



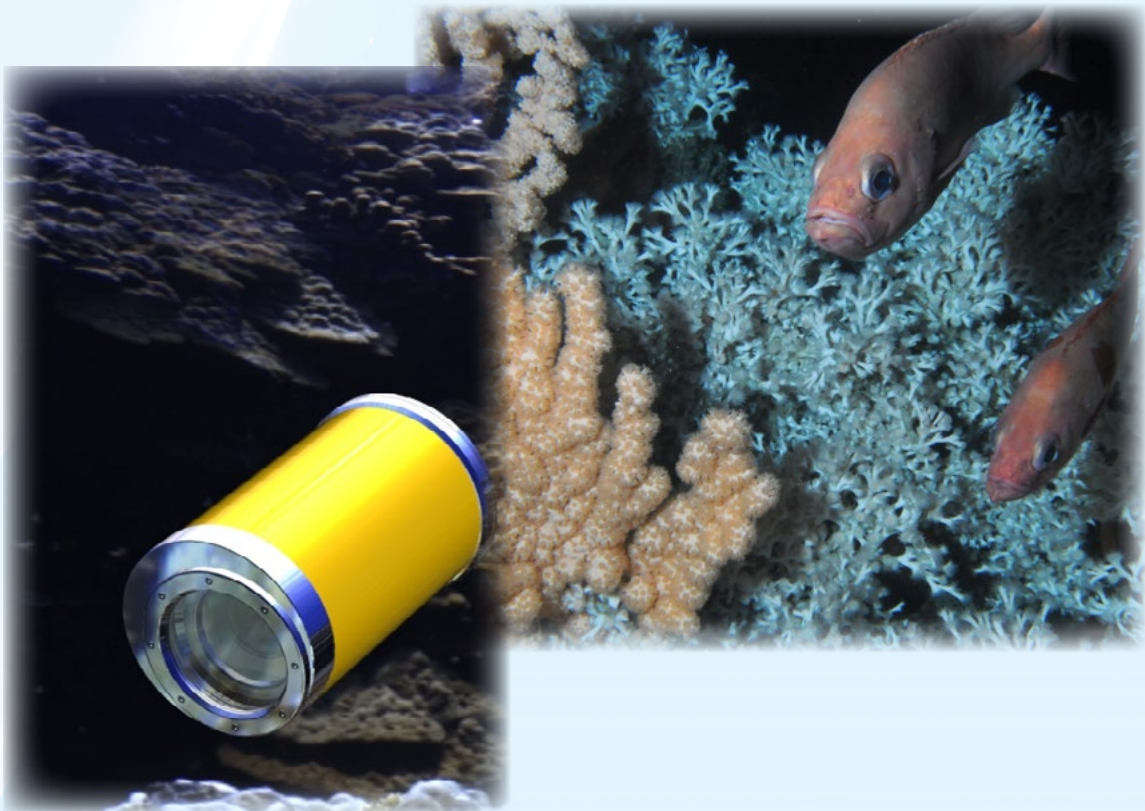
DSC 5210 Deep Sea Camera

Metas DSC-5210 Deep sea camera is designed for long term deployments. The camera housing is made of carbon fiber, with titanium GR2 end caps. The connectors are also made of titanium.

Shoot intervals are easily programmed in the internal mission planner via included software.

Powerful internal rechargeable batteries powers both camera and flash systems to take several thousands of pictures. The mission planner puts the system in to sleep mode between shots.

The camera is delivered with an USB interface to access pictures and operate the camera. The mission planner can activate this feature via included software.



DSC 5210 Deep Sea Camera

Technical specifications:

<i>Size</i>	:	Ø184 x 405 mm (d x l)
<i>Material</i>	:	Titanium GR2 Carbon fiber
<i>Sealing</i>	:	Dual, Radial and Axial
<i>Depth rating</i>	:	150 Bar
<i>Weight</i>	:	16.4 kg
<i>- in water</i>	:	5.6 kg
<i>D- Version</i>		
<i>Depth rating</i>	:	250 Bar
<i>Weight</i>	:	18.0 kg
<i>- in water</i>	:	7.2 kg

Features:

High-sensitivity 18 Megapixel CCD

ISO 100 - 6400

18 - 55 mm zoom lens (wide-angle) with optical Image Stabilizer.

Lens crop factor - 1,6 Fixed focus

Setup of mission planner via software.

Up to 128 GB memory card (SDXC) for internal recording.

USB interface for downloading pictures and camera settings

RAW (25 MB) and/or JPEG (Variable) image recording

DIGIC 4 image processor for clear, sharp images.

Option:

USB interface and software for remote tethered shooting.

Long housing for extra internal batteries for autonomous deployment.

Installation brackets.

Interface and mounting bracket for stereo photography

Operation time with standard internal battery:

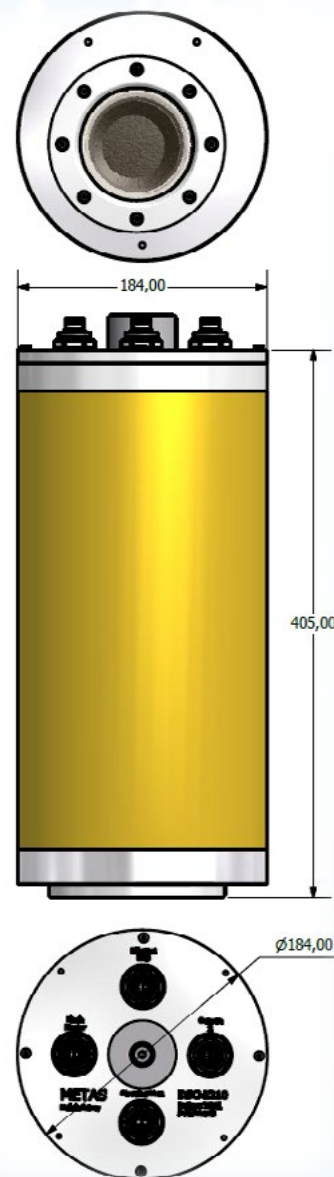
60 picture/hour	:	4 days - 6000 pictures
6 picture/hour	:	30 days - 4500 pictures
1 picture/hour	:	125 days - 3000 pictures

Environment

Temperature

Operation : 0°C to 35°C.

Storage : -20°C to 70°C.



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