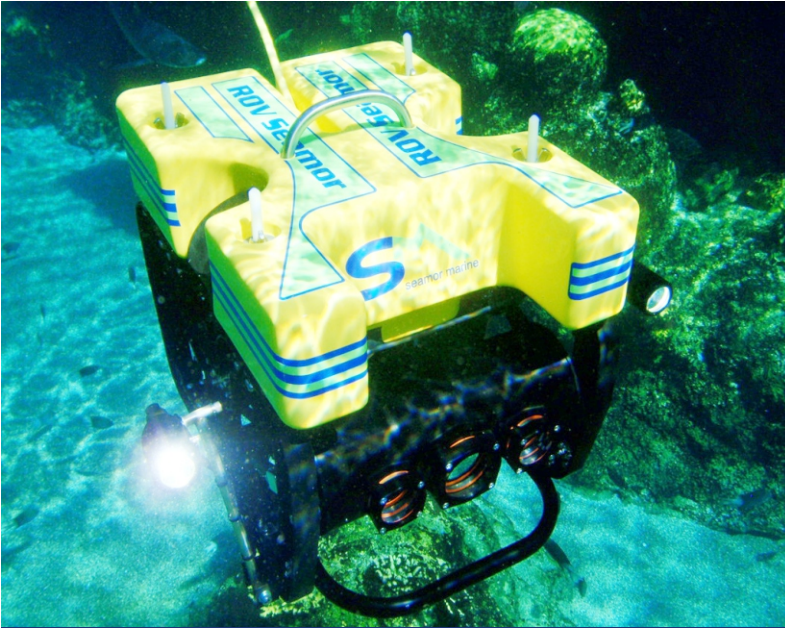


ROV-SEAMOR

SPECIFICATION SHEET



OBSERVATION CLASS ROV-SEAMOR



KEY FEATURES

- ❖ Four high powered horizontal thruster.
- ❖ Two high powered vertical thruster.
- ❖ Auto depth, heading and lateral inspection control.
- ❖ High Res. 40x zoom color camera.
- ❖ Lightweight & Portable.
- ❖ Depth rated to 1,000ft/300m.
- ❖ Standard Imagenex Sonar.
- ❖ Integrated controller with 19" LCD monitor and DVR.
- ❖ ROV control van 6' x 10'.

VEHICLE

SIZE (W X L X H)	14" X 24.5" X 15" 355mm X 622mm X 381mm
WEIGHT IN AIR	~65lb / 30kg
CONSTRUCTION	Aluminium and high impact ABS
DEPTH RATING	1,000ft / 300m
SPEED	Up to 3 knots
POWER	1000W max load

THRUSTERS

HORIZONTAL	4 X 150W
VERTICAL/LATERAL	2 X 150W
THRUST	~15 lb / 6.8 kg per

FORWARD CAMERA & LIGHTS

TYPE	Color 1/4 " CCD Sony Super-HAD Module
SENSITIVITY	1.5 lux min.
RESOLUTION	460 + TV lines (380,000 effective pixels)
FOCUS	Manual and Auto
IRIS	Auto
ZOOM	40:1 (10x optical, 4x digital)
TILT RANGE	180 degree tilting with camera
LIGHTS	2 X 20W LED, variable intensity

AUX. CAMERA

TYPE	Sony Color 1/4 " CCD
SENSITIVITY	<0.5 lux
RESOLUTION	380 TV Lines
FOCUS	Fixed
IRIS	Auto

UMBILICAL

LENGTH	1100ft / 335m standard
DIAMETER	0.4" / 10mm
WEIGHT IN WATER	Neutrally buoyant in fresh
TETHER	Manual reel

SENSORS AND OPTIONS

- *PRESSURE / DEPTH
- *HEADING AND FOCUS LENGTH
- *LEAK AND TEMPERATURE ALARMS AND INDICATOR
- *THRUSTERS STALL ALARMS INDICATOR
- *SPARE THRUSTER, TOOL KIT, MANUAL AND GENERAL SPARES KIT
- *IMAGENEX 852 ULTRA MINIATURE
- *DUAL FUNCTIONS MANIPULATOR / GRIPPER
- *CUSTOM UMBILICAL LENGTHS UP TO 3300 FT / 1100m
- *TRITECH, LINKQUEST OR DESERT STAR POSITIONING
- *HELIOS REAL - TIME VIDEO IMAGE ENHANCEMENT SYSTEM
- *CYGNUS THICKNESS GAUGE
- *2400 LUMEN EACH AUX. LED LIGHT MODULES
- *DEEP C METER ROV CATHODIC PROTECTION SURVEY SYSTEM