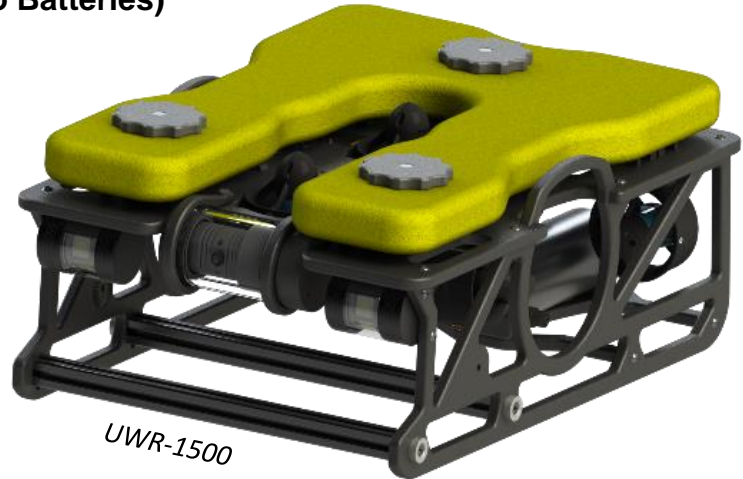# OUTLAND TECHNOLOGY
ROV-1500 SYSTEM

- **6 Direct Drive Brushless DC Thrusters (No shaft Seals)**
- **Mission Configurable Thruster Arrangements**
- **Automatic Heading, Depth & Pitch Control**
- **Designed for Tooling and Skid Package Integrations**
- **Focus on Tool-free Operation and Maintenance**
- **Lightweight & Portable ROV & Console**
- **Continuous Operation on AC Power (No Batteries)**

HC-100 (optional)

CON-500

UWR-1500

UNDER WATER ROBOT (UWR-1500)
- ***6 ea.*** 390W (11.6lb Max Thrust) Direct Drive Brushless Thrusters with optional ***Tool-free Quick Release***
- Front Camera UWC-360 HD Camera
- Rear Fixed HD Video Camera w/Light
- 2 ea. High-Powered UWL-505 LED Lights 10,000 lumens total (5,000 lumens each)
- T-slot Front Rails for ***versatile mounting options***
- ***Tool-free*** design focus for simple maintenance
- Assembly & Maintenance instructions carved into the frame for quick & easy reference
- ***Mission Specific Thruster Arrangements*** are easily configured on the vehicle and control interface

Size	24.5x17.5x10.7in (622x445x272mm) LxWxH
Weight in air	37lbs (16.8kg)
Payload Capacity	10lbs (4.5kg)
Depth Rating	***2,000ft (600m)***

HAND CONTROLLER (HC-100) Optional
- Intuitive functionality for novice users with a depth of control capabilities for professional pilots
- ROV specific control layout
- Fully labeled buttons and switches
- Integrated two function manipulator control
- Industrial joystick, buttons, switches & knobs

Size	5x9x4.5in (127x229x114mm) LxWxH
Weight	1.7lbs (0.8 kg)

CONTROL CONSOLE (CON-500)
MECHANICAL:

Size	18.5" W x 7.5" H x 14.5" D (47 x 19 x 37 cm)
Weight	33 lbs. (15 kg)

ELECTRICAL:

Input Voltage	100-240 VAC (50/60 Hz)
Input Power	1.5kW (MAX)
Power Out to ROV	330 VDC @ 3.6 amps (MAX)

Includes: Video Overlay, Time/Date, Depth & Heading
Includes 15", 2000 nit, LCD monitor, and SD/HD 4ch digital video recorder.

TETHER (C-3407) Neutrally Buoyant

Size	0.55in (14mm) ø x 330ft (100m) long
Breaking Strength	1,000lbs (450kg)
Jacket	80 Mil Thick Green Cellular Polyurethane
Wiring	CAT5E & 12 ea. #22 AWG

OPTIONS:
- Various Sonar Integration Options
- DVL for Station Keeping, USBL for Underwater GPS
- Single or Dual Function Manipulators
- Custom Tooling Skid Packages
- Additional Lights and Cameras
- Customer Specified Tether Length (2000ft Max)
- Controller options