

Accessory Data Sheet

Laser Scaler

The **Laser Scaler** attachment for the VideoRay Pro 4 ROV system is a “plug and play” measurement device that can be attached or removed from the vehicle in seconds. There are two different versions of the Laser Scaler. The first has two vertical “fan” beams precisely 7.5 cm (3 in) apart for scaling, estimating, or measuring applications. The “fan” nature of the laser beams fills the entire field of view of the ROV camera so that no tilting mechanism is necessary. The second projects dots that are 10.16 cm (4 in) apart.

The laser scaler can be used with existing VideoRay accessories such as the manipulator arm and sonar systems. This attachment is compatible with the VideoRay Pro 4 and MSS Series ROVs.

BASIC LASER SPECIFICATIONS

Depth Rating	300m (1,000 ft)
Beam Alignment	7.5 cm (3 in)
Separation	+ / - 1/8" at 100 feet
Beam Divergence	Less than 4 mrad
Beam Power	Less than 5 mw at 635nm, Class IIIa

