



Super SeaCam 5000

Low-Light CCD Camera

- 0.001 LUX
SENSITIVITY
- 1/3 THE COST OF A
SIT CAMERA
- CCD RELIABILITY –
BURN RESISTANT
- 117 DEGREE ANGLE
OF VIEW
- AUTOMATIC
BACKLIGHT
COMPENSATION

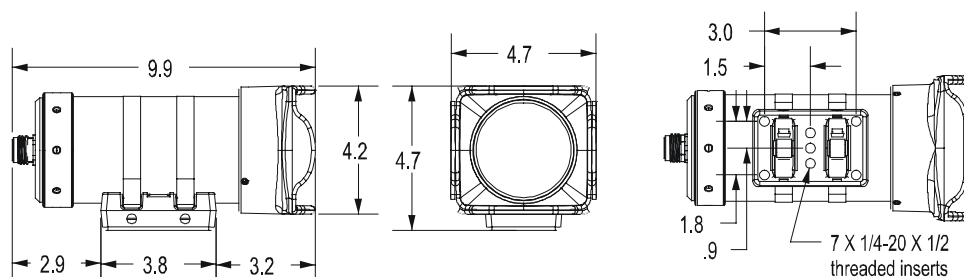


The Super SeaCam 5000 underwater monochrome video camera produces excellent images at affordable prices and is designed for either low-light or long range viewing applications at depths to 6000 meters (20,000 feet). The Super SeaCam 5000 is particularly suited for use as a primary navigation camera for any type of ROV application.

The Super SeaCam 5000 is available with Titanium (6000m), Aluminum (4000m) or Delrin™ (300m) housings to suit your depth application. To ensure razor sharp image quality, the glass dome is polished to optical standards and treated with an anti-reflective coating. A sturdy mounting bracket and Delrin™ crashguard 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 5000



Standard Pin-out	
1	Ground
2	Power
3	Video

MECHANICAL

Material: Titanium, Aluminum, Delrin™
Overall Length: 25.20 cm (9.90 in.)
Outer Diameter: 9.45 cm (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: 3.8 mm, f 0.80
Focus: Fixed
Working Dist: 60 cm to infinity
Field of View in Water: 117 deg. (D) x 97 deg (H) x 77 deg. (V)

VIDEO

Image Sensor: ½-inch CCD Sensor
Pixels: EIA: 768 (H) x 494 (V)
 CCIR: 752 (H) x 582 (V)
Resolution: 570 lines horizontal
Sensitivity: 0.001 Lux @ f 0.80
Signal to Noise: More than 46 dB
Video Out: Composite, 1.0 volt (peak to peak)
Video Formats: EIA, CCIR

ELECTRICAL

Power: 9 – 30 VDC
Current: 160 mA
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

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