

Blue Robotics



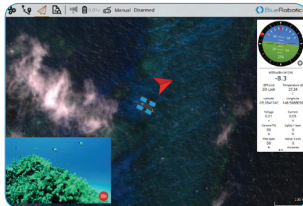
Thrusters, Actuators, and Lights

Blue Robotics offers a range of revolutionary thrusters, actuators, and lights that are simpler, more compact, and less expensive than other options. Our efficient and powerful thrusters and motors are fully flooded, allowing for natural cooling and deep depth ratings. Our dimmable and daisy-chainable lights provide a blindingly bright 1500 lumens. The Newton Gripper offers a robust and low-cost manipulator option for the BlueROV2 and other ROVs.



Sensors, Sonars, and Cameras

Blue Robotics' subsea sensors, sonars, and cameras are carefully designed for use underwater, clearly documented, and easy to use. Our low-cost sensors include pressure/depth in several ranges and temperature. Several analog and digital camera options provide good image quality under very low-light conditions and several interface options. The Water Linked Underwater GPS Developer Kit combines GPS and an acoustic positioning system to provide a moving-map position display for the BlueROV2.



Communication, Control, and Power

Our line of tether interface boards and interface electronics provide reliable communication with open-source and open-hardware designs. ArduSub, our open-source ROV control software, is feature-rich and controls the BlueROV2 and many other subsea vehicles from multiple manufacturers.



Cables, Penetrators, and Connectors

Our line of underwater cables and penetrators are purpose built for underwater use. Professional-grade tethers and cable combine rugged strength and durability with high-performance electrical characteristics for wide-ranging ROV and subsea applications. Our cable penetrators make ultra low-cost, waterproof, high-pressure seals to pass cables into watertight housings.



Enclosures, Buoyancy, and Ballast

Blue Robotics offers enclosures, buoyancy, and ballast in a wide range of sizes. Our watertight enclosure series are highly configurable with interchangeable end caps, O-ring sealed flanges, customizable lengths, and compatibility with our cable penetrators. We supply depth-rated buoyancy foam in varied sizes, allowing for convenient customizations and modifications.