



SeaLapse-Photo



Time Lapse Photography

Flat or Hemispherical Port

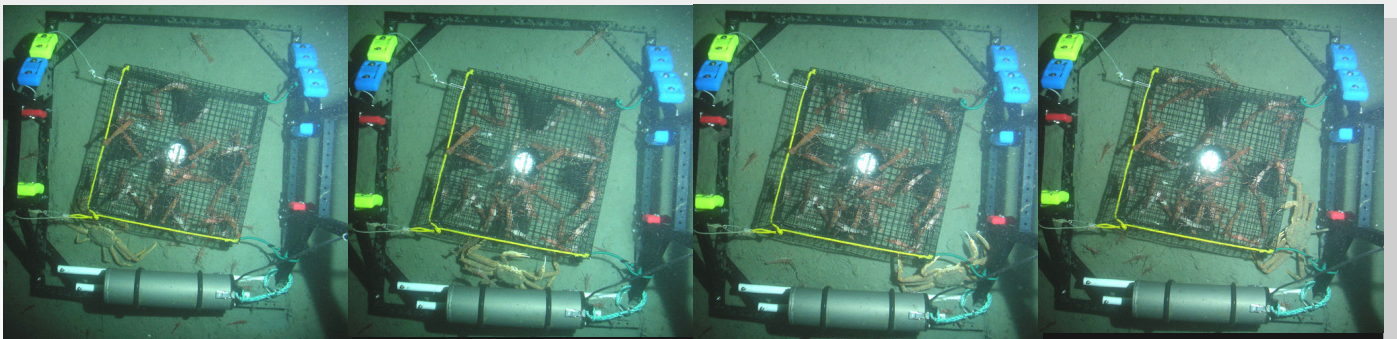
14.6 MP SLR Camera

1,000m or 6,000m depth

SeaLapse-Photo is an autonomous time-lapse still camera system. It consists of a SLR Digital camera and its time-lapse controller housed inside a subsea enclosure rated for either 1,000m or 6,000m depth. The time-lapse device controls the shutter release of the camera, enabling to take pictures at pre-defined intervals.

SeaLapse-Photo is pre-programmed before each mission to run up to eight time-lapse photography sessions. Two powerful strobes complete the system allowing taking pictures in darkness conditions. The system is powered from a separate battery pod that connects to the main camera housing.

For ease of operation and to avoid opening the enclosures in between deployments, the system is powered up and down via a switch located on the end-cap. Pictures can also be downloaded via an external USB connector.



Subsea Engineering
& Scientific Imaging

Specifications

Mechanical

	1,000m	6,000m
Depth Rating:	Aluminum	Titanium
Housing Material:	Acrylic or Glass	Borosilicate Glass
Window:	Flat or Hemispherical	Hemispherical
Length:	43.8 cm / 17.25 Inch	35.3 cm / 13.9 Inch
Body Diameter:	21.5 cm / 8.5 Inch	22.8 cm / 9.0 Inch
Weight in Air:	Approx. 12 Kg / 27 Lbs	Approx. 27 Kg / 60 Lbs
Weight in Water:	Approx. 0.9 Kg / 2 Lbs	Approx. 16 Kg / 36 Lbs

Others

Voltage:	12VDC
Current Draw:	50 mA in sleep mode – up to 4 Amps when charging the strobes
Minimum Time between Pictures:	20 Seconds
Standard Camera:	14.6 megapixel Pentax K20D
Standard Connectors:	Power: BH-2-MP Switch: MCBH-2-FS Strobe No.1: MCBH-3-FS Strobe No.2: MCBH-3-FS USB: MCBH-5-FS
Dry Nitrogen Fitting:	¼" NPTF with Ball Valve
Pressure Relief Valve:	Titanium, 1 psi cracking pressure

Specifications subject to change without notice

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