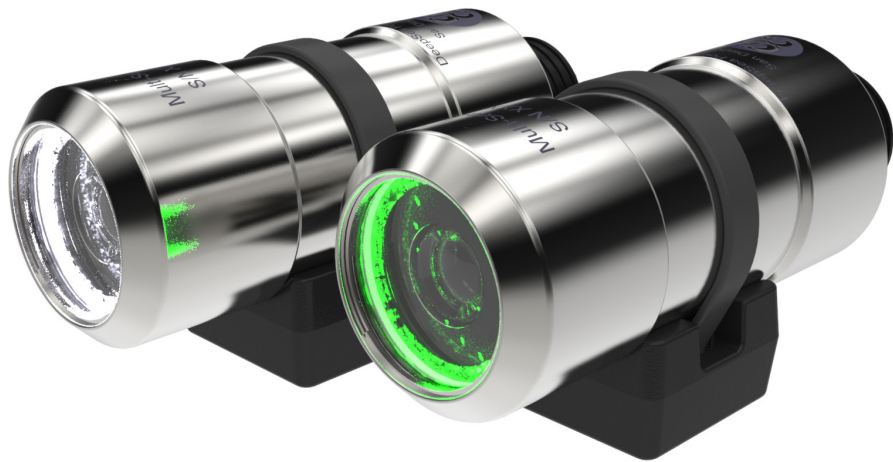


DEEPPSEA
Power & Light[®]



LED Multi SeaCam[®]

The Multi-Purpose, Versatile Camera with Built-in LEDs.



FEATURES

Color or Black & White

Titanium Housing Depth Rated to 4,000 m

Scratch-Resistant Sapphire Port

Interchangeable Camera Modules

Compact Rugged Design

Integrated Variable LED Illumination



T: (858) 576-1261
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4033 Ruffin Road
San Diego, CA
92123- 1817 USA

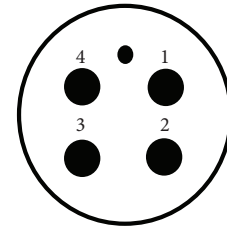
www.deepsea.com
sales@deepsea.com



LED Multi SeaCam®

	MSC-1075	MSC-2075
Optical Specifications		
Lens	3.0 mm, f/2.0	
Focus	Fixed focus	
Depth of Field	10 cm [4 in.] to infinity	
FOV in Air	86° H x 63° V x 95° D	
FOV in Water	64° H x 45.5° V x 74° D	
Video Specifications		
Image Sensor	1/3.2 inch CMOS image sensor	
Number of Pixels	1280 H x 486 V (NTSC); 1211 H x 576 V (PAL)	
Resolution	600 TV lines horizontal	
Scene Illumination	TBD	0.59 Lux at f2.0
Signal to Noise	50 dB	
Video Output	1.0 volt peak-to-peak into 75 ohm	
Video Format	NTSC or PAL (B&W)	NTSC or PAL (color)
Environmental Specifications		
Depth Rating	4,000 m	
Operating Temp.	-20° C to 40° C [-4° F to 104° F]	
Electrical Specifications		
Input Voltage	10 to 36 VDC	
Power	Camera: 0.93 W max LED: 0 to 3.1 W Total: 3.2 W max	
LED Color Ring	Green	White
Mechanical Specifications		
Housing	Titanium	
Port	Sapphire	
Outer Diameter	47.4 mm [1.86 in.]	
Overall Length (w/o connector)	106.5 mm [4.19 in.]	
Weight in Air	459 g [16 oz.]	
Weight in Water	112 g [4 oz.]	

Standard Connector

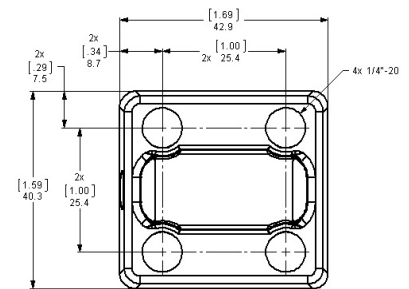
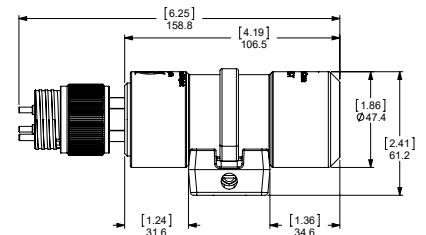


BH4MP

- 1 = Ground
- 2 = Power
- 3 = Video
- 4 = Not Used

*Other connectors and pin-out options are available upon request.

Dimensions



[inch]
mm