

New products

Light & Motion Titan D100 housing

Light & Motion continues to broaden the Professional Digital Photography line with the entrance of the Titan D100 SLR Photo Housing.

The Titan D100 is designed specifically for the Nikon D100 6.1 mega-pixel digital SLR.

The D100 supports Compact Flash and Microdrive which provide massive storage capabilities that enable the user to save hundreds of high-resolution images.

The Titan D100 Housing includes fingertip



access to most camera controls using both mechanical interfaces, as well as infrared through the newly designed Smart Grips.

For further details surf to

www.uwimaging.com

Sea & Sea DX5000 Housing for the Nikon CoolPix 5000

The DX5000 has the size and weight of a compact camera, with the functionality, flexibility and resolution of an SLR system. Utilizing the Nikon Coolpix 5000, this system combines standard Sea & Sea features such as underwater changeable lenses and ergonomic design with Nikon's high resolution compact digital camera. With a large shutter release and buttons for almost every camera function, the DX 5000 housing lets you take advantage of all the great features that Nikon has put in to the Coolpix 5000.

Controls include: Shutter release, On/Off, Zoom, Focus, Flash mode, Focus zone control/ Menu access, AF lock, File size, Quick review, Menu, Monitor.

This rugged housing is



constructed of ABS and polycarbonate plastic for corrosion resistance and lightweight. Designed with flexibility in mind the housing will accept all of the current line of conversion lenses for the MIII camera. Super-wide, 2T and 3T macro are available and changeable underwater. A newly designed .056 wide conversion lens is also available for use on the housing. The housing accepts

all Sea & Sea strobes with either optical sync connections or standard 5pin "N" type cords. A tripod socket is provided for mounting on the Sea & Sea base stay for use with external strobes and arms.

Depth rating 60meters (195 feet).

For further details surf to

www.seaandsea.com

New Lenses For Olympus PT Series

UN, who design and manufacture the popular PT housings for Olympus consumer digital cameras, have released two new lenses.



The first is a macro lens to allow higher magnification than the camera's own built-in close-up facility provides. The new lens is perfect for tiny critters like nudibranchs and for detailed stills of corals.

The wide angle lens is a 0.58 reducer which provides a much greater field of view than the wide setting on the camera's own zoom. Digital cameras usually offer poor wide angle capability which is further impaired by being used



underwater behind a flat port which narrows the angle by about a third. Using the UN wide angle lets you get closer to your subject to reduce the water

column and improve sharpness. It's also ideal for working in tight spaces like the confines of a wreck.

The UN lenses are made of glass for the best possible image quality. Both are wet lenses that can be easily attached and removed as required during the dive. Because they are manufactured by UN they are perfectly matched to the Olympus camera and housing range.

Ikelite housing for Olympus C-50

This Olympus digital camera features 5.0 million pixel resolution in an incredibly small size. The housing provides controls for all camera functions, and the LCD monitor is easy to see through the housing back.

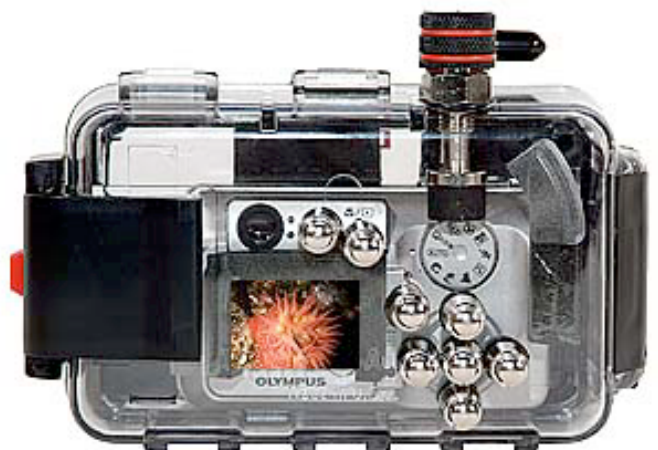
Sliding the camera door open powers up the camera, then drop it into the housing for a fun and satisfying experience.

The housing is molded of corrosion-free clear polycarbonate and operates safely to 150 feet. The flash built into the camera operates fine in the housing.

Optional aluminum base plate and single handle provides near neutral buoyancy and allows attachment of optional SubStrobes.

The flash built into the camera can provide very fine photos, but an optional DS series strobe placed farther from the lens improves the photographs by reducing the illumination of particles suspended in the water.

For further details, fly to



www.ikelite.com

Nexus D100 housings

Japanese manufacturer Nexus have just announced their housing for the Nikon D100 digital SLR.

Full details are yet to be released but there are control buttons for:

- * Function dial
- * Flash sync mode button
- * Exposure compensation button
- * Shutter release button
- * Power switch
- * Focus mode selector
- * Sub-Command Dial (Aperture)
- * Main-Command Dial (Command)
- * Multi selector
- * Protect button
- * Enter button
- * Delete button
- * Focus area lock switch

UwP hopes to do a full review of this housing in the April issue so please keep tuned for further announcements.



Fantasea CP- 4 housing for Nikon Coolpix 4300 and 885



The CP- 4 SCUBA Housing for Nikon Coolpix 4300 (4MegaPix) and Coolpix 885 (3.2MegaPix) Cameras should be available in March 2003

It is depth rated to 30

meters/100 ft and is purpose designed with full automatic and manual controls.

There are controls for Tele/ Wide angle zoom, Shutter Speed , Aperture, Macro focus and

Quick review and delete options

For more product information visit

www.fantasea.com

DX Zoom-Nikkor 12-24mm

☐ TOKYO-Nikon

Corporation is pleased to announce the development of the first DX Nikkor lens - the AF-S DX Zoom-Nikkor 12-24mm f/4G IF-ED. (18-36mm in 35mm (135) format equivalent with Nikon D1-series and D100 digital SLRs.

This will be the first truly compact, lightweight AF-S ultra-wideangle zoom lens designed exclusively for use with Nikon digital SLR cameras, and is scheduled to be released in the spring of 2003.

Since the D1, Nikon has employed a 23.7 x 15.6mm size image sensor in its digital SLRs. It was designed specifically for Nikon digital SLR cameras, and provides a wide dynamic range which makes it easier for the camera to process captured images. At present, this sized image sensor features extremely well-balanced performance that is not possible with sensors of other sizes. Needless to say, it also offers high cost-performance.

However, when a 35mm (135) format lens is used with a Nikon digital SLR, the picture angle is approximately 1.5 times the focal length of the lens (35mm [135] format equivalent). This characteristic proved to be advantageous when producing super-telephoto lenses (e.g. 600mm becomes 900mm) and fast telephoto lenses (e.g. 400mm f/2.8 becomes 600mm f/2.8). In the case of ultra-wideangle lenses (e.g. 14mm becomes 21mm), though, it turned out to be a liability as it became difficult to produce truly



compact lenses.

To resolve this problem, Nikon has adopted a new lens design specifically for Nikon digital SLRs, featuring a smaller image circle. The combination of reduced picture angle and smaller lens diameter have made possible compact body design and high cost-performance for ultra-wideangle lenses.

Nikon digital SLR users can look forward to exciting additions to the lens lineup, as the new lens design can also be applied to high-power zoom, fast (large aperture) and other such high-performance lenses.

The AF-S DX Zoom-Nikkor 12-24mm f/4G IF-ED, the first DX Nikkor lens, is an ultra-wideangle 2x zoom lens featuring a focal length starting at 12mm (18mm for D1-series and D100) for greater covering power.

The lens also incorporates Nikon's exclusive built-in SWM

(Silent Wave Motor) for fast, quiet autofocus operation. Superior overall optical performance is achieved by a new optical design featuring ED (Extra-low Dispersion) glass elements for minimized chromatic aberration, and aspherical lens elements for low distortion. The rounded diaphragm opening makes out-of-focus elements appear more natural.

This lens is being developed for professionals and advanced amateurs currently using Nikon D1-series and D100 SLRs - as well as prospective digital SLR users - who desire more lenses to choose from, particularly in the ultra-wideangle focal range.

Note: DX Nikkor lens is fully compatible with the Nikon D1-series and D100 cameras.

The British Society of Underwater Photographers (BSoUP)

The British Society of Underwater Photographers (BSoUP) was formed in 1967. Today it has over 300 members and is the largest underwater photographic society in Britain.

When it was formed, the prime objects of BSoUP were to create a forum for the exchange of ideas and information about underwater photography and put the activity on the map. Today, the Society is still dedicated to encouraging and developing underwater photography in all its aspects, from slides to cine and video. Its members vary from divers who have just started to take underwater photographs to eminent professionals who lead the world.

The basic needs of members for information and contact with other enthusiasts is catered for in

several ways.

General meetings are held in London on the third Wednesday of every month. At these meetings a particular aspect of underwater photography is discussed to help the less experienced. Led by very experienced, award winning photographers, these discussions are followed by a competition, the subject of which varies from month to month. These competitions are open to all members and provide an opportunity for those competing to see how their work compares to that of others.

The main event of each meeting is a presentation by an individual or small group, either members or invited guest speakers. These presentations can range from underwater

photographic expeditions to specialised techniques for certain types of underwater photography and talks by renowned personalities.

The meetings also provide an informal social environment where members can exchange ideas, sell unwanted equipment, arrange expeditions and enjoy a drink at the bar.

Additionally the Society produces its own newsletter 'in focus', which is sent to all members, every four months. This full colour newsletter includes news of meetings and competitions, items on underwater photography and expeditions and second hand equipment for sale.

<http://www.bsoup.org>

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