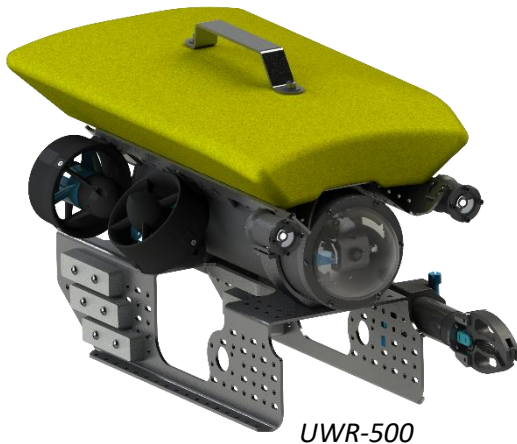


- Fits thru small openings
- Excellent transportability
- High thrust to weight ratio
- Turnkey operation
- 24/7 in water operation (NO BATTERIES)



UWR-500



CON-500



RL-1000  
(optional)



HC-100

*Note: Items not to scale*

## **UNDER WATER ROBOT (UWR-500)**

- 4 ea. 350W Brushless, Flooded Thrusters
- 1 ea. Tilting Color 1080p Video Camera
- 2 ea. High-Powered LED Lights  
3,000 lumens total (1,500 lumens each)
- 1 ea. single function manipulator

### **MECHANICAL:**

Dimensions.....20in. L x 12.25in. W x 13.6in. H  
(51 cm. L x 31 cm. W x 34.5 cm. H)

Weight in air.....28.5 lbs. (9.5 kg.)

Payload Capacity.....2 lbs. (1 kg.)

Depth Rating.....1000 ft. (300 m.)

Thrust (per thruster).....0-11 lbs. (variable)

### **ELECTRICAL:**

Input Power to vehicle...260 to 400 VDC at 1kW max

## **HAND CONTROLLER (HC-100)**

- 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.....5 in. L x 9 in. W x 4.5in H  
13 cm. L x 23 cm. W x 11.4 cm. H)

Weight.....1.7 lbs. (0.8 kg.)

## **CONTROL CONSOLE (CON-500)**

Size.....18.5in L x 14.5 in. W x 7.5 in. H  
(47 cm. L x 37 cm. W x 19 cm. H)

Weight.....33 lbs. (15 kg)

Input Voltage.....100-240 VAC (50/60 Hz)

Output Power.....1,200W (Max)

Voltage Out to ROV.....330 VDC (Max)

Includes: Video Overlay, Time/Date, Depth, Heading, Custom Text & Logos.

Includes 15", 2000 nit (sunlight readable) monitor.

### **TETHER (2 Options) Neutrally Buoyant Standard: C3407 (max length = 1,000 ft.)**

Size.....0.55 in. (14 mm.)  $\varnothing$  x 330.ft. (100 m.) L

Breaking Strength.....1,000 lbs. (450 kg.)

Wiring.....CAT5E & 12 ea. #22 AWG

### **Option: C3607 (max length = 330 ft.)**

Size.....0.375 in. (9.5 mm.)  $\varnothing$  x 330 ft. (100 m.) L

Breaking Strength.....500 lbs. (227 kg.)

Wiring.....5 ea. #26 AWG TP + 2 ea. #24 AWG TP

### **Options**

- Numerous Sonar Integration Options
  - DVL for Station Keeping
  - Topside UWC-360 camera
  - Additional Lights
  - Ultrasonic Thickness Gauge
- All systems with tethers exceeding 850 ft default to SD video.