

Apex™ SeaCam®

Coming soon



Patents Pending

FEATURES

4K UHD Capable

12x Optical Zoom

24x Lossless Digital Zoom

6,000 m Depth Rating

Titanium Housing

Proprietary Corrector Optics

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	ASC-2070	ASC-4070
Optical Specifications		
Lens	3.9 mm ~ 46.8 mm, F/1.8 to F/2.0	
Optical Zoom	12x	
Lossless Digital Zoom ¹	2x, 24x Combined	
Digital Zoom	12x, 144x Combined	
Focus	Wide: 110 mm ~ Infinity Tele: 850 mm ~ Infinity	
FOV in Water	Wide: 72° H x 44° V x 80° D Tele: 3.2° H x 1.8° V x 3.6° D	
Video Specifications		
Image Sensor	1/2.3 in. 8.9MP CMOS	
Faceplate Illumination	0.56 Lux (50 IRE)	
Scene Illumination	5.3 Lux (50 IRE)	
Maximum Video Resolution	1920 x 1080	3840 x 2160
HD Video Output	HD-SDI 1.485Gb/s: 1080p/29.97, 1080p/25, 1080i/59.94, 1080i/50, 720p/59.94, 720p/50, 720p/29.97, 720p/25 3G-SDI 2.97Gb/s: 1080p/59.94, 1080p/50	
4K UHD Video Output	N/A	6G-SDI: 2160p/29.4, 2160p/25 Dual Link 3G-SDI ² : 2160p/29.4, 2160p/25
Environmental Specifications		
Depth Rating	6,000 m	
Operational Temperature	0° C to 60° C [32° F to 140° F]	
Storage Temperature	-20° C to 60° C [-4° F to 140° F]	
Electrical Specifications		
Voltage	10~36 VDC	
Power	10W max	12W max
Serial Protocol	SeaSense™ Protocol, VISCA	
Control Interface	RS-232, RS-485	
Mechanical Specifications		
Housing	6Al-4V Titanium	
Port	Optical Glass Dome	
Outer Diameter	Cowl: 174.0 mm [6.85 in.] Rear Housing: 105.0 mm [4.13 in.]	
Overall Length (Without Connector)	298.9 mm [11.77 in.]	
Weight in Air	6.3 kg [13.89 lbs]	
Weight in Water	3.1 kg [6.83 lbs]	
Connector		
FleXlink™	SEACON MCBH8-NET Contact sales for more options.	
Fiber	Electric: SEACON MCBH6 Fiber Optic: SEACON MINF-1FO Contact sales for more options.	
Coax	SEACON MINL-5515 Contact sales for more options.	Requires suitable 6G connector. Please contact sales.

¹ Lossless Digital Zoom uses a crop factor on the high resolution sensor to magnify the image, and does not limit the full-scale resolution. Lossless Digital Zoom is available in HD resolution modes only.

² Dual Link 3G-SDI used in 4K UHD FleXlink configuration. Requires two FleXlink channels.

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