

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



# Super Wide-i SeaCam<sup>®</sup>



## FEATURES

**Extreme wide angle of 150° HFOV**

**No Vignetting**

**Up to 11,000 m depth rating**

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# Super Wide-i SeaCam<sup>®</sup>

	SWSC-3060 Black and White	SWSC-4060 Color
<b>Optical Specifications</b>		
<b>Lens</b>	1.4 mm, F/2.2	
<b>Focus</b>	Fixed	
<b>Depth of Field</b>	25 mm [1.0] to infinity	
<b>FOV in Water</b>	150° H x 120° V x 185° D	
<b>Video Specifications</b>		
<b>Image Sensor</b>	1/3 inch CCD Sensor	
<b>Sensor Resolution</b>	EIA: 811 H x 508 V CCIR: 795 H x 596 V	PAL: 795 H x 596 V
<b>Measured Resolution</b>	570 TVL (center)	450 TVL (center)
<b>Faceplate Illumination</b>	0.002 Lux F/1.2	0.1 Lux F/1.2
<b>Signal to Noise</b>	46 dB	> 50 dB
<b>Video Output</b>	Composite, 1.0 Vp-p 75 ohm, unbalanced	
<b>Video Format</b>	EIA or CCIR	PAL
<b>Environmental Specifications</b>		
<b>Depth Rating</b>	6,000 m 11,000 m optional	
<b>Operational Temperature</b>	-10 °C to 40 °C [-14 °F to 104 °F]	
<b>Storage Temperature</b>	-30 °C to 70 °C [-22 °F to 158 °F]	
<b>Electrical Specifications</b>		
<b>Power</b>	11~30 VDC	
<b>Current</b>	160 mA	145 mA
<b>Mechanical Specifications</b>		
<b>Housing</b>	Standard: Hard Anodized 6013 Aluminum Optional: 6Al-4V Titanium	
<b>Port</b>	Optically Polished Glass	
<b>Outer Diameter</b>	58.4 mm [2.30 in]	
<b>Overall Length (Without Connector)</b>	104.9 mm [4.13 in]	
<b>Weight in Air</b>	0.47 kg [1.05 lbs.]	
<b>Weight in Water</b>	0.23 kg [0.51 lbs.]	
<b>Connector</b>		
<b>Default</b>	SEACON MCBH4MP Contact sales for more options.	

