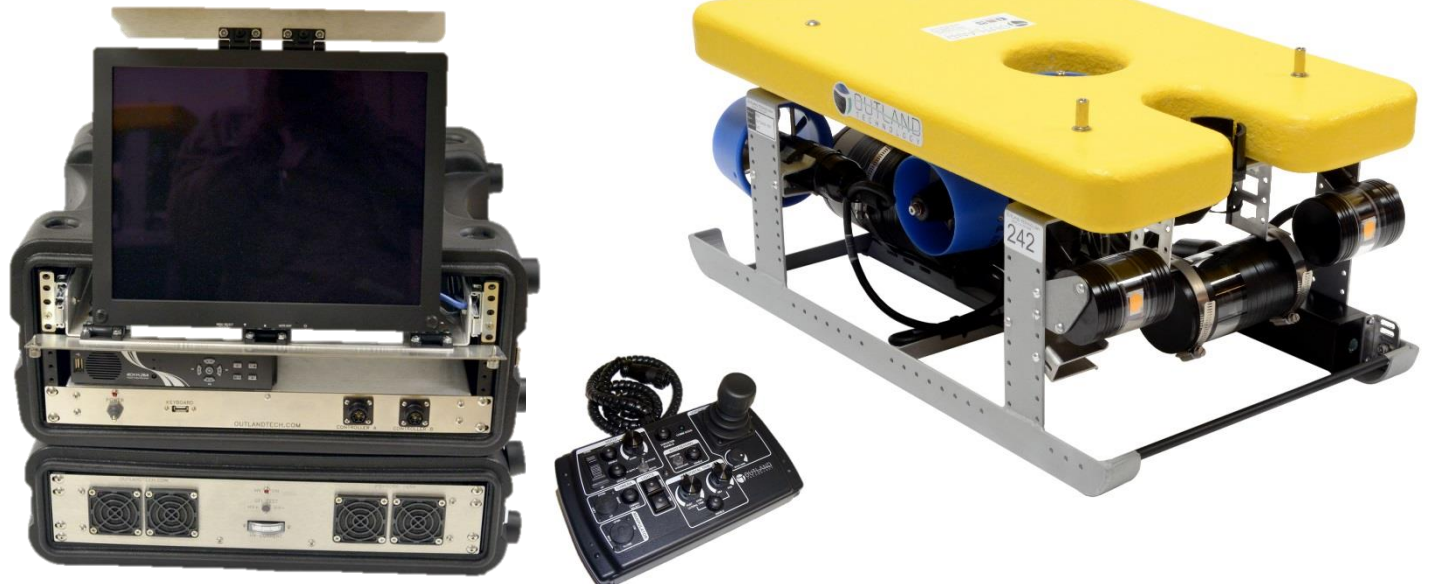


- **High-Tech Magnetically-Coupled Thrusters**
- **Color Tilting Camera** (fwd) (.001 lux. 750 line), **Fixed Camera** (rear)
- **Video Overlay** (Time/Date, Depth and Compass, and text)
- **All Digital Control of Lights, Cameras, Thrusters and Manipulator**



### VEHICLE

The ROV contains the following:

- 4 ea. 1/3 HP Brushless Thrusters
- 1 ea. UWC-360 Tilting Color Video Camera
- 1 ea. Fixed UWC-325 Color Video Camera
- 2 ea. High-Powered UWL-505 LED Lights  
8600 lumens total (4300 lumens each)

#### **MECHANICAL:**

Dimensions..... 26 in. L x 15 in. W x 10.5 in. H  
(66 cm L x 38 cm W x 27 cm H)  
Weight in air..... 39 lbs. (17.7 kg)  
Payload Capacity..... 5 lbs. (2.3 kg)  
Depth Rating..... 1000 ft. (300 m)  
Thrust (per thruster)..... 0-17 lbs. (variable)

#### **ELECTRICAL:**

Input/Thruster Voltage..... 300 VDC

### CABLE (C-3405)

#### **MECHANICAL:**

Size..... 0.55 in (14 mm) dia. x 500 ft. (150 m) long  
Breaking strength..... 1000 lbs. (450 kg)  
Jacket..... 80 Mil Thick Green Cellular Polyurethane  
Weight in seawater..... Neutral

#### **ELECTRICAL:**

CAT5E..... 4 Twisted Pair; #24 AWG  
Conductors..... 12 ea. #22 AWG

### Power Supply & Controller

#### (PS-1080 & CON-1050)

#### **CON-1050, MECHANICAL:**

Size..... 23" W x 10" H x 20" D (58 x 25 x 51 cm)  
Weight..... 36 lbs. (16.3 kg)

#### **PS-1080, MECHANICAL:**

Size..... 23" W x 10" H x 20" D (58 x 25 x 51 cm)  
Weight..... 42 lbs. (19 kg)

#### **ELECTRICAL:**

Input Voltage..... 100-240 VAC (50/60 Hz)  
Input Power..... 2000 Watt (MAX)  
Power Out to ROV..... 300 VDC @ 6 amps (MAX)  
(starting SN 242)

Video Overlay, Time/Date, Depth, Heading, Text.  
Includes 15", 2000 nit, LCD monitor.

### HAND CONTROLLER (HC-2000)

#### **MECHANICAL:**

Size..... 9" W x 5" D x 4.5" H (23 x 13 x 11 cm)  
Weight..... 1.7 lbs. (0.8 kg)

#### **ELECTRICAL:**

Input Voltage (from Power Supply unit)..... 12 VDC  
Data out to Vehicle..... RS-485