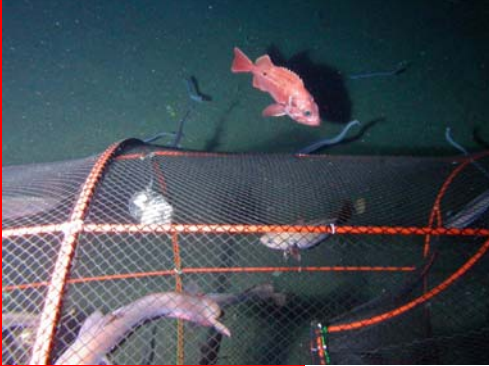


DSC 6000 Digital Still Camera



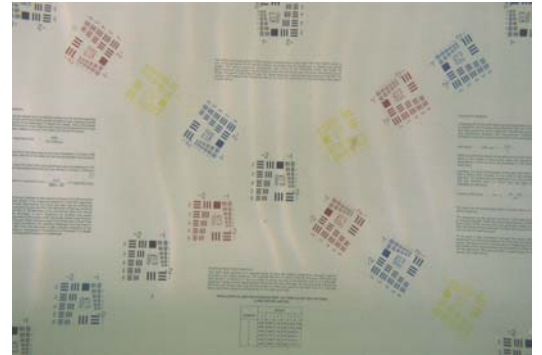
Picture taken with Ocean Imaging Systems DSC 4400

The Ocean Imaging Systems DSC 6000 Digital Still Camera is the next step in underwater digital photography. Featuring a 6.1 million pixel sensor, a Nikon F mount lens, high pressure optical glass view port and various housing options, the DSC 6000 offers unparalleled image quality for ROV, towed and autonomous applications.

By utilizing a completely unmodified Nikon D70 digital camera, the DSC 6000 is able to utilize high quality Nikon 35mm lenses, while allowing for relatively inexpensive and easy swap out of the camera body and/or lens, should service ever be required.

A custom control PC board provides autonomous intervalometer functions, remote control capability, video line driving, and high efficiency power management, required for long term deployments.

The mechanical packaging and electrical design for the DSC 6000 have been done with an eye towards upgrading the camera body as new and higher performing cameras become available. The camera is offered with three housing options (17-4 Stainless Steel, 6AL-4V Titanium and 6061-T6 Aluminum).



DSC 6000 Test Image



The DSC 6000 Housed in a 4000 Meter Titanium Housing

SPECIFICATIONS:

CAMERA:

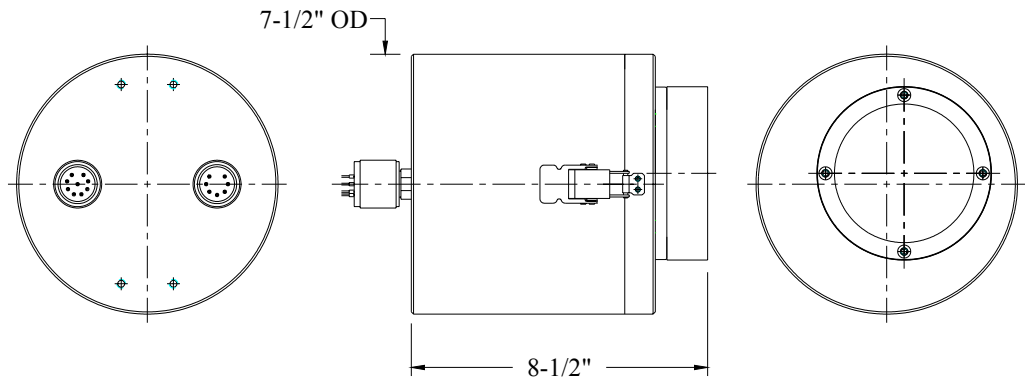
Camera Body: Nikon D70 SLR
 Sensor: 23.7 x 15.6 mm CCD with 6.31 million pixels
 Image Size(s): 3008 x 2000, 2240 x 1448, 1504 x 1000
 Storage: 1.0 Gbyte CF card standard, larger optional
 Capacity (1 G CF card): 292 Images, JPEG Fine, 3008 x 2000
 3800 Images, JPEG Basic, 1504 x 1000

OPTICS:

Lens: Nikkor 20mm f2.8
 Field of view: 33°(v) x 48°(h) x 57°(diagonal)

MECHANICAL:

Outside diameter:	7.5"		
Length:	8.5"		
	<u>Aluminum</u>	<u>Stainless</u>	<u>Titanium</u>
Weight in air:	8.8 kg (19.3 lbs)	21.6 kg (47.7 lbs)	13.2 kg (29.0 lbs)
Weight in water:	2.9 kg (6.3 lbs)	15.7 kg (34.7 lbs)	7.3 kg (16.0 lbs)
Operating Depth:	2,000 meters	12,000 meters	4,000 meters



Ocean Imaging Systems
 a division of Marine Systems Technology, Inc.
 Box 1507, North Falmouth, MA 02556
 (508) 548-0012 (v) (508) 548-8806 (fax)
sales@oceanimagingystems.com
www.oceanimagingystems.com

Specifications subject to change without notice. Revised 1/05