



OCEANUS PRO PLUS

Remotely Operated Vehicle

Workhorse ROV with uncompromising features provides superior performance in all conditions

Product Features

- High output submersible with speeds of up to 6 knots*
- Depth rating of 305 m (1000 ft)
- On Board ROV Management Suite reports status and health of ROV remotely for full tracking of one or multiple units
- MarineNav's Oceanus Multi port communication system allows rapid integration of third-party accessories, software and external processors
- Internal 1080p fixed rear camera standard (simultaneous front & rear camera viewing possible), optional 4K external camera available
- Wireless Broadcasting feature allows operator screen sharing to multiple parties
- 1 Terabyte solid state drive topside Option of 18.5" wide-screen or 24" TFT active matrix LCD displays
- Oceanus Joystick, configured for superior ROV control
- Touch-sensitive user interface provides control of all important ROV functions

Certifications		
ISO 9001: 2015	IEC 60945	Items 8.2, 8.3, 8.4, 8.7
Operating Environment		
Fresh or salt water	0-50oC (32-122o F)	
Depth Rating		
305 m (1000)		
Maximum Speed*		
6 kn		
Topside Unit Weight†		
18.6 kg (41.0 lbs)		
†Approximate weight with standard 15" TFT active matrix panel		
ROV Weight		
17.3 kg (38.1 lbs)		
Estimated dry weight		
Approximate Total Shipping WeightΣ		
62.0 kg (136.6 lbs)		
ΣAvailable options will change overall shipping weight		
ROV Dimensions		
578 mm (22.76") long	412 mm (16.22") wide	285 mm (11.22") height
Topside Unit Housing Material		
Ultra high density polyethylene, neoprene o-ring and ABS latches		
ROV Housing Material		
Marine grade aluminum		
Lights		
4 x 1500 lumen front lights	2 x 1500 lumen rear lights	
Cameras		
Internal Front: 1080p with tilt control	Optional rear internal: 1080p fixed camera	
Camera Tilt Angle		
+/- 75o Pitch (vertical rotation)		

Camera Focus Range	Camera Field of View
From the face of the housing dome to infinity with manual control	120° field of view
Primary LCD Display	
15" TFT active matrix panel, 1600 nits brightness (full daylight readable), 1024x786 resolution. Optional 2000 nits available. Option of 18.5" wide-screen or 24" TFT active matrix LCD display.	
Secondary LCD Display	
10.1" TFT Touch active matrix panel, 1000 nits brightness (full daylight readable), 1280 x 800 resolution	
Video Output	
HDMI video output	
Data Storage	
1 terabyte solid state drive topside, 120 GB ROV	
On-Screen Display (OSD)	
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 as, GPS co-ordinates displayed as overlay option when paired with accessory, enabled data entry field with customized logo available	
Settings	
Internally saved, persist through power cycles	
Wireless	
WiFi video broadcast to multiple devices simultaneously via integrated antenna, Wireless specification 802.11 ac/b/g/n on 2.4/5 GHZ	
Tether System	Tether Length
Optional rapid deployable, neutrally buoyant tether with water-tight cable connections, optional tether deployment system available	500 m (1640.4) maximum tether length. Standard tether length 180m.
Available Accessory Attachments + ◇	
Single axis manipulator arm, 360o Rotating manipulator arm, USBL, Hull crawler, Metal thickness gauge, Positioning & tracking system (above water), Sonar; Trittech MicronDST, Trittech 720im, Trittech 720ik, Blueprint Sub-sea Oculus, CP.	

*Oceanus Pro Plus ROV pictured with standard float-block, optional 18.5" wide-screen TFT active matrix display, standard Oceanus Joystick and standard 4 x 1500 Lumen front lights.
 † Two year warranty is available to MarineNav Oceanus 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.
 + Some accessories require use of the Marinenev multi port communication system.
 ◇ Oceanus ROVs may exceed recommended depth ratings of available accessories. Consult manufacturer specifications for all accessories prior to use.