



SS501 Green Laser



Sidus Solutions' SS 501 is a deep sea pointing and scaling device that utilizes a powerful 55mW, 532 nm green laser. With a range of nearly 20 miles, this product outperforms other less powerful underwater laser devices. Pairing two SS 501 together in parallel separated by a known distance enables scaling of video and still images. Adding an additional SS 501 at an intersecting beam angle enables measurement of object distance, useful for maintaining a constant object position. With a rugged anodized aluminum housing, fused silica, and operating depth of 6000 meter the SS 501 is distinctively suited for deep water applications.

Sidus Solution supplies complete turn-key inspection system equipment and services. Ask your representative today about other Sidus Solutions product offerings and services

Specifications

Length	6.4 in (162.6 mm)
Diameter	1.15 in (29.2 mm)
Weight	6.7 oz in air (189.9g) 4.8 oz in water (136.1g)
Housing	Anodized aluminum
Beam Divergence	<1.2mRad
Wavelength	532 nm
Output Power	55mW (Class 3b)
Operation Voltage	12-24 V
Laser Lifetime	4,000 hours
Range	25 miles
Operating Depth	6000meters
Operating Temperature	-10° ~ +40° C (14° - 104° F)

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