their lens shutters allow super fast flash synchronization making it easier to balance bright daylight with strobes.

Nauticam medium format housings are equally at home in the pool and the ocean. In the pool, you can attach strobes or run cables topside to trigger powerful studio lights but the newest backs have improved vastly on low light capabilities so shooting ambient light in less than ideal situations is now also a viable option.

In the days of film cameras, medium format ruled the lands, but where often too cumbersome in the water. Digital medium format certainly has brought back the benefits of larger formats and auto focus, image stabilization and faster lenses have now come to medium format as well. And at Nauticam we have made it easier than ever to bring large sensors and the oceans together.

We offer housings for Hasselblad's H4D cameras and PhaseOne 645D and 645D+ cameras with both P+ series backs and IQ/IQ2 backs. As always, our medium format housings place controls within easy reach and special care has been given to fine tune the balance of these bigger housings: They yield near neutral buoyancy and excellent front-back balance.



NAUTICAM LIGHT MOUNTING SYSTEM

Nauticam offers a comprehensive light mounting system offering underwater photographers more of the stylish designs and thoughtful ergonomic solutions characteristic of the Nauticam range. With our system you can customize a perfectly balanced setup of strobes, video lights, focus lights or a mix of all of them.

On our DSLR housings, strobe mounting balls sit on top of our sturdy handles with a stainless steel bracket. Mounting the strobe arms to the handles leaves the top of the housing uncluttered and the controls easily reachable. If needed, you can add extra strobe mounting balls to the cold shoe and the M10 threaded socket on top of all of our housings.

Likewise, on mirrorless and compact housings you can add lighting arms directly to the housing or you can take advantage of our modular tray system - The Flexitray and the Easitray. Not only do the trays give you our famously comfortable rubberized handles – they also, like on our DSLRs, let you mount the lighting arms on the handles, away from the camera controls on the top of the housing.

While the non-adjustable Easitray is a simpler and more affordable option, the Flexitray offers adjustability for both width and handgrip positioning. Weighing in at around the 200g mark, these lightweight yet robust marine-grade anodized aluminum trays make the perfect companion to your camera housing.

When designing our Carbon Fiber Float Arms and our Double Ball Arms we put great emphasis on reducing weight and bulk while still retaining strength and durability. The result is that our float arms offer the most lift for their weight in the industry and our standard arms are the lightest on the market.

Carbon Fiber Float Arms come in two different diameters to better allow you to fine tune the buoyancy needed for

your rig. Three lengths are available with 60mm diameter floats; 200mm, 250mm and 300mm and the 90mm diameter floats come in 150mm and 200mm lengths. The floats offer lift from 240g to a generous 655g.

Double Ball Arms are available in lengths of 75mm, 100mm, 125mm, 200mm, 300mm and 400mm. The super-lightweight arms CNC-machined hard-anodized aluminum and feature characteristic blue, hardwearing rubber o-rings.

Also available in the arm range is a full set of single ball arms with YS light mounting stem featuring an o-ring at the strobe attachment, as well as on the ball, for smoother, more precise control of strobe and light positioning.



CLAMPS

Nauticam clamps are precisely milled from solid aluminum to extremely tight tolerances. This not only gives our clamps a stronger hold but also one that can be adjusted more smoothly and precisely. This is especially important and beneficial as lighting rigs grow and clamping forces are increased. The handle is larger which, offering more leverage and making it easy to release even when fully locked down.

All these benefits were made possible without any weight penalty. Two clamps are available, the standard clamp (80.8g) and the multi-purpose clamp (104g).

NAUTICAM STANDARD CLAMP

Through extensive engineering Nauticam produced a light, yet extremely strong clamp with very fine adjustment of clamp tension. The over-sized handle makes adjustments easy and smooth.

NAUTICAM MULTIPURPOSE CLAMP

The Multipurpose Clamp with Shackle offers a simple yet innovative solution to the problem of how to securely carry your rig. Attach one of our lanyards to the shackles and have a perfectly balanced and foolproof lifting point when passing your housing up to the boat and carrying it to and from dive sites.

With the shackle removed, this cleverly engineered clamp will let you attach an extra ball mount or a YS light mount stem offering you a very flexible way of mounting extra video or focus lights.



STROBE MOUNTING BALLS AND YS MOUNTING STEMS

Nauticam offers mounting balls and YS mounting stems that attach to handles, directly into the threaded socket of our housings, into cold shoes on housings and macro ports and even onto a Double Ball Arm.

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EDWARD LAI



ABOUT US

We promise to keep evolving, keep innovating and keep making products that will help you and your audience truly appreciate and protect our fragile but beautiful underwater world.

Edward Lai, the founder and Managing Director of Nauticam, spent the past two decades designing and manufacturing high precision injection molds for electronic, automobile and healthcare products. If you were using a high-end mobile phone in the days before smart phones, chances are, you already held something that Edward helped make.

Five years ago, Edward Lai, an avid diver and photographer, felt his skills and experience could help put better housings into the hands of divers. He founded Nauticam and set out to design and make the housings he would like to use, and he didn't hold back. His extensive knowledge in both engineering, plastic injection molding and CNC machining meant that Nauticam – from the very first housing – was more advanced than anything else seen before it.

Since then, the design and manufacturing team has grown, and so has our capacity to get new housings into the hands of customers sooner than our competitors.

The approach and goal is still exactly the same as it was five years ago when Nauticam was founded: To use extensive engineering and the most advanced production methods available to put the best and most ergonomic and intuitive housings and accessories into the hands of divers.

Our housings have evolved into true design and engineering marvels which have received five patents, and more are pending. Three prestigious Red Dot Design Awards have been earned, as well as the Consumer Product Design Grand Award at the 2013 Hong Kong Award for Industries.

We are proud that our housings are the most advanced available and, and are still the most user-friendly. And we are thrilled and humbled that underwater photographers all over the world feel as strongly about our designs as we do. In a very short amount of time their support has made us the world's leading underwater photography brand.

Nauticam services the underwater housing market through more than 30 global dealerships, offering expert underwater imaging knowledge, and great after-sales service.

We promise to keep evolving, keep innovating and keep making products that will help you and your audience truly appreciate and protect our fragile but beautiful underwater world.



Nauticam