



Micro-SeaCam 1001

**HIGH PERFORMANCE
MINIATURE CAMERA**

**2,000 METERS DEPTH
RATING; 6,000 METERS
OPTIONAL**

**VERY HIGH
RESOLUTION**

LIGHTWEIGHT

ECONOMICAL PRICE



The Micro-SeaCam 1001 is an ultra small black & white video camera. The camera features fixed focus, wide angle optics that provide a depth of field of 10 cm (4 in.) to infinity. The incredibly small Micro-SeaCam 1001 measures just 3.6 cm (1.4 in.) diameter by 12.2 cm (4.8 in.) long. Unlike some other small cameras, the entire camera is contained in one housing—there is no separate electronics bottle. The Micro-SeaCam 1001 offers 550 lines of horizontal resolution.

Because of its small size and high performance, the Micro-SeaCam 1001 is suitable for applications where other cameras can't fit. Diver's helmets, ROV manipulator wrists, and ROV tether management systems are but a few of the places this camera can be used.

Micro-SeaCam 1001 Specifications

CAMERA

Image Sensor:	1/2-inch CCD sensor
Resolution:	550 (H) x 350 (V) lines
Pixels:	768 (H) x 494 (V)
Minimum Illumination:	0.5 Lux at f1.2
Lens:	f3.5 fixed iris, fixed focus
Angle of View in Water:	58 deg. (H) x 49 deg. (V) x 69 deg. (D)
Video Format:	EIA, CCIR

MECHANICAL

Housing Material:	Tiodized titanium
Port Material:	Sapphire
Outer Diameter:	3.6 cm (1.4 in.)
Overall Length:	12.2 cm (4.8 in.) without connector
Weight in Air:	298 g (10.5 oz.)
Weight in Water:	170 g (6.0 oz.)

ENVIRONMENTAL

Depth:	2,000 meters (6,500 feet) standard 6,000 meters (20,000 feet) option available
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ELECTRICAL

Power:	12 volts DC
Current:	140 mA
Pin-Out (standard):	1 = Ground, 2 = Power, 3 = Video, 4 = No connection
Connector:	Subconn-type BH4MP or LPBH4MP (right angle), call for others
Cable:	RG59/U triax (ground, 12 VDC, video)



Specifications subject to change without notice

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