

Press Release

SUBAL EM1 Housing

September, 20.2014

SUBAL GmbH Austria announces the release of the professional underwater housing SUBAL EM1 for the Olympus OM-D EM1 digital system camera.

Subal, the world renowned professional underwater housing manufacturer based in Austria, is proud to present the **SUBAL EM1 housing**. SUBAL has now entered the mirrorless camera sector using their experience gathered in the SLR and video housing manufacturing. With its revolutionary design, ergonomic handling and renowned quality, SUBAL will set new standard in the underwater imaging industry.

Over 40 years tradition in housing manufacturing, high quality craftsmanship, ergonomical and comfortable controls are embedded in this new housing. The handling and feel of a SUBAL is unmistakable and the unmatched reliability is unbeatable.

Subal EM1 newest housing designed for one of the most acclaimed compact digital system camera in the market. The Olympus flagship model equipped with a large, high-definition electronic viewfinder, and a large grip that allows users to hold the camera firmly, while maintaining an amazingly compact and lightweight body construction.

Design and perfect handling are required by every photographer. Nothing is left to chance shooting in rough conditions. Professional photographers demand robust, highly reliable equipment, allowing access to all camera functions. We understand that just hundredths of a second can make the difference when capturing the decisive moment.



The housing will be available in September 2014 with a MSRP of **USD \$ 3,150.00**
(Port not included)

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European Craftsmanship

SUBAL incorporates decades of experience and technology, pushing the boundaries further in the underwater housing industry. Innovation and design have crystallized in SUBAL's creating the most ergonomic housing for the EM1 camera in the market.

Features and Control with handling in mind

The ease of operation and superior construction features and reliability of SUBAL underwater housing, form part of our tradition and engineering DNA. We provide innovative solutions that achieve maximum user-friendliness and comfort. All functions of the camera can be operated. Video function, menu, white balance, ISO, exposure compensation, OK, multi function keys, info, AFL, AEL among others.



Designed with handling in mind. Subal engineering team play a key role, taken in consideration the ergonomics and perfect arrangement of the Olympus EM1 controls and functions, to allow the photographer easy operation and access to all photo and video functions while holding the camera.

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Technical Specifications

The SUBAL EM1 housing is produced from a solid block of high grade-seawater-resistant aluminum. The housing is anodized, and put through a chemical hardening process. Subal is the only underwater housing manufacturer to use this patented, hard-coat anodizing. A 3 layer powder-coating is added, giving the SUBAL housing an elegant finish and further protecting it from the environment. All shafts, screws are made of high-alloy chrome-nickel steel, to extend operational lifetime. The advanced manufacturing process and high-grade materials ensure that your investment will last a lifetime. The housing, like every other Subal housing, is equipped with the **SUBAL Quick Lock** closure system for maximum safety.

Controls

- Designed for professional underwater use
- Access to all camera and video functions
- Equipped with leak alarm as standard
- Two fiber optic connectors
- One bulkhead -connectors with optional N5, Ikelite and S6 connector

SUBAL EM1 Black Version



Optional Viewfinder Options

SUBAL supplies a wide range of viewfinders to support the EM1 housing. For example the straight GS 180° viewfinder and the WS 45° enlarging viewfinder, excellent for macro shooting. The 30° prism viewfinder for video recording is also available.



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Strobe Options

Two fiber optic ports are available to fire flashes from the Inon Z-240, S-2000 or Sea & Sea YS-D1 and YS-01. This system provides full accurate TTL flash mode. Optional sync. cord connectors available on request for Nikonos V, Ikelite and S6.

Optional accessories for the EM1:

- Extensive line of SUBAL dome and flat ports.
- Gears for all major underwater lenses available.
- Easy exchange of viewfinders GS180°, WS 45° and Prism Viewfinder 30°.
- Full line of mounting accessories: arms systems, strobes, adapter, mount balls are available.

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Technical Information

	Description
Housing Construction	Machined from single block, specially treated, seawater corrosion-resistant, aluminum alloy. Hardness treatment and coated with 3 layers of powder paint.
Design	Ergonomic placement of all the important controls provides convenient and comfortable handling of all camera functions.
TTL / Strobes Options/ Flash	2 Sea & Sea or INON fiber optic ports.1 flash connector (optional) Nikonos V, IKELITE or S6 Socket.
Port Mount Type	Bayonet 2 size. All SUBAL Domes and Flat ports options available
Lens Options	Lenses from both Olympus and Panasonic can be used. Starting from the Panasonic 8mm fisheye to the Olympus 60mm macro.
Dome Ports Options	DP 100/2 , SWB and DP FE/3 with S2/S3 adapter
Viewfinder Options	Standard viewfinder supplied. Optional GSV 180°, GSV 45° and 30° Prism Viewfinders.
Leak Alarm	Yes / Standard
Display	Yes.
Dimensions	Width: 220 Height: 150 Depth 90 mm (w/o port and handles)
Buoyancy	To be Determined
Depth Range	80 Meters standard version and 120 meters TEC version on request.
Color Options	SUBAL Standard Color and Black TEC version on request.
Weight	2,2 kg incl. grips (estimated)
Controls	All functions of the camera can be operated : video function, playback, delete, menu, white balance, ISO, quality, release, BKT, Flash mode, measuring method, exposure compensation, OK, multi function keys, info, AF mode, AEL / AFL function, zoom (manual focus), lens release, lock port among others

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Lens Options

SUBAL evaluates constantly new lenses as they arrive on the market and suggests best options for underwater use. The following lenses from Olympus and Panasonic can be used. This camera offers an excellent variety of lenses for underwater imaging, from the Panasonic 8mm fisheye to the Olympus 60mm Macro.

Supported lenses for E-M1:

- Olympus M.Zuiko Digital ED 7-14mm 1:4.0
- Olympus M.Zuiko Digital ED 9-18mm 1:4.0-5.6
- Olympus M.Zuiko Digital ED 11-22mm 1:2.8-3.5
- Olympus M.Zuiko Digital ED 12mm 1:2
- Olympus M.Zuiko Digital ED 12-40mm 1:2.8 PRO
- Olympus M.Zuiko Digital ED 12-50mm 1:3.5-6.3 EZ
- Olympus M.Zuiko Digital 14-42mm 1:3.5-5.6 II R
- Olympus M.Zuiko Digital ED 60 mm 1:2,8 Macro
- Panasonic Lumix G Fisheye 8mm F3.5
- Panasonic Lumix G Vario 7-14mm F4 ASPH
- Panasonic Lumix G X Vario 12-35mm F2.8 ASPH Power OIS
- Panasonic Lumix G Vario HD 12-32mm F3.5-5.6 Mega OIS
- Panasonic Lumix G Vario 14-42mm F3.5-5.6 ASPH OIS
- Panasonic Lumix G Vario 14-42mm F3.5-5.6 II ASPH Mega OIS
- Panasonic Lumix Leica DG Macro 45 mm Elmarit 1:2,8 ASPH





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Company Background

SUBAL GMBH is an Austrian-based underwater housings manufacturer for professional camera and video equipment. More than 40 years experience in innovative, cutting edge design and state-of-the art manufacture techniques, have made SUBAL name a leader in the market for underwater professional housings.

SUBAL continues to push boundaries in the industry by providing trusted, innovative and highly reliable solutions for the underwater filmmaking and photographic industry.

With a global dealer network, we provide after-sales service, technical assistance and support on every continent, anywhere in the world.

SUBAL is committed to meet customer's expectations and provide innovative products to the underwater imaging world.

Please contact your local dealer for more detail information.

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