



# Micro *SeaLaser*<sup>TM</sup>

**6,000 METER  
DEPTH RATING**

**<5 mW BEAM  
OUTPUT**

**SMALL & LIGHT**

**CAN BE USED  
SINGLY OR IN  
PAIRS**



The Micro *SeaLaser*<sup>TM</sup> is an underwater scaling, rangefinding, and aiming device that utilizes a 635 nm and <5 mW semiconductor laser diode. The powerful beam output provides visibility at greater ranges than less powerful lasers. Mounted in parallel, two Micro *SeaLasers*<sup>TM</sup> add scale to video or photographic images in the form of two brilliant red dots separated by a known distance. Two Micro *SeaLasers*<sup>TM</sup> mounted to produce intersecting beams can be used to determine an object's distance or to maintain constant positioning

# Micro SeaLaser™ Specifications

## MECHANICAL

Housing Material:	6AL-4V Titanium; other materials available
Port:	Sapphire, anti-reflective coated
Length:	12.03 cm (4.73 in.)
Diameter:	1.84 cm (0.72 in.)
Weight in Air (approx.):	75 g (2 oz.)
Weight in Water (approx.):	40 g (1 oz.)

## LASER

Type:	Semiconductor laser diode Class III-A
Beam Diameter:	1.8mm x 0.5mm
Wavelength:	635 nm
Beam Divergence:	0.09 mRadians x 0.19 mRadians
Beam Power:	<5mW

## ELECTRICAL

Voltage:	7-30 VDC
Connector:	Impulse Sub-Miniature Connector IE55 (titanium), 2-pin
Current:	47 mA
Pin-out:	1 = Ground 2 = Power

## ENVIRONMENTAL

Depth:	6,000 meters (20,000 feet)
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*Specifications subject to change without notice*

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