



DEEPSEA
POWER & LIGHT

SeaCam 2003

**HAND-HELD
CAMERA**

COMPACT SIZE

RUGGED DESIGN

**FIXED FOCUS,
WIDE ANGLE LENS**

**ECONOMICALLY
PRICED**



The SeaCam 2003 underwater video camera produces excellent images at affordable prices, and is designed for either hand-held operation or fixed-mount applications at depths down to 1,000 meters (3,250 feet). The SeaCam 2003 is particularly well suited for bridge or structural inspection, hull inspection, and underwater weld inspection. A high quality color CCD video camera is housed within a Delrin pressure housing with a scratch-resistant acrylic port. The fixed focus 3.5 mm wide angle lens produces crisp, high resolution images from 10 cm (4 in.) to infinity. Threaded holes are tapped into the mounting bracket to accommodate two external SeaLites (or any light of the SeaLite family) for additional lighting. The SeaCam 2003 comes with a handgrip. Options include a light-mounting bracket, 100 meters of cable, and a 120VAC-to-12VDC power supply.

SeaCam 2003 Specifications

MECHANICAL

Housing:	Delrin plastic
Port:	Flat, optically clear SAR Acrylic
Outer Diameter:	8.6 cm (3.4 in.)
Overall Length:	25.4 cm (10.0 in.)
Height with Handgrip:	18.4 cm (7.25 in.)
Weight in Air:	1.6 kg (3.5 lbs.)
Weight in Water:	0.3 kg (0.75 lbs.)

OPTICAL

Lens:	3.7 mm, f1.6 auto-iris
Focus:	Factory set, fixed focus
Depth of Field:	10 cm (4 in.) to infinity
Angle of View in Water:	70 deg. (H) x 56 deg. (V) x 74 deg. (D)

VIDEO

Image Sensor:	1/2-inch CCD sensor
Pixels:	510 (H) x 494 (V)
Resolution:	450 lines horizontal
Sensitivity:	2 Lux at f1.2
Signal to Noise:	More than 46 dB
Video Out:	1.0 volt (peak to peak)
Video Format:	NTSC, PAL
Video Output:	Composited or Y/C

ELECTRICAL

Power:	12 volts DC
Current:	350 mA
Pin-Out (standard):	1 = Ground, 2 = Power, 3 = Video, 4 = No connection
Connector:	BH4MP

ENVIRONMENTAL

Depth:	1,000 meters (3,250 feet)
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Specifications subject to change without notice

DEEPSEA 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

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