

**DEEPSEA**  
Power & Light<sup>®</sup>



# Multi SeaCam<sup>®</sup>

The Multi-Purpose, Versatile Workhorse of All Cameras.



## FEATURES

**Color or Black & White**

**300 m or 6,000 m Depth Rated**

**Scratch-Resistant Sapphire Port**

**Interchangeable Camera Modules**

**Compact Rugged Design**

T: (858) 576-1261  
F: (858) 576-0219

4033 Ruffin Road  
San Diego, CA  
92123- 1817 USA

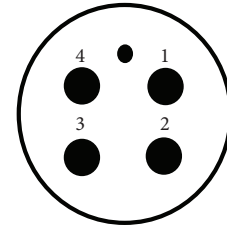
[www.deepsea.com](http://www.deepsea.com)  
[sales@deepsea.com](mailto:sales@deepsea.com)



# Multi SeaCam<sup>®</sup>

	MSC-1070 (B&W)	MSC-2070 (Color)
<b>Optical Specifications</b>		
<b>Lens</b>	3.0 mm, f/2.0	3.0 mm, f/2.0
<b>Focus</b>	Fixed focus	Fixed focus
<b>Depth of Field</b>	10 cm [4 in.] to infinity	10 cm [4 in.] to infinity
<b>FOV in Air</b>	86° H x 63° V x 95° D	86° H x 63° V x 95° D
<b>FOV in Water</b>	64° H x 45.5° V x 74° D	64° H x 45.5° V x 74° D
<b>Video Specifications</b>		
<b>Image Sensor</b>	1/3.2-inch CMOS image sensor	1/3.2-inch CMOS image sensor
<b>Number of Pixels</b>	1280 H x 486 V (B&W) NTSC 1211 H x 576 V (B&W) PAL	1280 H x 486 V (NTSC) 1211 H x 576 V (PAL)
<b>Resolution</b>	600+ TV lines horizontal	600 TV lines horizontal
<b>Scene Illumination</b>	TBD	0.59 Lux at f/2.0
<b>Signal to Noise</b>	50 dB	50 dB
<b>Video Output</b>	1.0 Volt peak-to-peak into 75 ohm	1.0 Volt peak-to-peak into 75 ohm
<b>Video Format</b>	NTSC or PAL (B&W)	NTSC or PAL
<b>Environmental Specifications</b>		
<b>Depth Rating</b>	Delrin: 300 m Titanium: 6,000 m	
<b>Operating Temp.</b>	-20° C to 40° C [-4° F to 104° F]	-20° C to 40° C [-4° F to 104° F]
<b>Electrical Specifications</b>		
<b>Power</b>	10~36 VDC	
<b>Current</b>	0.93 Watt max	0.93 Watt max
<b>Mechanical Specifications</b>		
<b>Housing</b>	Delrin or Titanium	
<b>Port</b>	Sapphire	
<b>Outer Diameter</b>	47.4 mm [1.86 in.]	
<b>Overall Length (w/o connector)</b>	106.5 mm [4.19 in.]	
<b>Weight in Air</b>	Delrin: 296 g [10.5 oz.] Titanium: 459 g [16 oz.]	
<b>Weight in Water</b>	Delrin: 56 g [2 oz.] Titanium: 112 g [4 oz.]	
<b>Accessory</b>		
<b>UV Cutout Filter</b>	UV cutout filter for use with UV LED SeaLite (may reduce Field of View)	

## Standard Connector

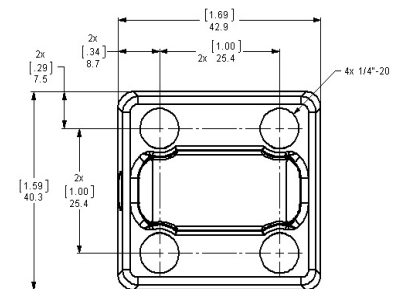
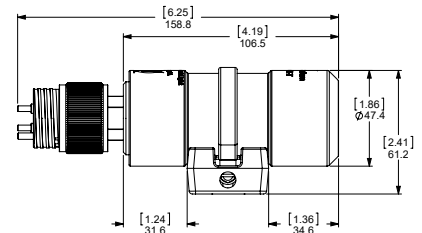


### BH4MP

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

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

## Dimensions



[inch]  
mm



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\*Specifications subject to change without notice.