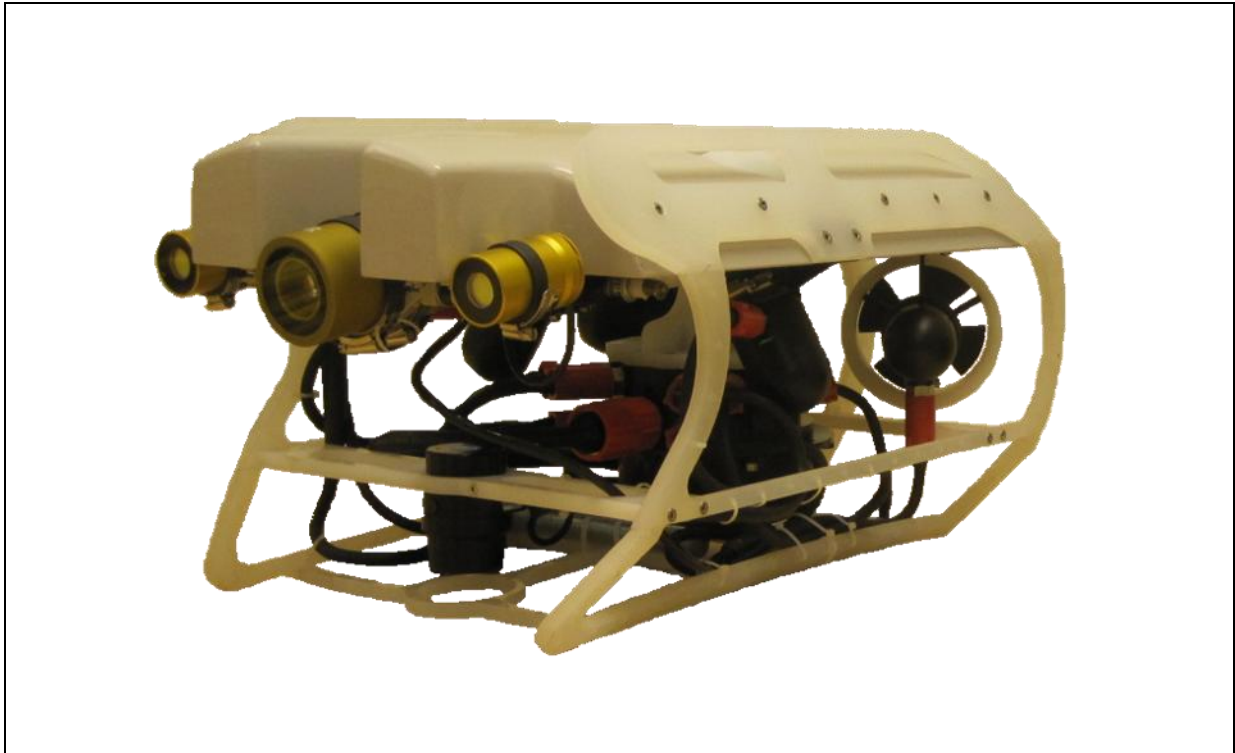


ROV Aegir 15-4D



The ROV Aegir 15-4D is an extremely compact ROV with enough power and stability for all kinds of video still image and sonar work.

Its vectorized thruster configuration gives good performance in all directions while enabling easy control. Thanks to an innovative tilt platform, lighting can be set to follow the camera while being placed as far away from the lens as possible, to minimize back-scattering. The exclusive shape of the plastic frame gives the vehicle a small projected diameter, perfect for confined space exploration.

ROV Aegir 15-4D is based on XCS, ORI's embedded control system used on all vehicles ranging from 10kg to several hundred kilos. This enables seamless scaling within ORI products where hardware and software can be used on a wide variety of equipment.

ROV Aegir 15-4D can be delivered with ORI DUALity communication system, a new fault-tolerant approach to subsea telemetry, based on copper or fiber technology (or a combination). All electronics are located in the central intelligence unit with its' easy access interface.

Technical Specification

Length	590mm
Width	345mm
Height	300mm
Projected diameter	400mm
Weight (including 2kg payload)	15kg
Tether diameter	8mm
Depth rating	300m
Power draw	1.5kW max

Standard Equipment

- THOR BLDC thrusters
- Tilt platform (camera + lighting)
- 2 x BROKK LED (2x100W halogen equivalent)

- 1/2 live video channels
- Configurable overlay on all channels
- AUX drivers
- User A/D channels
- Intuitive operator control

Optional equipment

- Waterproof control unit with daylight screen and video capture
- Tether with optical fiber
- Various cameras, including HD
- Serial interfaces (UART, USB, Ethernet)
- Electric manipulator, Cleaning brush
- CP probe
- Sonar / Subsea positioning equipment
- Tether handling equipment
- Integrated operator environment



ROV Aegir 15-4D is controlled from the lightweight portable operators' control. An intuitive menu system handles settings and sensor monitoring. A touch-screen controller is available as an option, installed on customer specified hardware or proprietary equipment.

A full ROV Aegir 15-4D system ready for deployment. Laboratory grade power equipment and industrial isolation monitoring makes for a reliable, safe system.

