

- **High-Tech Magnetically-Coupled Thrusters**
- **Dual Color Tilting Camera** (fwd) (.001 lux. 750 line)(HD-1080p), **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/d Dual SD&HD Color Camera
- 1 ea. Rear Fixed Color Video Camera w/Lights
- 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-1050 & 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 6.6" H x 20" D (58 x 17 x 51 cm)
Weight..... 32 lbs. (15 kg)

ELECTRICAL:

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

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