



# HD Zoom SeaCam<sup>®</sup>



HD 30X OPTICAL ZOOM



1080P/60



FLEXLINK TRANSMISSION



COAX TRANSMISSION



OPTICALLY POLISHED GLASS



UP TO 6 KM DEPTH RATING

## 30x Optical Zoom Capacity

**Ideal for capturing overall scenes, with zoom capability for close-up observation**

The HD Zoom SeaCam has an impressive 30x optical zoom and superior low light performance with a minimum illumination of 0.024 Lux, while providing high quality HD video at up to 60 frames per second. This camera is available with both Coax and our FleXlink video interface, and comes in either a 6,000 m rated Titanium housing or a lightweight 2000 m rated Aluminum variant.

*Specifications subject to change without notice*



For further information, email  
[sales@deepsea.com](mailto:sales@deepsea.com)



DEEPSEA.COM

## Specifications

HDZSC-	3045
<b>Optical Specifications</b>	
Lens	4.3 mm ~ 129 mm, F/1.6 to F/4.7
Focus	Wide: 10 mm ~ infinity Telephoto: 1200 mm ~ infinity
FOV in Water	Wide: 47° H x 27° V x 53° D Telephoto: 1.7° H x 1° V x 2° D
<b>Video Specifications</b>	
Image Sensor	1/2.8 in. 2.1MP CMOS
Sensor Resolution	1920 H x 1080 V
Measured Resolution	850 TVL
Faceplate Illumination	0.024 Lux (50IRE)
Signal to Noise	< 50 dB
Video Output	HD-SDI 1.5Gb/s 1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 1080i/60, 1080i/59.94, 1080i/50, 720p/60, 720p/59.94, 720p/50, 720p/30, 720p/29.97, 720p/25
Serial Protocol	VISCA
<b>Environmental Specifications</b>	
Depth Rating	Titanium: 6,000 m Aluminum: 2,000 m
Operating Temp	-5° C to 60° C [23° F to 140° F]
Storage Temp	-20° C to 60° C [-4° F to 140° F]
<b>Mechanical Specifications</b>	
Housing	6061 Aluminum 6Al-4V Titanium
Port	Optically polished glass
Weight in Air	Al: 2.18 kg [4.80 lbs] Ti: 2.73 kg [6.02 lbs]
Weight in Water	Al: 0.62 kg [1.37 lbs] Ti: 1.16 kg [2.56 lbs]
<b>Electrical Specifications</b>	
Voltage	10~36 VDC
Power	9 W Max
Standard Connector Flexlink	SUDBH8M/S SubConn
Standard Connector Coax	SUHF75CXBH6M/S SubConn

# Dimensions

## Bracket

