

New Products

Hugyfot Vision Hero 5



The Vision Hero 5 is the most advanced GoPro housing ever. In order to get the best out of your GoPro Hero 5, Hugyfot engineers developed this rugged, yet extremely versatile housing.

Installing the Hero 5 takes seconds thanks to the plug and play wiring system and the rotary eccentric quick closing mechanism. The housing is powered by 2 lithium power banks that guarantee a 5 hour camera operation. The large 7" HDMI monitor displays every detail and is extremely helpful when shooting macro images.

Vision Hero 5 housing specifications:

- Housing milled out of sea water resistant aluminium.
- Black anodized and Teflon coated.
- Ergonomic shutter release.
- Large front window for GoPro lens and LCD screen.
- Small front window for internal battery status indicator.
- Rotary (eccentric) quick closing mechanism.
- Red filter and screen protection with hinges.
- Rigid aluminium handles with 1" arm balls.
- Multi-purpose wing.
- Depth rating 200m.
- 7" HDMI monitor.



- Push buttons for screen adjustment.
- Large removable sun hood.
- Plug and play installation of Hero 5 camera.
- Pre-wired USB & HDMI system.
- 2 x Hama Premium Alu Power Pack 8000mAh (5h battery life).
- Dual O-ring sealing system.
- Optional hinge system for macro lens available.

www.hugyfot.com



Underwater Housing for the Sony α6500

APS0-A6500

ZEISS 50mm Macro, 12mm Wide and 16-70mm that are suitable for high image camera were added.



<http://aquapazza.jp/en>

Nauticam
innovation underwater



Nauticam produces the finest Build Quality and widest range of rugged underwater camera housings and related accessories.



www.nauticam.com

i-TURTLE XS & s-TURTLE Flash Triggers

Following the release earlier this year of the e-TURTLE for Canon and the i-TURTLE for Nikon (reviewed in the March/April 2017 Issue of UWP Mag) Hungarian based TRT-Electronics have recently added two new models of TTL Flash Triggers to their line of products. Based on customer feedback and field-testing, they produced the i-TURTLE XS that is a thinner version of the i-TURTLE that allows for fitting into housings with limited space. They have also incorporated an additional DIP-Switch that allows the default Flash-Mode to be set to either TTL or Manual, to suit the users preference.

An exciting new development is the s-TURTLE that is compatible with Sony cameras. It has all the same features as the other models and has been tested with the A9, A7 & A7II Series, A6000, A6500, plus the A77 Mk2. Connection for TTL compatibility is via electronic sync cord or fiber optic cable when using Sea & Sea YS-D1/2 and Inon Z240 Type 3/4 Strobes. For IKELITE DS160/161 and Sea & Sea YS-250 Pro an electronic sync cord is required for TTL compatibility. If shooting in manual mode an optical connection is possible.



If you have a housing that does not have fiber optic ports you can now use the TURTLE, as TRT-Electronics have produced a LED Bulkhead that replaces the normal bulkhead on your housing. Strobes are connected via standard Sea & Sea style fiber-optic plug or Inon Rubber Bush L that fits directly onto the LED Bulkhead.

www.trt-electronics.com



ACQUAPAZZA



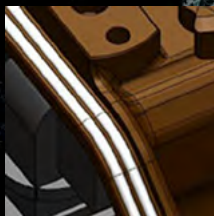
APS0-A72D

Underwater Housing for the Sony ILCE-7M2/7RM2

Go to the depth 200m! 656ft!










<http://acquapazza.jp/en>

Nauticam NA-GH5 for Panasonic GH5

Panasonic hybrid camera systems have revolutionized all levels of motion imaging capture. Pairing high quality interchangeable lenses with compact camera bodies, the video camera of choice for underwater filmmakers has undergone an incredible transformation in recent years. It has become the Panasonic GH5.

An exceptional hybrid housing to complement an exceptional hybrid camera, NA-GH5 is designed from the ground up with both video and still photo shooters in mind. Incredible engineering, enabling fingertip control access, has made Nauticam famous.

The housing is small, but not at the expense of functionality or ergonomics. Integrated handles provide a sturdy and comfortable base to operate the system from. An ergonomic shutter release lever, thumb lever for AE-L / AF-L, and well placed control dials provide the same operational feel as any Nauticam DSLR housing.

Control buttons are placed within easy reach of the handles,

with sufficient spacing to allow easy operation, even by feel. One example of this is a combo lever, accessing both White Balance and ISO, placed directly under the right grip. The ergonomic experience of this system is clearly influenced by Nauticam DSLR systems, with class leading control access and feel.

More than just good looking, this is a rugged housing, ready to tackle thousands of hours of underwater abuse. Crafted from solid aircraft aluminum, the housing can reach depths of 100m with ease. Camera access and lens changes couldn't be easier, and secure locking latches inspire confidence.



The NA-GH5 is a professional grade underwater housing, built with cutting edge manufacturing technology, supporting the pro-level GH5 camera body to its full potential.

Ready for video rigging! A top mounted 1" Ball (either bolt on or cold shoe mounting style) provides a convenient monitor attachment point. Mounting balls on the handles are perfect light mounts, and a new Mounting Ball Set for Tripod Legs (25217) is a steady base for building a rock solid tripod.

www.nauticamusa.com



Nauticam NA-RX100IV for Sony RX100 IV



"Amazing 4K Compact"

With the ability to shoot stunning 4K video and 20mp stills, this camera and housing package offers image quality approaching that of an SLR system with the size and convenience of a compact. Controls are simple, but well thought out with easy to access push buttons. Dual command dials immediately access frequently used manual settings like Manual Focus, F-Stop, and Shutter Speed. The addition of excellent wet lens options make for one versatile, powerful, compact package.

www.reefphoto.com

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Paralenz Dive Camera



The Paralenz Dive Camera is an action camera designed specifically for scuba divers, developed with the aid of divers from around the globe, and built by a team of design engineers who share a passion for scuba diving and the underwater world. Designed to be as easy to use below the surface as it is above, Paralenz has developed the ultimate action camera for divers, with a no-compromise attitude to quality or functionality.

The team at Paralenz reached out to the international dive community to ask them what they would like to see in an action camera for divers. As a result, almost 250 divers from 38 countries have aided the development of the Paralenz Dive Camera. The result is a small, tough camera with some ground-breaking new features, never before seen on an underwater action camera.

www.paralenz.com

Olympus PT-058 Housing for TG-5



The ultra-rugged Tough TG-5 camera is waterproof up to depths of 50 feet (15 meters) without a protective case or housing. If you're a diver looking to explore deeper depths, the customized PT-058 housing is for you. This polycarbonate housing protects your TG-5 camera down to depths of 147 feet while providing complete control of all camera functions when the camera is inside the case.

- Detachable hood for the LCD monitor
- Screw mount for optional converter lenses and filters
- Standard tripod socket permits attachment of third party lighting tray
- Clear back for easy water penetration detection

www.backscatter.com



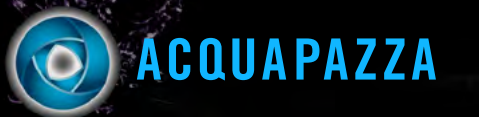
Nauticam NA-D500 for Nikon D500



"A New Era"

With 153 focus points and 10 fps continuous shooting, there has never been a Nikon DX camera with the level of autofocus and continuous shooting capability as the Nikon D500—not to mention the revolutionary addition of 4K UHD video. This extraordinary camera demands an equally impressive housing, and the Nauticam design team has left no detail overlooked. In addition to the superior ergonomics for which Nauticam is renowned, each NA-D500 comes with an installed manual optical flash trigger—standard!

www.reefphoto.com



Underwater Camera Housing for SONY RX100 M5

APS0-RX100M5D

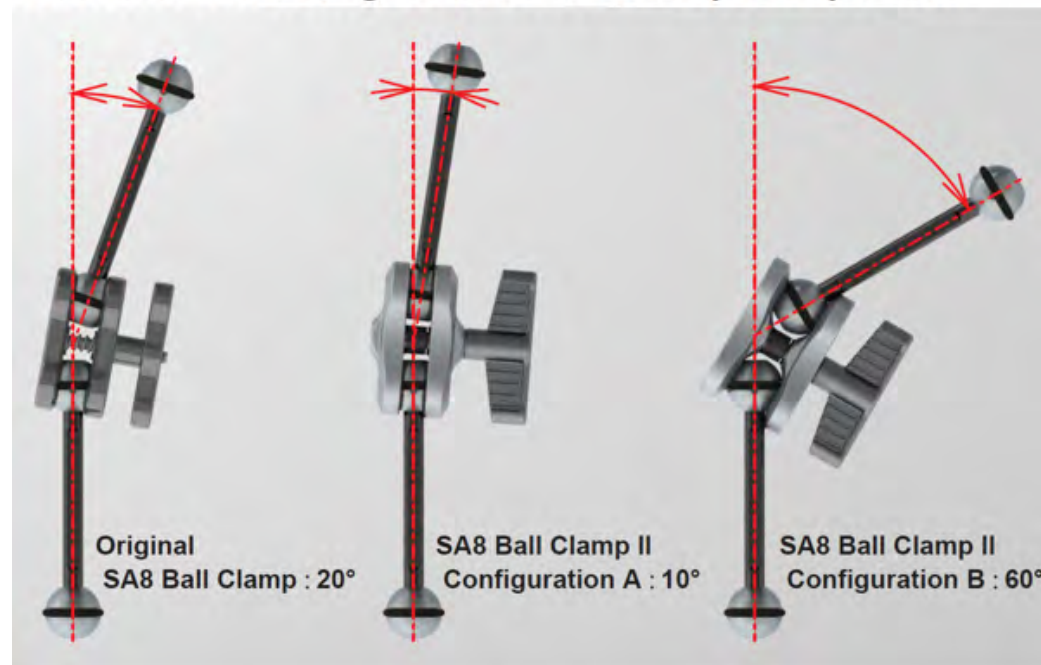
A compact digital camera
also go to the depth 200m
656 ft!



<http://acquapazza.jp/en>

Sea & Sea SA8 Series Ball Clamp II

New SA8 II and Original SA8 Ball Clamp Comparison.



Sea&Sea has announced their new SA8 Series Ball Clamp II.

It can be configured in 2 ways, one providing a “solid and stable” joint with a 10° lateral movement or by being reversed, it offers up to 60° of lateral movement. Sea&Sea state that in the second position, its stability is the same as that of their Ball Clamp I.

Dimensions (WxHxD):
66x71x26mm / 2.6x2.8x1.02inch

Weight: 97g / 3.42oz

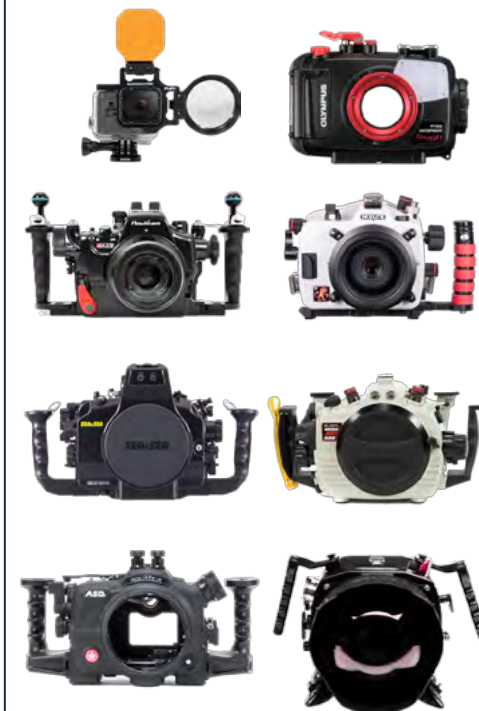
Construction: Corrosion-Resistant Aluminium Alloy (anodized body)



SRP: £55.95

www.sea-sea.net

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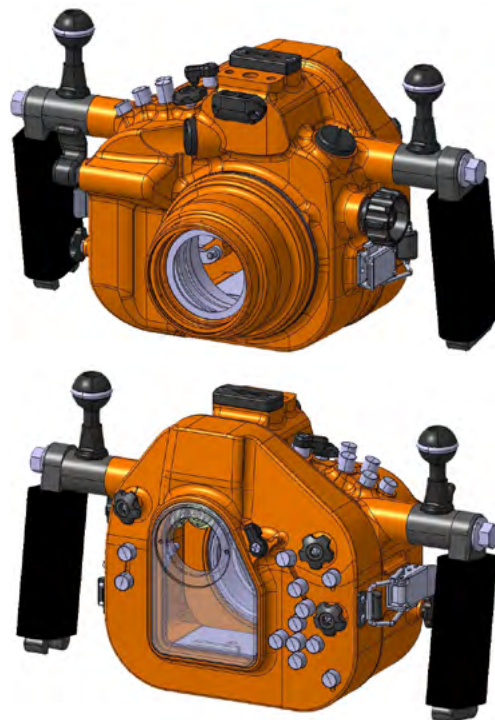
**TURN ON AND SHOOT
IT'S AS EASY AS THAT!**




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CAMERA-HOUSING NOT INCLUDED

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Acquapazza developments



Japanese underwater housing manufacturer Acquapazza are developing their APPA-GH5 housing for the Panasonic GH5.

One of the most significant features will be the ability to change the angle of the left and right grips.

In addition it will incorporate all the traditional features and designs which make Acquapazza housings durable and secure from flooding.

The APPA-GH5 will be able to take the following lenses:
Panasonic : Lumix G Macro 30mm F2.8 ASPH. MEGA O.I.S.
Panasonic : Leica DG Macro-Elmarit

45mm F2.8 ASPH. MEGA O.I.S.
Panasonic : Lumix G Vario 7-14mm / F4.0 ASPH.
Panasonic Lumix G Fisheye 8mm F3.5
Olympus : M.Zuiko Digital ED 8mm F1.8 Fisheye Pro



Acquapazza are also developing APSG-sdQ for the compact Sigma sd Quattro and Sigma sd Quattro H mirrorless camera systems with Foveon Quattro sensors.

This was due to be available in April but because it was not possible to accommodate the 14mm F1.8 which has a large external diameter it was decided to change the size of the "MB port" into a larger "LB port."

The lenses which can be used are as follows:

10mm F2.8 EX DC Fisheye HSM (manual focus)
14mm F1.8 DG HSM (autofocus)
20mm F1.4 DG HSM (autofocus)
18-35mm F1.8 DC HSM (autofocus)

Macro 105mm F2.8 EX DG OS HSM (manual focus)



Acquapazza also released the APSO-A6500 housing for the Sony A6500 in May and since it can be fitted with a thin smart phone battery the life is increased about 3 times normal. There has also been a small specification change in that the flat cover is the standard specification and the Slant cover is a chargeable optional extra.

Finally they have produced a less expensive extension ring without a manual focus knob for the person not using manual focus. This results in the Z1670 extension SBL being about 20% less. In addition they have produced a less expensive port without a mount base for those users who do not need one. This results in the Z50M port SBL being 15% less and the E90M port SBL about 20% less.

www.acquapazza.jp/en



Nauticam NA-A6300 for Sony A6300



“Versatility & Power”

The Sony A6300 is blurring the lines between compact camera, DSLR, and video powerhouse with its 24.2MP APS-C sensor and 4K UHD shooting capability. An ever-expanding selection of lenses allows your pick of the right lens for the job. The 16-50mm PZ kit lens is easily and comfortably controlled in the Nauticam A6300 housing and is expertly complemented by the Nauticam Wet Wide Lens (WWL-1) or Compact Macro Converter (CMC-1) for the ultimate in versatility—all in one dive!

www.reefphoto.com

HugyFloat - neutral buoyancy redefined



The HugyFloat system creates a 100% neutral buoyancy for your camera or video equipment. This innovative system is adjustable on-the-spot (at the start of the dive) and will guarantee a neutral buoyancy - due to its constant volume - throughout the dive at any depth.

How to use ...

Push the red button to open the valve while descending (at shallow depth). Water will enter the tube and will reduce the air chamber volume. Fine-tuning: push the red button and go up a bit to increase lift or go down a bit to decrease lift. Once 100% neutral buoyancy is obtained, release the red button to close the valves.



The HugyFloat system comes in three sizes depending on the how much lift is required, the L350, L320 or L220 tubes are to be used.

www.hugyfot.com

AOI UMG-01 Magnifier



This is the AOI UMG-01 LCD Screen Magnifier for Olympus Compact Housings.

It cuts out annoying screen glare in bright water and it allows you to get a large, sharp magnified image from the camera's LCD screen.

The key feature here is that it will allow you to actually see the screen in bright conditions! With this loupe-style viewfinder you can cut out the glare that you've probably experienced when shooting in water with lots of sunlight.

The magnifier snaps directly and securely on to the back of the housing, replacing the existing screen hood. You can adjust the focal length of the eyepiece.

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Fantasea FML Ports for Mirrorless Housings



Fantasea has unveiled its new FML lens port system for mirrorless housings, which is compatible with the company's new FA6500 housing for the Sony a6500 and a6300.

The system comprises a flat port, dome port, port extension, and lens gears for the Sony E 10–18mm f/4, Sony E PZ 16–50mm f/3.5–5.6, and Sony E 30mm f/3.5 Macro lenses. The system can accommodate the Sony FE 50mm f/2.8 Macro via the flat port and two port extensions, and the Sony E 16mm f/2.8 with or without Sony's Fisheye Lens or Ultra-Wide Lens Converters via the dome port.

When using the dome, an additional light shielding pad is available to block any light inside the housing from reflecting on the lens or dome.

www.fantasea.com

Aquatica Olympus OM-D E-M1 Mk II



The Aquatica Olympus OM-D E-M1 Mk II physical dimensions are very similar to its predecessor, the OM D E-M1. However, we came out with a few improvements over our first-generation housing that will improve your underwater experience.

The Aquatica AE-M1II housing is all about ergonomics. AE-L/AE-L, shutter and front dial are still easily accessible with your right hand on the grip, but two new levers have been incorporated to allow the photographer easier access to the REC and Fn2 buttons, hence exploiting the great buttons customization options Olympus offers.

In the back, all menu navigation buttons have been brought closer to the side of the housing to allow easier reach. AF and HDR buttons have also been moved from the top to the back to facilitate access using your left hand thumb.

www.aquatica.ca

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Issue 97/22

Ikelite 200DLM/A housing for Olympus PEN E-PL8



This powerful compact housing packs in all of our latest upgrades to controls and ergonomics. The shutter lever has been updated to a more sensitive and natural feeling curved design. The standard control hugs the side of the housing for comfortable use when hand holding. It can be easily extended using the optional Shutter Trigger Extension # 4077.93 to put it within easy reach when using a right-hand quick release handle.

Controls are located in the same configuration as on the camera to replicate the muscle memory and familiarity you've developed with your camera on the surface.

Even our push buttons have been redesigned to reduce weight and salt build-up. The video record start/stop button is bright red anodized so that you never miss the action. The back of the housing features laser engraved

control symbols which will never fade or fall off.

The camera mount is front-loading for easy installation and removal. A small mounting plate attaches to the bottom of the camera and secures in the front of the housing. The camera mounting plate does not need to be removed from the camera for surface use or when changing the battery or memory cards. The mounting plate features a 1/4-20 threaded mount on the bottom so that it can be attached to a tripod on the surface.

The camera's large, super-bright LCD screen is viewable edge-to-edge through the back of the housing.

www.ikelite.com

www.uwpmag.com



Vision Hero 5

The most advanced GoPro housing ever ...

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Product information

Sea & Sea SA8 Ball Base for Accessory Shoe II



The large locking nut makes fitting and removing easy. Even when the ball base gets stuck due to salt residue or corrosion, you can easily loosen the nut in the shaft, via a specially designed access hole, to remove it.

The retaining plate is supplied as a standard accessory so the ball base can be used with non-SEAS&SEA housings.

Specifications

Construction Corrosion-resistant aluminium alloy (anodized finish), rubber

Dimension (W×H×D) 67×35×35 mm / 2.6×1.4×1.4 inch

Weight 55g / 1.9oz

Subal Navy line



Subal Navy line housings are made of high quality, light weight aluminium in marine standard for salt water. Special hard anodizing layer as final surface protection is resisted on scratches and salt water as well. Our matt colour finish is specially designed to be anti reflex on all light sources. Also come with black/grey Subal handle strap as special edition.

Subal Navy line can use all type of Subal ports and extension rings for all type of lenses that are used in underwater photography and all Subal accessories. One of the biggest advantages from NAVY line is that it can be used almost with all types of lenses on the market on special request. Long distance lenses like 200mm, 300mm, 200-500mm and others can be used in specially designed ports for military purpose.

Subal Navy line housings are made for the special requirements for Navy and Army needs.

www.sea-sea.net

www.subal.com

www.uwpmag.com



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Retra Flash pre-production update!



You are the driving force for the new Retra Flash. We have kept our heads down and worked tirelessly to achieve the goals we set and your feedback has motivated us to make improvements in performance and handling.

Updated tech-spec:

- 100W/s
- Recycle time @ 100%: 1.7s (4x eneloop pro), 0.8s (8x eneloop pro)
- Number of flash @ 100%, 0.5Hz: 450x (4x eneloop pro), 900x (8x eneloop pro)
- 300 lumen pilot light
- Pilot light burn time @ 100%: 3h (4x eneloop pro), 6h (8x eneloop pro)
- 5400K color temperature (4500K with wide angle diffuser)
- 110° beam angle
- 9 manual exposure levels

- S-TTL with +/- 2 F-stop adjustment
- Slave mode with smart pre-flash cancellation
- 4 level smart battery indicator
- Electrical connector options: S&S 5 pin, S6, N5 and Ikelite 5 pin
- Inon and Sea&Sea dual compatible optical connector
- Length = 120mm. Diameter = 102,5mm. Weight = 685g (without batteries and accessories, including 1" mounting ball)
- Underwater weight = -50g
- 100m depth rating
- 2 year extendable Retra Warranty

Standard package includes:
 Retra Flash, 1" ball mount, Warm diffuser, Neoprene protector
 2 year extendable Retra Warranty

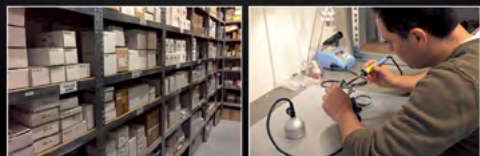
www.retra-uw.com/blogs/news/retra-flash-pre-production-update

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- ✓ Professional advice
- ✓ Wide range of cameras



Ikelite 200DL housing for Canon EOS 80D



Canon cameras are known for their great ergonomics. We extend this underwater, providing larger controls and push buttons which are easy to access even with thick gloves. Whenever possible, controls are located in the same configuration as on the camera to replicate the muscle memory and familiarity you've developed with your camera on the surface. Control symbols laser engraved into the back of the housing will never peel off or fade even with years of use. The camera's large, super-bright LCD screen is viewable edge-to-edge through the back of the housing.

The front-loading camera mount makes installation and removal a breeze. The camera mounting plate allows ready access to the battery and memory card, and features a standard 1/4-20 mounting point for attachment to a tripod topside.

The single most important

upgrade is our long awaited new Dry Lock (DL) port system. This exciting new system is even more robust and even easier to assembly than our time-tested Four Lock (FL) system. The new ports are lighter and more adaptable, and can accommodate extremely large diameter lenses with ease. If you're considering shooting professional quality lenses like the Canon EF 16-35mm Type II/III or the Canon EF 11-24mm, then the DL system is essential.

Most popular zoom lenses

and select lens focus rings can be engaged using a simple yet effective gearing system that puts adjustment right at your fingertips. A large, soft-touch lobed 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. All are lightweight and affordable. Refer to the DL System Port Chart to choose the correct gear. Zoom gears sold separately.

www.ikelite.com

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TTL convertes for Nikon, Canon, Sony DSLR and MILC





www.trt-electronics.com

Gladius Underwater Drone



The Gladius Underwater Drone is capable of diving up to 100 meters (328ft) deep with a horizontal range of 500 meters (1,640ft), while staying submerged for 3 hours, allowing you to capture Ultra HD 1080P/4K quality photo and video directly to internal storage or live stream your dive in real-time. Whether you're a scuba diver, underwater photographer, commercial diver, oceanographer or just want to have fun, we've intelligently engineered Gladius with features to fit a wide range of uses.

With easy to operate piloting controls, low-light sensors and image quality algorithms, Gladius empowers anyone to explore while capturing crystal clear, distortion free imagery at depths of 100 meters.

Whether you're a scuba diver, underwater photographer, commercial diver, oceanographer or just want to have fun, we've intelligently engineered Gladius with features to fit a wide range of uses:

- Most Affordable - Compared to other underwater drones with similar features, Gladius is a steal at \$599.
- Easy To Control - Piloting is easy with its quad thrusters, four degrees of freedom and gaming-like controller.
- Long Range - Semi-tether connection increases range to 500m and 100m deep, triple the industry average.
- Image Optimization - Light sensors and image optimization algorithms create stunning 4K videos without



distortion.

- Portable Case - Weighing only 6.6lbs and measuring 16.9"x10.2"x3.7", transport anywhere via backpack or Gladius' hard-shell case available in the Professional pack.

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Get Advanced - \$799

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www.indiegogo.com/projects/gladius-submersible-underwater-drone-technology#/

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CineBags CB76 Tool Kit



CineBags have released the CB76 Tool Kit for underwater photographers!

After a successful launch of the CineBags CB70 Square Grouper at the 2016 DEMA in Las Vegas, CineBags is proud to release our latest product, The CB76 Tool Kit.

The CB76 is durable padded pack to organize and store the most essential tools needed for the maintenance and repairs of your underwater housing.

Made from heavy duty tarpaulin fabric, the bag has multiple zipped compartments made from see through mesh to making locating items easier.

The CB76 Tool Kit is shipping now and will be available through our dedicated CineBags dealer network like Reef Photo, Blue Water Photo, and others.



www.cinebagsunderwater.com



**Not a Digital SLR,
not a film SLR,
but with a picture quality
that exceed the two!**

APSG-sdQ

**Underwater Camera Housing for
SIGMA sd Quattro / sd Quattro H**



<http://acquapazza.jp/en>

Anglerfish Trigger remote slave sensor



The optical capability of the trigger will allow the user to store the trigger in his or her pocket and use the trigger on the spot as required. You can use the trigger to perform off-camera lighting and to decouple the strobes from the camera giving the photographer ability to create creative lighting. It can be used in macro snoot application for difficult snoot light setup or it can be used in wide angle application such as wreck or cave photography.

An underwater photographer who is already shooting macro with twin strobe setup can simply carry the trigger in his pocket.

Once the lighting is setup with the appropriate light modifier (snoot), the diver can move around the subject to get the proper framing. By decoupling the camera from the

strobe, the diver can move around and frame the subject without disturbing the lighting.

Main Features

- Dual optical and electric sync cables
- Compatible with all strobe models
- Intelligent ambient light sensitivity compensation via on board computer
- Type III hard anodized aluminum housing for maximum durability
- Depth rating of 100m
- Comes with USB charger and universal plug
- Ultra fast electronics able to achieve maximum sync speeds faster than 1/320s!
- Up to 40hr of shooting time on a single charge. Up to 300day of battery duration in the sleep mode
- Environmentally friendly design. Lead (Pb) free and RoHS compliant

www.uwcamerastore.com/anglerfish-trigger-remote-slave-sensor.html



KELDAN VIDEO 8X 11000LM CRI92
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BY UNDERWATER PHOTOGRAPHERS



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DUAL OPTICAL AND ELECTRIC CONNECTION



WORKSHOPS

BLUE HERON BRIDGE
Year-Round

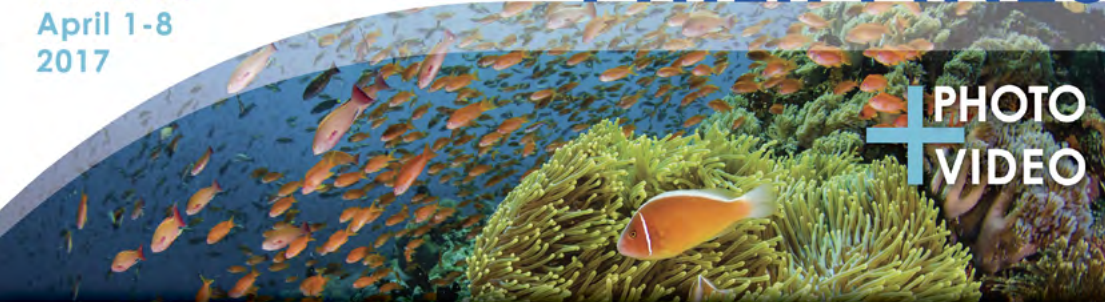
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Gates Seal Check Lite



The next evolution in Gates legendary reliability is Seal Check Lite.

Representing peace of mind, Seal Check Lite provides confirmation of housing integrity before submersion. Virtually gone are the days of flooded cameras.

Seal Check Lite is travel friendly, weighing a mere 11oz / 320g and fits nicely into small spaces with your Gates housing.

Be assured your Gates housing is sealed and ready to capture your finest images 24/365. No need to take a chance... just take a Gates!

Compatible with nearly all Gates housings.

www.gateshousings.com

Sealux Sony HDF55



The Sealux HDF55 is a safe, tailor-made housing for the professional PXW-FS5 4K 4:2:2 10 bit camcorder made by Sony. This means it is one of the smallest and lightest aluminium underwater housings on the market for the PXW-FS5. With this housing our main focus has been on operational versatility.

2 additional sockets (optional) allow connection of external devices, for example, an external monitor/recorder and a vacuum-system. The basic model features screw plugs instead.

Using the full range of Sealux ports, the housing is perfectly equipped to work with most combinations of lenses and adapters. Like the FS7 housing, the Sealux FS5 housing features 3 M6 bolt-on points on the underside, situated right and left at a 30° angle, respectively, for runners or a buoyancy system, for example.

www.sealux.de

www.uwpmag.com

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the USA

"Often copied,
never equaled"

Sea Slugs of India

by Deepak Apte & Digant Desai

Tiny, cryptic, brilliantly coloured and highly diverse in nature! Yet Sea Slugs in India are little known entities.

Mostly lacking a shell but adorned with spectacular colours, they use an assortment of defences to keep their predators at bay, even reusing their toxic chemicals and stinging cells! With specific food and dwelling needs, they form important indicators of a habitat's health.

But so far, only about 400 species are known from the Indian coastline. This field guide provides up-to-date information about 361 species, their geographical range and how to identify them. The guide is replete with 666 colour plates of live animals, making it highly engaging. Written in a lucid style, this user-friendly guide will be of interest to students, teachers, researchers, policy makers, divers and beachcombers.

www.bnhs.org



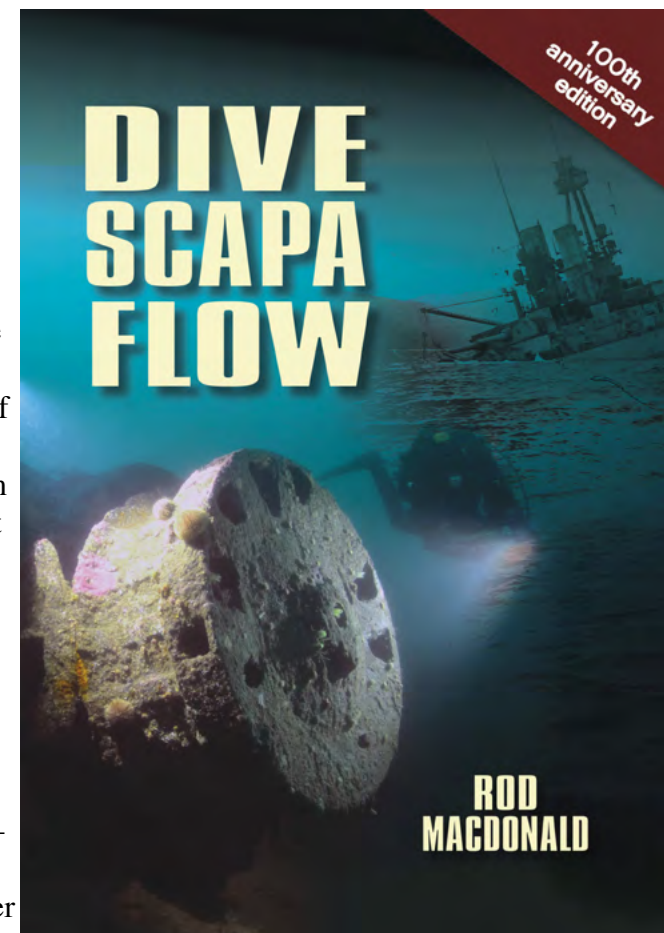
Dive Scapa Flow 100th anniversary Edition

Dive Scapa Flow has been THE definitive guide to diving the fabled wrecks of Scapa Flow, one of the world's greatest wreck diving locations.

This completely re-written and updated centenary edition marks the 100th anniversary of the scuttle of the 74 warships of the interned German High Seas Fleet at Scapa Flow on 21st June, 1919 the greatest act of maritime suicide the world has ever seen.

The dark depths of Scapa Flow conceal the remains of several of the Kaiser's WWI High Seas Fleet. Three massive 575 feet long 26,000-ton König-class battleships await exploration huge underwater mountains where divers can see the last 12-inch big guns to have fired at British warships at the Battle of Jutland in 1916; or drift along rows of 5.9-inch secondary battery casemate guns and see massive masts and heavily armoured spotting tops.

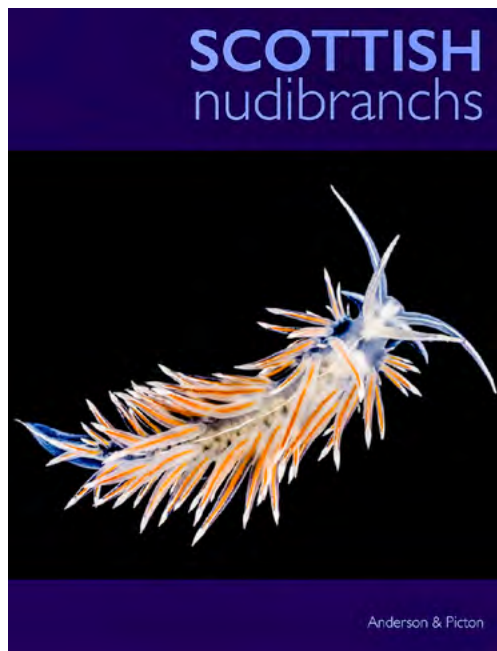
Four 5,000-ton, 500 foot long, kleiner kreuzers, Brummer, Cöln,



Dresden and Karlsruhe lie on their beam ends open for inspection with parts that remained on the seabed of many other High Seas Fleet vessels as they themselves were lifted to the surface during the greatest feat of underwater salvage that has ever taken place.

www.whittlespublishing.com/Dive_Scapa_Flow

Scottish Nudibranchs



A photographic guide to the nudibranchs and other sea slugs recorded around the coast of Scotland. 107 species are described and illustrated, with up to 8 images for each species, including their spawn and food, and general information on the main groups.

There are also distribution maps for 102 species and reproductions of the illustrations from Alder & Hancock's 1845-55 monograph for 74 species.

Available from the iBook Store - £12.99 and a reduced version suitable for Kindle at Amazon for £9.95.

www.nudibranch.org

Videux

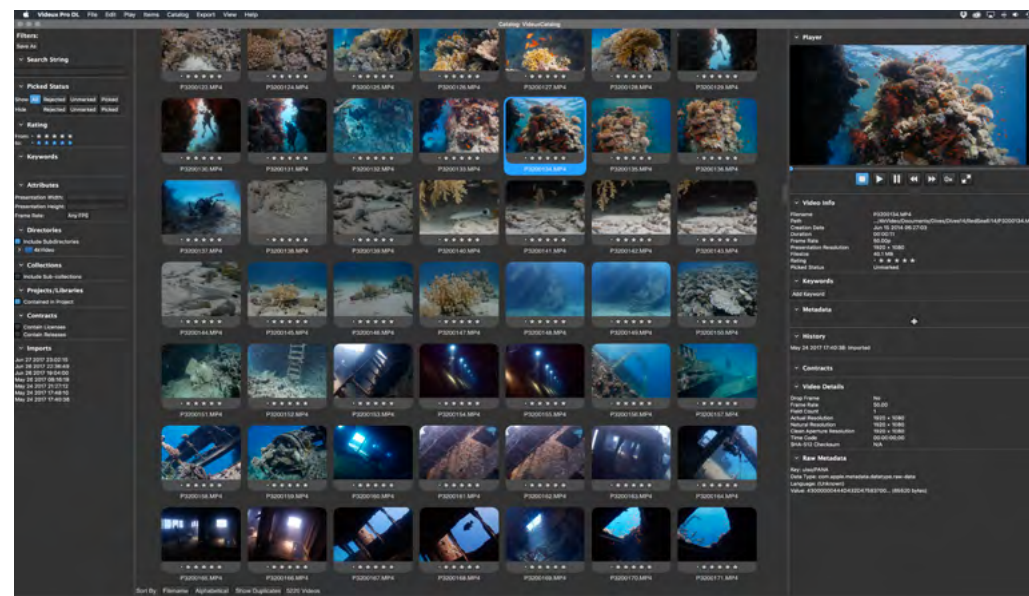
Introducing Videux, a powerful organizer, player, and workflow assistant for video that is highly optimized to get tens of thousands of videos organized and ready for editing. Videux is an indispensable tool for stock videographers and people with large video libraries.

A mashup of the word video and d'eux (meaning "of them"), a word borrowed from our love of New Orleans. While it's perhaps not proper French, we think this portmanteau is à propos.

With effective organizational features, Videux can handle just about any video collection with ease, tagging them with keywords, ratings, and flags. Videux keeps track of model releases, license agreements, metadata, and much more, making it easy to see at a glance the state of your video library.

Easy to use collections make quick work of organizing an edit. Integration with Final Cut Pro X, iMovie, and Premiere Pro makes your workflow faster and easier. A history view shows exactly what has been done with each individual clip.

Optimized for video, Videux can deal with very large numbers of video clips. Whether there are 100 or 100,000 clips in your library, Videux can tackle them and make it fast and



easy to find just what you're looking for using the logical, powerful, and intuitive filter-based user interface. A single click duplicate finder means an end to duplicates that waste storage.

As a sleek video player, Videux makes comparing clips, culling, or just plain viewing quick and easy. Fast clip-to clip movement, full-screen playback, multi-speed playback, frame accurate timecode display (version 1.1), and a skimming playhead mean the user can find elusive moments in a given clip in no time.

Playlists make it easy to string together multiple clips for viewing or presentation. Playlist clips can be dissimilar in any way - mix clips of different resolution, frame rate, containers/codecs - and Videux will happily play them in sequence. Clips

can be repeated inside a playlist, and with the loop option and fullscreen playback, Videux becomes a standalone video kiosk.

"Videux is a problem solver, born to bridge a gap between capturing footage and delivering it. There is the nature videographer who needs to be able to cull and rate footage and keep track of the licenses for clips sold. There is the one-person documentary filmmaker that needs to be able to find key moments in hours of interview footage and then organize clips before sending to the editor. There is the YouTube channel that wants to keep track of what it has done and what it will do next. We designed Videux for these people."

www.Videux.com

www.uwpmag.com

Exploring Britain's Hidden World

The Natural History of Seabed Habitats

Keith Hiscock, Marine Biological Association of the UK

Marine biologists have been exploring the shallow seabed around Britain for more than 200 years. Over the past 50 years especially, existing data and new survey information has been collected and analysed to make a complex world understandable and to support marine environmental protection, management, education and enjoyment. This book gives a brief account of those studies and many of the individuals and organisations that have collected and organised the knowledge gained. Photographic images and line drawings 'bring alive' the catalogue of seabed habitats and are the major part of the book. Finally, this book looks at the remarkable ways we can now visualise the seabed and access information. It looks forward to new developments that will help fill the many gaps still remaining in our knowledge.

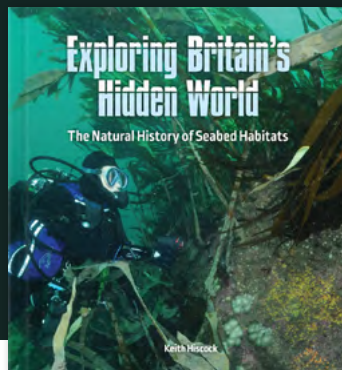
This book is the culmination of 50 years of research by the author to better understand what subtidal seabed habitats occur where around Great Britain together with the environmental and biological factors that determine the character of their associated marine life. This volume is intended to inform the reader with minimal technical terminology. It is intended to be enjoyed, to inspire and, hopefully, to surprise.

Exploring Britain's Hidden World:

- Describes the earliest days of sampling seabed habitats to catalogue the assemblages of species that occurred there.
- Explains some of the main physical and chemical (salinity) characteristics of the seabed environment and which are most important in shaping the types of assemblages of species that occur there.
- Mentions 'Britain's place in the world', i.e. biogeographical characteristics.
- Has an overview of the 20th century when distinctive assemblages of species were being described as 'communities' and lead into the classification of seabed biotopes that we use today.
- Acknowledges the current and recent sources of the knowledge that we have including statutory bodies, academic institutes, industry and volunteers.
- Illustrates seabed habitats and biotopes captioned with 'lay' descriptions but, wherever possible, indicating the biotope shown (the major part of the book).
- Gives an account of 'change': long-term, seasonal and stochastic including change brought about by human activities such as the introduction of non-native species.
- Identifies what we have done and what we need to do to protect seabed habitats and species including what MPAs will and will not do.
- Looks into the future and how seabed habitats will be surveyed and mapped but also the role of academic institutes, volunteers, industry and environmental protection agencies in collecting that information.

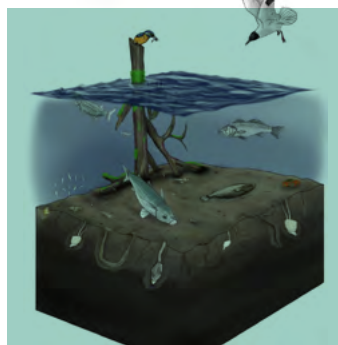
Exploring Britain's Hidden World is intended for:

- The interested public, especially marine naturalists and divers.
- Those who have a role in using, studying and protecting seabed habitats.
- Students from secondary to university levels who are learning about ecology and conservation.



It was going to be cold (so a tin of treacle was consumed for energy), it was going to be wet (there was no relevant protective clothing so a few layers of tweed trousers and woolly jumpers would have do), but at least there was a telephone to dictate your scientific observations to a scribe at the surface (although that was needed to ask for "more air, more air"). It's 1931 and a hardy group of young scientists were embarking on the first habitat survey by diving in Britain.

(Image: Jack Kitching)



Estuarine habitats are difficult to visualise because water is usually highly turbid and, anyway, most of the sedentary species burrow into the sediment. Here, the seabed is colonised by bivalve molluscs and by worms (*Arenicola marina* and *Hediste diversicolor* in this image). Fish such as mullet () and flounder are frequently present and mysid shrimps and crabs *Carcinus maenas* occur.

(Image: Jack Sewell)

The book relies greatly on images, from early line-drawings and photographs of the personalities who ventured ideas, through accounts and illustrations of seabed sampling that identified 'communities' through to recent images (photographs and coloured drawings) of seabed biotopes and, finally, the sort of equipment and images that will be used in the future.

The book is written and illustrated by leading marine biologist, underwater photographer and conservation scientist Dr Keith Hiscock. Coloured line drawing are by Jack Sewell.

In view of the role that the book should play in informing a wide audience about Britain's seabed habitats and acknowledging the sources of that knowledge, sponsorship is being sought from government agencies and industry.

CONTENTS

Foreword

Preface

Exploration and discovery: the first 150 years

Gathering knowledge and creating information

Introduction: the past 50 or so years

'Traditional' methods

Scuba diving 'takes-off'

How we made sense of it all (biotopes)

Shaping the seabed environment

Our place in the world: biogeography

Ocean currents

Tidal currents

Wave action

Light and depth

Weather events

Salt and fresh

Physical and biological factors: bringing it all together

Habitats

Sediments

Rocky areas

Wrecks and other artificial substrata

Sea lochs

Voes and Rias

Extremely tide-swept habitats

Estuaries

Saline lagoons

Species as habitats

Change

Introduction

Seasons in the sea

Weather events

Non-native species

Warming seas

Decadal scale change: as if it was yesterday?

Protecting what we have

Introduction

Threats

Measures

Marine Protected Areas – what they will and will not do

What you can do

The future is here!

Introduction

Finding information

Making seabed biology information 'useful'

Visualisation

Collecting new information

Glossary

Index

Hardback Extent: 288pp Size: H 229mm x W 215mm

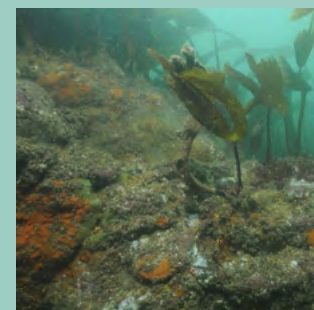
RRP: £25.00 Publication: Autumn 2017

wildnaturepress.com



In three known locations on the west coast of Scotland, the tube worm *Serpula vermicularis* forms castle-like reefs up to 80 cm high. The reefs are structurally complex and provide shelter and an attachment for many others species.

'*Serpula vermicularis* reefs on very sheltered circalittoral muddy sand' (A5.613 / SS.SBR.PoR.Ser).



Extremely tide-swept habitats

Tide-swept habitats occur off headlands and where two land masses come close together. Where the strength of tidal currents is less than about 3 knots (about 160 cm/sec) at the surface, a great many species thrive. Between 3 and 6 knots, a smaller number of species will thrive and the assemblages that develop become typical of tide-swept rocks. In a very few locations around Britain, tidal currents will exceed 6 knots and the assemblages will consist of a few highly tolerant species.

'*Laminaria hyperborea* park with hydroids, bryozoans and sponges on tide-swept lower infralittoral rock' (A3.2122 / IR.MIR.KR.Lhypt.Pk).



The 'muddy tubes' that often make underwater rocks look more like a farmyard in tide-swept habitats are of jassid amphipods (*Jassa falcata* here).