

- **High Tech magnetic coupled thrusters**
- **Color** (.001 lux. 600 line) & **B&W** (.0003lux. 600 line) **Tilting camera**
- **Video Overlay** (Time/Date, Depth and Compass, and text)



VEHICLE

The Vehicle contains the following:

- 4 ea. 1/3hp Brushless Thrusters
- 2 ea. HIGH POWERED LED lights
- Tilting Color & B&W Video camera

MECHANICAL:

Size..... 26" Lx 15"W x 10.5"L
(65cm x 37cm x 26cm)
Weight..... 39 lbs. (17.7Kg.)
Thrust (per thruster) 0-16.5 lbs. Variable
Payload..... 5 lbs (2.3kg.)

ELECTRICAL:

Motor Voltage..... 165 VDC input
Lights..... 2 ea. 1740 Lumens ea.

CABLE (C-3405)

MECHANICAL:

Size..... .55" (13.7mm) Dia. X 500 ft.(150 mt) long
Breaking strength..... 1000 lbs (450kg.)
Jacket 80 Mils Green Cellular polyurethane
Weight in water Neutral

ELECTRICAL:

CAT5E..... 4 TP #24 AWG.
Conductors: 12 ea. #22awg.

POWER SUPPLY (PSP-1050)

MECHANICAL:

Size..... 22" L X 13" W X 23" D(55 X 33 X 57cm)
Weight..... 54 Lbs.(25 kgs.)

ELECTRICAL:

Power In..... 100-240 VAC (50/60 Hz), @ 1800W MAX
Power out to ROV 165 VDC @ 10 amps.
Spare twisted pair.
Video Overlay, Time/Date, Depth, Heading, Text.
Includes 12" 450 nit, LCD monitor.

HAND CONTROLLER (HC-1000)

MECHANICAL:

Size..... 7.5" L X 4.5" W X 6" H(19 X 11 X 15 cm)
Weight..... 1.1 Lbs.(.5 kgs.)

ELECTRICAL:

Power In..... 12VDC from Power supply.
Data out to Vehicle RS-485

ROV MODEL "OUTLAND 1000"



ROV-1000

Vehicle, rated for operation to 1000 ft.(300m) Includes:

- 1) 4 ea. Thrusters, (2 Horz., 1 lateral, 1 Vertical)
- 2) UWC-360D, (Dual camera on tilt assembly, 360°)
 - (1 ea. Color 600 line, .001 lux.)
 - (1 ea. B&W 600 line, .0003 lux.)
- 3) Depth transducer (programmable for Fresh & Salt water).
- 4) Electronic Compass, GYRO.
- 5) 2 ea. UWL-500 LED lights, (1740 Lumens ea.).
- 6) 1 ea. 8 pin spare connectors, (prewired for sonar & Manip).

CABLE, C-3405

Cable assembly is 500 ft., Includes:

- 1) Connectors on both ends.
- 2) Weight is 49 lbs. Dry, Neutral wet.
- 3) .55" diameter
- 4) 1000 lb. Breaking strength.



POWER SUPPLY, PS-1050

Power supply assembly includes:

- 1) Size, 23" x 23" x 15"
- 2) Weight, 54 lbs.
- 3) 100-240 VAC, 50/60 Hz., 1800 WATTS MAX.
- 4) GFI, LIM, Isolation protection.
- 5) 165 VDC power output to ROV, 10 amps.
- 6) Contains all connectors for cable, hand controller, keyboard, Sonar, & Video out.
- 7) Overlay includes: Depth, heading, time/date, diagnostics.
- 8) 12" Color Transflective LCD Monitor.

HAND CONTROLLER, HC-1000

Joystick controller includes:

- 1) Single Joystick for 3-axis control.
- 2) 16 key keypad for control Vertical (up/dwn) thruster control.
 - Camera tilt control.
 - Light dimmer control.
 - Auto hover on/off.
 - Auto heading on/off.
 - Thruster power level.
- 2 Manip and 4 spare keys (for future applications).



OPTIONS:

- 1) 1000 ft. C-3410 cable.
- 2) Sonar unit Call for price.
- 3) Grabber.
- 4) Cable reel w/Slip rings.
- 5) Many other options Including Multibeam sonar: Call !!!!

