



INNOVASEA

BiomassPro

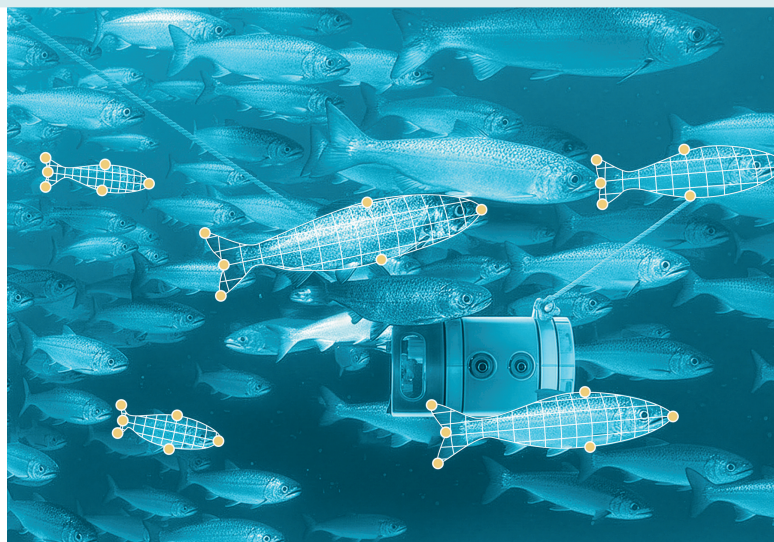
Innovasea's BiomassPro provides farm operators with up-to-date estimates of the size and weight of their fish stocks. This helps optimize production, reduce costs through improved feeding operations and boost revenue through better sales forecasting.

The centerpiece of the solution is Innovasea's groundbreaking biomass camera, which combines stereoscopic imaging with artificial intelligence technology inside a rugged enclosure. The camera collects and processes data and delivers it to the cloud-based BiomassPro software. Advanced analytics using current and historical data are compiled into in-depth reports that give operators an accurate overview of growth performance to enable data-driven decision making.



Use cases:

- Accurately monitor fish growth and size distribution during grow out.
- Identify key periods and variables to boost growth, enhance fish welfare and improve feed conversion ratio.
- Get accurate projections of fish weight and size at harvest to help drive resource planning.
- Optimize production by analyzing growth trends and historical effects of seasonality and microclimate fluctuations.



Benefits

Autonomous operation and reporting deliver instant biometric data.

Rugged design for open ocean environments means operators can get fish measurements regardless of weather conditions.

Estimate size and weight for multiple fish species, including Atlantic salmon (*Salmo salar*), rainbow trout (*Oncorhynchus mykiss*), cobia (*Rachycentron canadum*), European sea bass (*Dicentrarchus labrax*), gilthead seabream (*Sparus aurata*), king salmon (*Oncorhynchus tshawytscha*), red snapper (*Lutjanus peru*), and yellowtail (*Seriola rivoliana*).

Data can be exported in .csv and .xls formats for easy review and analysis.

Lightweight camera makes it easy for one person to deploy, relocate or remove.



Camera Specifications

- **Dimensions:** 29 cm x 16.5 cm / 11.5" x 6.5"
- **Housing material:** Anodized aluminum
- **Depth rating:** 100 m/328 ft
- **Weight in air:** 11.4 kg / 25 lbs
- **Weight in water:** 7.5 kg / 16.5 lbs
- **Operation mode:** Autonomous battery for stand-alone operation or external power for continuous operation
- **Battery runtime:** 8 hours
- **Batter recharge time:** 4 hours
- **Accessories:** AC power cable, data cable and mounting clamps



Get up-to-date Biomass Information to improve operations and maximize revenue.

Pair with:

- Farm360 – Innovasea's farm management software
- aquaMeasure environmental sensors
- Innovasea's waterborne feeding systems
- Tidal and current sensors



Who we are

Fueled by a commitment to a more sustainable future, Innovasea is at the forefront of pioneering technologies that transform our industry, protect the oceans, and feed our world. We deliver fully integrated solutions, backed by a team of experts, to ensure users get the most out of their equipment. Together, this work advances our mission of blending innovation with environmental stewardship and global advocacy.

