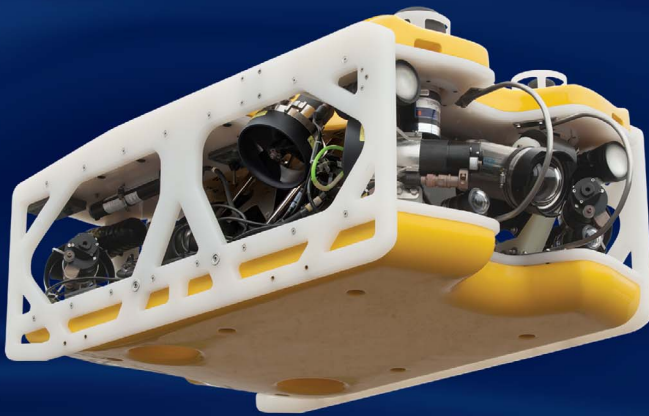




SAAB

SEAEYE SEAOWL-XTi

iCON
Intelligent Control
by Saab Seaeeye Ltd



THE SMALL ROV WITH BIG SYSTEM POWER & VERSATILITY

THE NEW SEAEYE SEAOWL-XTi is the new state of the art ROV combining the size and manoeuvrability of an observation vehicle with the power and versatility of a much larger system.

SeaOwl is equipped with iCON™ Saab Seaeeye's revolutionary intelligent control and power distribution system, which combined with additional sensors, enables full autopilot functionality, auto hovering, waypoint navigation, tunnel navigation and obstacle avoidance.

- Full six degrees of freedom 360° control system
- Seven SM10 thrusters (four vectored horizontal/lateral, three vertical)
- Fibre optic data and video transmission system
- Range of tooling, cameras and sensor packages
- Configurable power distribution system
- Integral system diagnostics
- Full range of handling systems and accessories



SEAOWL-XTi SHOWING THIRD VERTICAL THRUSTER



SEAEYE SEAOWL-XTi



The SeaOwl-XTi has been designed around iCoN™ which maximises performance, reliability and maintainability using a rugged network of distributed devices and software that provides unparalleled real time system control and feedback from the heart of every subsystem.

- Advanced six degrees of freedom control system maximising vehicle performance
- Flexible PC based human machine interface using touchscreens, joysticks and switch panels
- Simple power and serial data connectivity to all system devices
- Flexible/upgradeable system architecture
- Detailed diagnostics and logging of data, from within system devices
- Fault tolerant, automatically adapting in the event of device damage or failure
- Advanced vehicle autopilots for waypoint, heading, depth, pitch/roll and altitude
- Station keeping, cruise, transit and stand off control options.



ICoN CONTROL SYSTEM

SEAEYE SEAOWL-XTi SPECIFICATIONS

SPECIFICATIONS	
Depth rating	2000 msw
Length	1350 mm
Height	560 mm
Width	815 mm
Launch weight	260 kg
Forward speed	> 3 knots
Thrust forward	66 kgf
Thrust lateral	47 kgf
Thrust vertical	60 kgf
Payload	30 kg

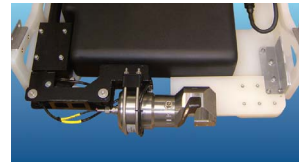
OPTIONS, TOOLS AND ACCESSORIES



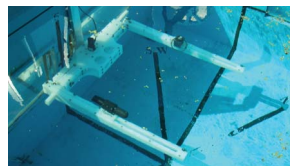
MANIPULATOR SKID



CLEANING BRUSH SKID



CABLE CUTTER SKID



FMD ORIENTATION TOOL SKID



MULTIBEAM SONAR



CYGNUS UT GAUGE

Saab Seaeye Ltd

20 Brunel Way, Segensworth East, Fareham, Hampshire, PO15 5SD, United Kingdom
 Tel: +44 (0) 1489 898000
 Fax: +44 (0) 1489 898001
 e-mail: rovs@seaeeye.com www.seaeeye.com

Saab Seaeeye, Saab North America, Inc.

16225 Park Ten Place, Suite 500, Houston, TX 77084, USA
 Tel: +1 (571) 294 8418

e-mail: rovsusa@seaeeye.com www.seaeeye.com

