



Nano SeaCam®



The Nano SeaCam is our compact, high resolution analog camera at 620 TVL. Divers and inspection class ROVs use this subsea camera for its size and weight.

The Nano SeaCam features titanium housing and a sapphire port. An optional 11,000 m depth rating is available.

Specifications

	NSC-T
<i>Lens</i>	2.5 mm Fixed Focus, F/3.5
<i>Near Focus</i>	100 mm
<i>Depth of Field</i>	75 mm [3.0 in] to infinity
<i>Field of View (Water)</i>	Wide: 59° H x 44° V x 72° D
<i>Field of View (Air)</i>	80° H x 60° V x 102° D
<i>Image Sensor</i>	1/3 inch SONY color CCD II 410K
<i>Sensor Resolution</i>	NTSC: 768 H x 494 V PAL: 752 H x 528 V
<i>Measured Resolution</i>	620 TVL
<i>Faceplate Illumination</i>	0.04 Lux
<i>Signal to Noise</i>	More than 50 dB
<i>Video Output</i>	Composite 1.0Vp-p 75ohm unbalanced
<i>Video Format</i>	NTSC or PAL
<i>Depth Rating</i>	6,000 m standard, 11,000 m optional
<i>Operating Temp.</i>	-10° C to 50° C [14° F to 122° F]
<i>Input Voltage Range</i>	7~32 VDC
<i>Power Consumption</i>	2 W Max
<i>Housing</i>	6Al-4V Titanium
<i>Port</i>	Optically Polished Sapphire
<i>Weight in Air</i>	6,000 m depth rating: 130 g (4.6 oz) 11,000 m depth rating: 170 g (6.0 oz)
<i>Weight in Water</i>	6,000 m depth rating: 90 g (3.2 oz) 11,000 m depth rating: 100 g (3.5 oz)
<i>Connector</i>	SEACON MCBH4MP SS <i>Contact Sales for more options</i>

Key Features



620 TVL
Resolution



Ultra Compact
Camera



Custom Optics



NTSC & PAL
Analog Outputs



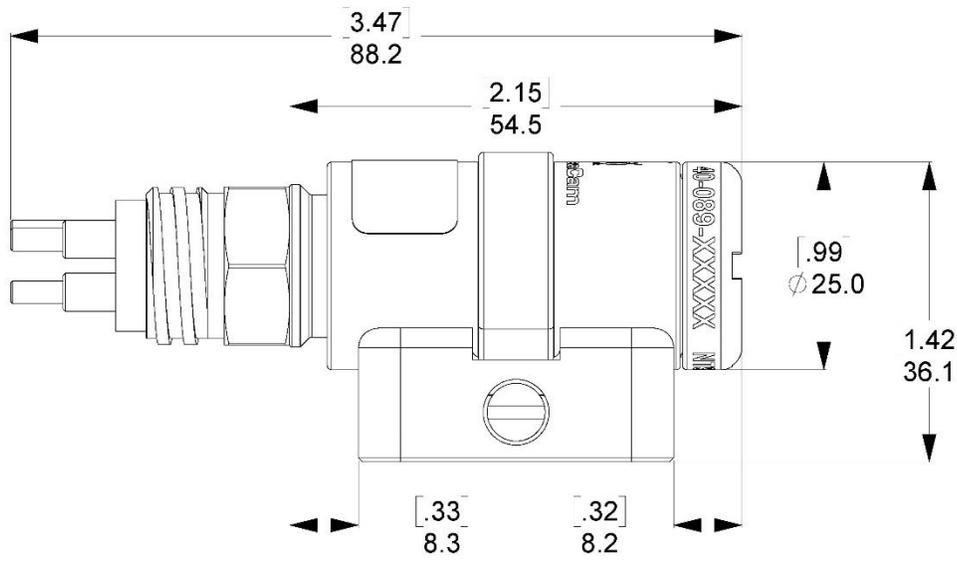
Optically Polished
Glass Port



Up to 11 km
Depth Rating

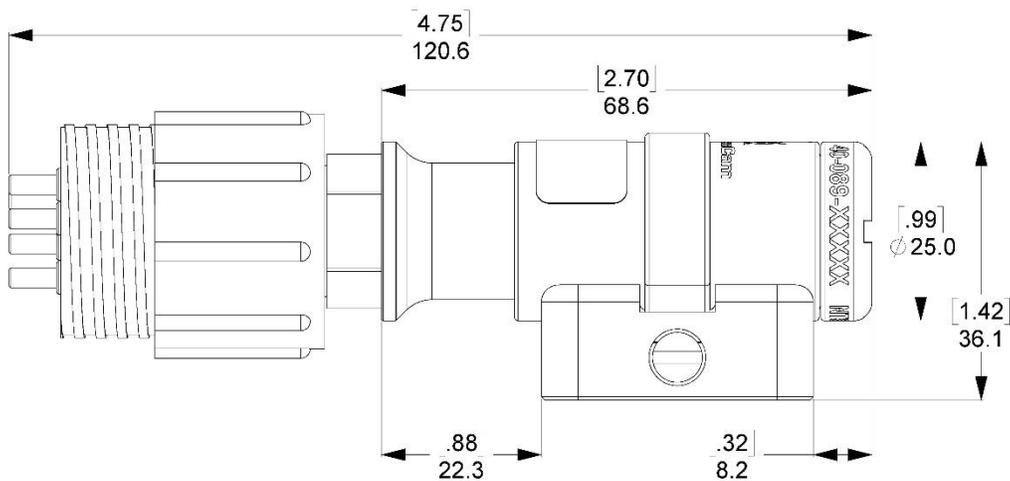
Dimensions

6,000 m Depth Rating



[inch]
mm

11,000 m Depth Rating



[inch]
mm

Bracket

