

# PRO



SeaDrone PRO is a Powerful end-to-end underwater inspection solution with a custom-designed vehicle, tightly integrated acoustic localization system, proprietary navigation software, and a remote streaming and automated reporting service to ensure accurate data collection and the best user experience.

## 01 FAST

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Perform faster inspections and create reports on-site in less than 1 hour using SeaDrone's frictionless workflow.

## 02 TRUE

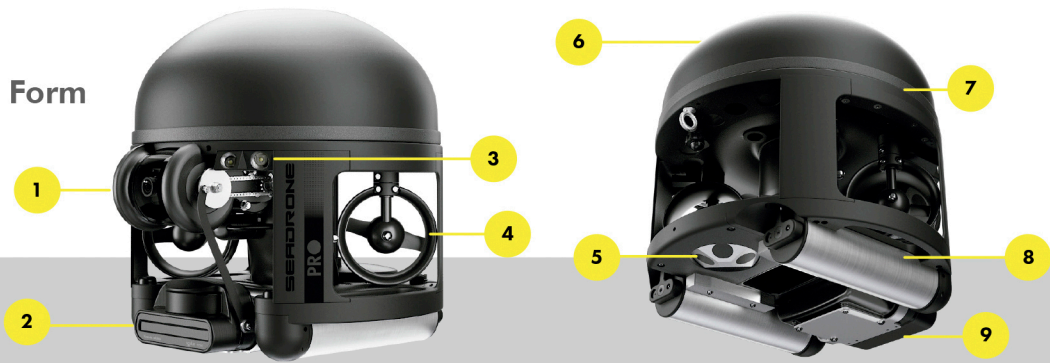
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Improve the customer experience with transparency and more accurate and efficient data collection and analysis.

## 03 SAFE

Increase safety by avoiding diver inspections and minimizing on-site personnel using SeaDrone Live Streamer.

## Function Defines Form



- 1. Full HD Autofocus Camera
- 2. Tilting Multi-beam Sonar
- 3. 5000 Lumen Lights
- 4. Easy-to-replace Thrusters
- 5. High Accuracy DVL
- 6. GPS and dual IMUs
- 7. Omnidirectional drag profile
- 8. Hot-swappable Battery Packs
- 9. Tightly Integrated USBL

### Vehicle

<b>Weight in air</b>	10 Kg	<b>Battery Life</b>	3 hrs
<b>Dimensions</b>	306, 306, 320 mm	<b>Bumper Frame Material</b>	Polycarbonate
<b>Depth Rating</b>	125 m	<b>Enclosure Materials</b>	Stainless Steel/Delrin
<b>Max Speed</b>	1.5 m/s	<b>Ballast System</b>	750 g

### Attachments

<b>Multi-Beam Sonar</b>	120 m Range , 512 beams with 1° Angular Resolution
<b>UT Probe</b>	75 m Range, 35° vertical and 3° horizontal Beam, 700 KHz Frequency
<b>Laser Scaler</b>	0.15 m – 2 m range, 515 nm Wavelength, 10 mW Ouput Power
<b>Gripper</b>	25-125 N Grip Force, 1.5 secs Time to open
<b>CP Probe</b>	0.15 m – 2 m range, 515 nm Wavelength, 10 mW Ouput Power
<b>USBL</b>	300 m Range, 0.1 m Range Resolution, 1° Angular Resolution



### Consolidated User Interface

- Automated Reporting
- Autopilot Controls
- Remote Streaming
- Mission Planning

