

SEALUX – Universal housing UNM190 for the new Sony Camcorder generation

SEALUX Universal housing with integrated high-resolving 16:9 color monitor will fill you with enthusiasm. More than 100 camcorders find a functional and safe housing up to 90 m depth. Elegant in design, on the latest stand of technology and future adapted.

Our 17 years of experience in building underwater housings is reflected in this new product. The result is an universal housing with highest flexibility, easy handling, solid and reliable. With minimal dimensions and lightest weight we fulfil the topical requirements. All Sony camcorders can be used which are equipped with a **LANC-socket** for remote control. They must not be larger than 190mm, wider than 132mm and higher than 116mm.



Most important features:

- the only universal housing with large 3.6" 16:9 color monitor
- 10 functions operateable from the handle
- digital photos and videos are possible in one dive
- best handle position in the middle of the housing, this means no blurring of pictures.
- high flexibility and optimal adjustment of the camcorder on the tripod-plate.
- wide-angle ancillary lenses of best quality also useable over water.
- unique solution for swivelable filter at an universal housing.
- the complete SEALUX video system, this means housing and light system can be packed in the ultralight transport case!

Housing: made of seawater proof aluminium, milled of monoblock CNC, hard-anodised and specially seawater resistant sealed. The camcorder is fixed directly on the tripod plate in the rear part.



- Front pane with change port bayonet:** of optical glass, color neutral, sealed twice with cover.
- Lockings:** two quick-action closures with safety lockings against unintentional opening.
- Microphone:** a high quality electret microphone records underwater sounds.
- Handle support:** with soft handles which are detachable for the transport.
- LED-control:**
- red for Record
 - green for Camcorder ON
 - green blinking – no cassette
 - yellow for moisture indicator activated (special accessory).

Monitor rearside: the high resolving color TFT-LCD monitor offers a sharp picture of 3.6" in 16:9 format that is rich in contrast.

- On- and Off switching of the monitor functions automatically with ON-OFF of the camcorder.
- due to the viewing angle of 15° to the swimming position and the efficient sunshield you can perfectly watch the picture taking even in shallow water.



- Monitor:**
- Picture size: 3.6" (92 mm) diagonal
 - Display dimensions: 78.2 x 45.8 mm
 - Picture ratio: 16:9
 - Resolution: 960 x 234 = 224.640 pixel
 - Point distance: 0.0815 mm horizontal, 0.196 vertical
 - Brightness: 250 cd/m²
 - Contrast: 350:1
 - Video Input: PAL or NTSC
 - Operation voltage: 12V
 - Electricity supply: 10 NiMH accumulators 2.3 Ah
 - Operation time: 4 hours



- Monitor connection cable:- Pawl
- Chinch
 - 10 polar

Assembly bar: is designed for optimal adjustment of the camcorder. Diagonal adjustment by long slots for the tripod screw and adjustment **alongside** – by adjusting the assembly bar to the **rearside**. With that you can get an adjustment without steps. This is only possible with SEALUX Universal housings. The large useable width of 132 mm offers enough room for the hand loop and the monitor connection – advantages which can lightly be overlooked. A silicone plate with tripod screw secure the camcorder.



Push-button control:

The proven RX5 control via Remote-Lanc socket enables you to call up to ten functions by pushing the buttons. Due to the arrangement of the operating keys directly on the housing the handle support can be dismantled for transport. The ergonomic arrangement of the buttons allows good operation with gloves directly from the handle. No risk of blurring the picture.



Functions left:

- Photo
- Manual focussing far
- Focussing near
- Autofocus ON/OFF
- Tape/Card changeover



Functions right:

- Record
- Zoom-Tele
- Zoom-far
- Backlight ON / OFF



Special equipment:

UW-Color correcting filter: the URPRO – color-correcting filter for blue water can be swivelled to the front and is detachable for the transport. No risk of losing the filter. A SEALUX solution without compromises.



Wide-angle ancillary lenses: **Super wide-angle HD-5050 PRO ancillary lens** with factor 0.5 offers a doubling of the picture. It is fully zoomable and is screwed directly onto the camcorder by means of the adapter rings. 6 adapter rings with threads of 27; 30; 30.5; 37; 43 are included in the price. The wide-angle ancillary is 36 mm long.

Aspherical wide-angle ancillary lens with a factor of 0.5 can be zoomed up to threefold, needs only 11 mm length and is clipsable in the area from 27 mm to 37 mm.

Close-up lenses – only for the macro field. Particulary during the night we recommend the close-up lens 1 to 3. Please name the thread when order.



Moisture indicator:
Stabilising wing:
Transport case:

acoustic, optical, controls the well-being of the camcorder.
for fixing the SEALUX light systems.
the transport case with minimal weight of only 2.6 kg allows the storing of the complete video system with SEALUX illumination. The dimensions of only 500x390x190 mm allow to be carried as hand luggage.



The front cover is included in the price.

Further accessories see: [SEALUX](#) accessory and light systems.



Dimensions and weights:

Dimensions: L 311 mm x B 226 mm over keyboard x H 159 mm

Weight: 4250 g

Tested depth: 90 m

Guarantee: 2 years

SEALUX – the easiest way to the best underwater photographs!