



DEEPSEA
POWER & LIGHT

Super SeaCam 6000

Color CCD Camera

- 12X AUTOFOCUS
ZOOM LENS
- OPTICALLY
CORRECTED DOME
- GENLOCK INPUT
- RS-232 OR TRINARY
CONTROL



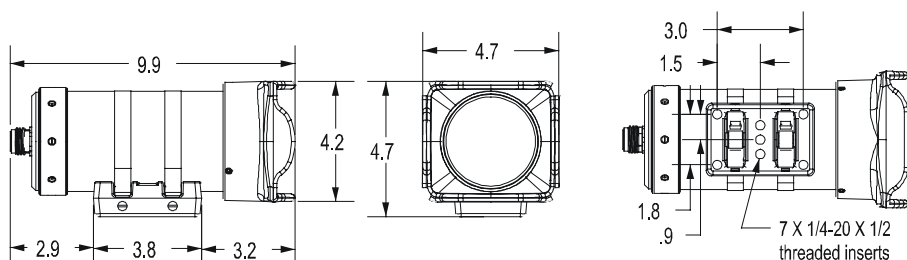
The Super SeaCam 6000 underwater color video camera produces excellent images at affordable prices and is ideal for all types of underwater inspection.

The high quality 1/3-inch IT CCD video camera is housed within your choice of a Titanium (6000m) Aluminum (4000m) or Delrin™ (300m) pressure housing. The 12X zoom lens has auto and macro focus, and produces crisp, high resolution images from 10mm to infinity. And to ensure razor sharp image quality, the glass dome is polished to optical standards and treated with an anti-reflective coating.

The Super SeaCam 6000 also has a genlock input for operation in a multi-camera system. A sturdy mounting bracket and Delrin™ crash guard are included.

DeepSea's lights, cameras, batteries, lasers and temperature sensors are used daily in the most demanding environments on planet earth. The Super SeaCam family of cameras continues our commitment to designing best-value products for the user who demands uncompromising quality, reliability and service.

Super SeaCam 6000



Standard Pinouts			
1	Power Gnd	*7	Zoom(+/-)
2	+VDC	*8	Auto focus
3	Y/ Comp video	9	Control & video gnd
4	Video/C	10	A**
5	Sync	11	B**
*6	Focus(+/-)	12	Not Used

*Trinary control.

**RS-232/485

MECHANICAL

Material: Titanium, Aluminum, Delrin™
 Overall Length: 25.20cm (9.90 in.)
 Outer Diameter: 9.45cm (3.75 in.)
 Port: Optically polished glass dome with anti-reflective coating
 Weight in Air: Ti- 2.95kg (6.50lbs)
 Weight in Water: Ti- 1.54kg (3.41lbs)

OPTICAL

Lens: 5.4 – 64.8 mm (12X) zoom
 Focus: Auto
 Working distance: 10mm to infinity
 Field of View in Water: 104 deg. (D) x 84 deg (H) x 62 deg. (V)

VIDEO

Image Sensor: 1/3 inch CCD Sensor
 Pixels: NTSC: 768 (H) x 494 (V)
 PAL: 752 (H) x 582 (V)
 Resolution: More than 460 lines horizontal
 Min. Sensitivity: 1.0 Lux (Scene Illumination)
 Signal to Noise: 48 dB
 Video Out: Composite, Y/C
 Video Formats: NTSC, PAL
 External Sync: V-Reset

ELECTRICAL

Power: 9 – 30 VDC
 Current: Steady-state – 220mA
 Drive-state – 580mA
 Connector: MHDG-12 (standard), other options available

ENVIRONMENTAL

Depth:	Titanium 6,000 m (20,000 ft)	Aluminum 4,000 m (13,000 ft.)	Delrin™ 300 m (1,000 ft.)
Operating Temp:	0 – 50 deg. C		
Storage Temp:	-20 – 60 deg. C		



Specifications subject to change without notice

DEESEA POWER & LIGHT • 3855 Ruffin Rd. • San Diego, CA 92123 USA • TEL (858) 576-1261 • FAX (858) 576-0219

Web: <http://www.deepsea.com> • e-mail: info@deepsea.com

Rev. 12/29/99