



# Oceanus Ultimate

## Remotely Operated Vehicle

### No compromise ROV solution

- Fastest inspection class ROV with 6 knot speed capable
- 4k resolution (4x the resolution of 1080p) available for unparalleled feature detection
- Hybrid battery and topside power allows maximum operational flexibility
- Widest available options including sonar, GPS, DVL, autonomous navigation
- IP64 protection standard against harsh weather conditions
- 2 year warranty<sup>‡</sup>

**MARINENAV**  
 Built North Atlantic Tough  
 Trusted Everywhere



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## Specifications

<b>Certifications</b>	ISO 9001: 2008 IEC 60945, items 8.2, 8.3, 8.4, 8.7, Paragraphs 9 & 10 EMC
<b>Operating Environment</b>	Fresh or salt water, 0-50°C (32-122° F)
<b>Depth Rating</b>	609 m (2000 ft)
<b>Maximum Speed</b>	6 kn
<b>Topside Unit Weight</b>	14.1 kg (31.0 lbs)
<b>ROV Unit Weight</b>	16.2 kg (35.7 lbs)
<b>Total Shipping Weight</b>	30.3 kg (66.7 lbs)
<b>Dimensions</b>	657 mm (25.86 inches) long, 494 mm (19.45 inches) wide, 358 mm (14.1 inches) height
<b>Topside Unit Housing Material</b>	Ultra High Impact structural copolymer, neoprene o-ring and ABS latches
<b>ROV Housing Material</b>	Marine grade anodized aluminum, Upgrade of protective coating option available
<b>Lights</b>	4 x 1500 Lumens front, 2 x 1500 Lumens rear, 1 rear-facing mini ultra-bright strobe LED for emergency recovery
<b>Camera</b>	Internal Front: 1080p with tilt control, Internal Rear: 1080p fixed, Upgrade Option 4K resolution, Simultaneous viewing possible
<b>Camera Tilt Angle</b>	+/- 75° Pitch (vertical rotation)
<b>Camera Focus Range</b>	From the face of the housing dome to infinity
<b>Camera Field of View</b>	120° field of view
<b>Primary LCD Display</b>	18.5" wide-screen TFT active matrix panel with LED back-light, back-lit display controls, 1000 nit (full daylight readable) brightness, 1920 x 1080 resolution
<b>Secondary LCD Display</b>	10.1" TFT Touch active matrix panel with LED back-light, back-lit display controls, 1000 nit (full daylight readable), 1280 x 800 resolution, optional 2000 nit brightness
<b>Topside Unit Software OS</b>	Linux OS, option of Windows 7 or Windows 10
<b>IMU (Sensors)</b>	Always on, Integrated with accelerometer & magnetometer measuring telemetry including tilt, roll, pitch, and heading
<b>Depth Gauge</b>	Calibrated in meters or feet (user selectable), 0.1 units (meters or feet) resolution
<b>Top Side Case</b>	Input: 100/240 V AC 50/60 Hz, System fully operational in 60 seconds
<b>ROV Power</b>	Power over Tether, Internal LiPo Battery
<b>ROV Control</b>	IP67 Water-tight, manual ROV joystick/knob control with topside unit, wireless joystick included
<b>Control Panel Case</b>	Waterproof Pelican case, transport requires one person, IP rating of 65
<b>On-Screen Display (OSD)</b>	Real-time data including recording time, voltage, water temperature, depth, date/time stamp, heading and attitude is overlaid or embedded with video, Operator input lines available, GPS co-ordinates displayed as overlay option when paired with accessory, enabled data entry field with customized logo available
<b>Settings</b>	Internally saved, persist through power cycles
<b>Wireless</b>	WiFi video broadcast to multiple devices simultaneously via integrated antenna, Wireless specification 802.11 ac/b/g/n on 2.4/5 GHZ
<b>Tether Deployment System</b>	MarineNav standard rapid deployable, neutrally buoyant tether with water-tight cable connections, optional upgrade to fiber optic tether
<b>Tether Length</b>	609.6 m (2000 ft) maximum tether length
<b>Available Options</b>	360° Rotating manipulator arm, Hull crawler, Metal thickness gauge, Positioning & tracking system (above water), Sonar; Tritech MicronDST, Tritech 720im, Tritech 720ik, Blueprint Subsea Oculus ◊

<sup>‡</sup> Two year warranty is available to MarineNav Oceanus Pro ROV registered within the first year of purchase. For warranty to be valid all scheduled maintenance must be adhered to according to manufacturers guidelines. Warranty excludes tampering, misuse and regular wear. While we strive to ensure the accuracy of all items and descriptions in this document, this is not always possible. Specifications, options, and availability are subject to change without notice. Errors and omissions excepted. We reserve the right to limit quantities.

◊ Oceanus Pro ROVs may exceed recommended depth ratings of available accessories. Consult manufacturer specifications for all accessories prior to use.

MarineNav Ltd. is an ISO 9001:2008 certified company. Our certified Quality Management System ensures that each unit we produce adheres to the strictest standards and complies with customer requirements.