



# SeaLaser<sup>®</sup> 100



UP TO 2 KM DEPTH  
RATING



COLOR  
OPTIONS



COMPACT  
SIZE

## Cost-Effective Laser Solution with Various Connector Options

The SeaLaser 100 features a 2,000 m depth rating, <5 mW Class III-A semiconductor laser diode, Delrin<sup>®</sup> housing, and multiple connector options. Uses include underwater aiming, scaling, and alignment. This subsea laser has a long life, compact size, and wide input voltage.

A mounting bracket is available to fit two lasers and a SeaCam. The two lasers are 10 cm apart and use either dots or lines to add scale to video or photographic images.



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

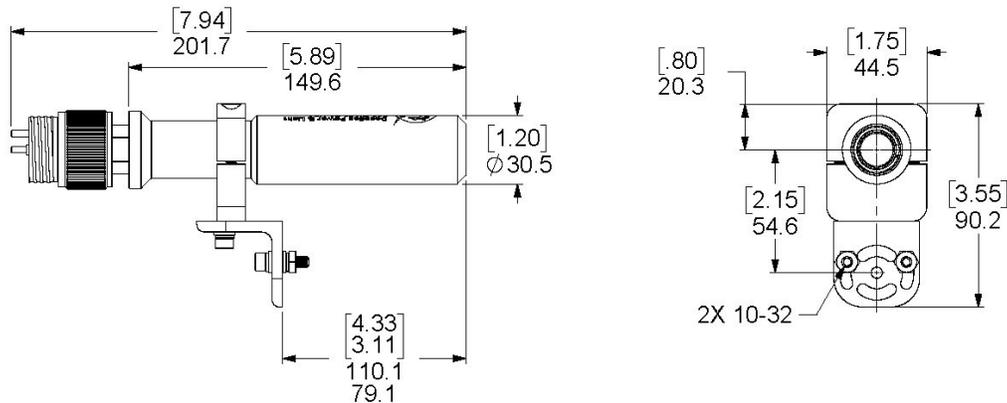


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# Specifications

SeaLaser® 100		
Laser	Red Laser	Green Laser
Type	Continuous Wave Semi-conductor laser diode Class III-A	
Beam Diameter	Elliptical 1.8 mm x 0.5 mm	Circular
Wavelength	635 nm	532 nm
Beam Divergence	0.09 mRad x 0.19 mRad	<1.2 mRad
Beam Alignment	Beam runout 5 cm at 10 m (2 in. at 33 ft) max	
Beam Power	N/A	
Beam Type	Dot or Line	
Environmental		
Depth Rating	2,000 m	
Operational Temperature	Dot: 1°C to 30°C (32°F to 86°F)	Line: -10°C to 50°C (14°F to 104°F)
Electrical		
Voltage	7~27 VDC	
Current	250 mA	
Mechanical		
Housing	Acetal plastic (Delrin®)	
Port	Acrylic	
Outer Diameter	149.6 mm (5.89 in)	
Overall Length without connector	149.6 mm (5.89 in)	
Weight in Air	330 g (0.73 lb)	
Weight in Water	140 g (0.31 lb)	
Connector	BH2MP	

# Dimensions



[inch]  
mm