



Pushing the limits of underwater  
exploration and inspection

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SUNFISH is a person-portable, 6-degree of freedom autonomous underwater vehicle that moves in any direction, assumes any orientation, and independently rotates about any axis. This unique maneuverability allows SUNFISH to sense the environment, acquire data, and build full 3D maps in ways previously unattainable.

SUNFISH is the leading underwater technology for exploration and inspection with applications in commercial, scientific and defense markets. Our low-logistic system and team is lightweight, compact and ready to deploy.

## DIMENSIONS

Length:	1.61 m / 63 in
Width:	0.47 m / 19 in
Depth:	0.23 m / 9 in
Weight:	55 kg / 120 lbs, dry Neutrally Buoyant

## MAPPING

Multibeam sonar range:	150 m standoff 480 beams x 120 deg swath
Multibeam sonar range resolution:	0.02%
Multibeam sonar cross range resolution:	1.3%

## ADD-ONS

- Onboard Fiber Spool
- Machine Vision Stereo Camera
- Strobe Lighting System
- Water Sampler
- Nitrate Sensor

## PERFORMANCE

Max Range:	10 km / 6 miles
Max Depth:	200 m / 660 ft
Max Speed:	1.0 m/s / 3.3 ft/s longitudinal 0.4 m/s / 1.3 ft/s perpendicular
Water Temp Range:	-5° C to +45° C / 23° F to 113° F

## OPERATING MODES

- Full Autonomy
- Supervised Autonomy
- ActionScript
- Remotely Operated

