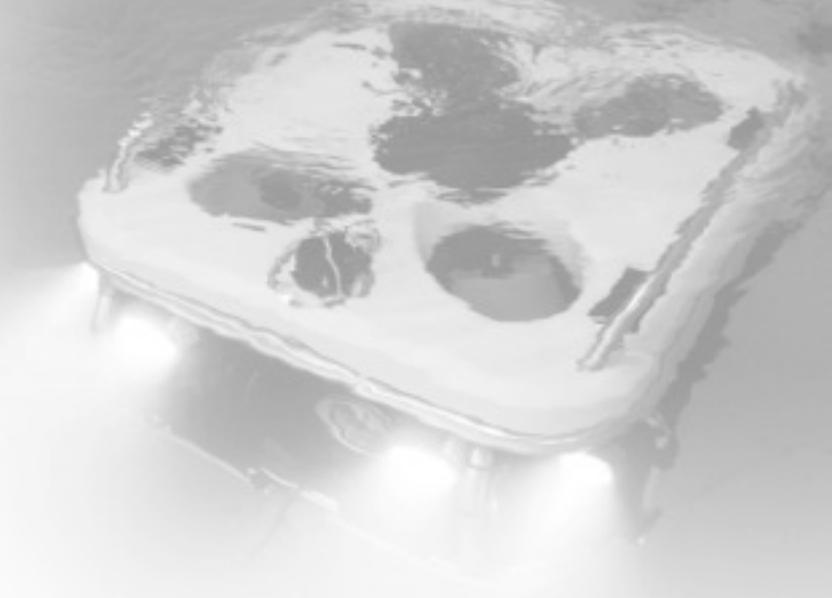




Innovate.
Create.
Challenge.
Lead.



V8 Sii ROV

The Future of Underwater Technology

Founding members of the Ocean Modules team invented the six degrees of freedom concept for underwater vehicles 30 years ago.

In the years since, the technology has been put to use all over the globe, from conquering both the North Pole and South Pole through research expeditions, to protecting the borders of Australia and China to supporting existing and emerging energy markets in Norway and Russia.

Underwater exploration, intervention and reporting has never been easier, faster, cheaper or safer.





V8 Sii ROV

Unlimited 360° Freedom

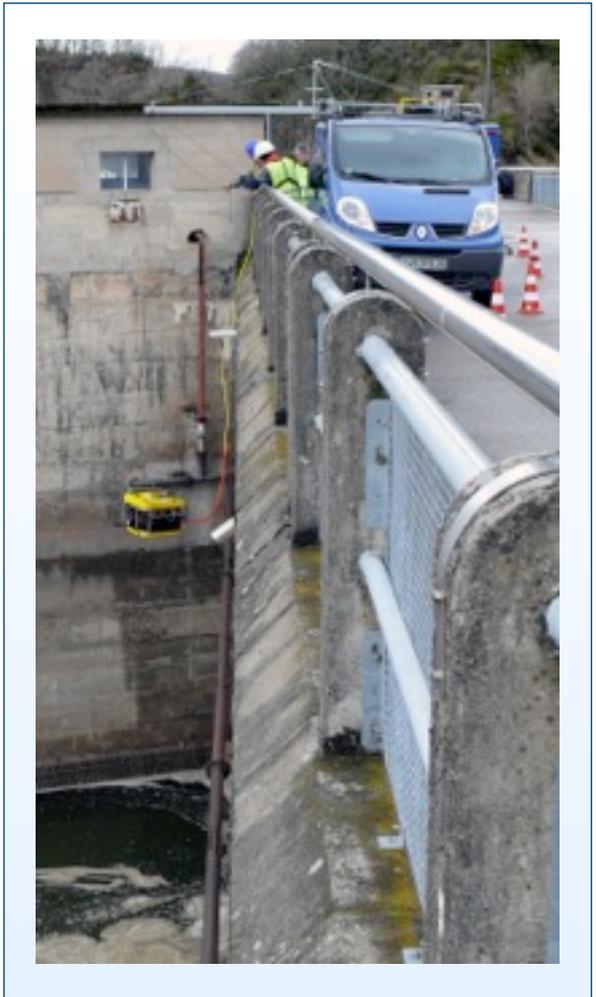
The V8 Sii is the original six degrees of freedom ROV and still, seven years later, the only ROV with a control system that allows unlimited pitch and roll through a full 360 degrees with maintained platform stability.

The capability to rotate 360 degrees in any dimension without losing stability has proved tremendously advantageous for sonar and video inspections as it allows the profile of sea floor, ship hull or subsea structure to be followed regardless of angle.

Diversity

The small size and significant power of the V8 Sii make it ideal for use in a wide range of tasks.

The V8 Sii has been used for such diverse application as measuring the thickness of the Antarctic ice, ship hull inspections, IED removal, performing extremely long inspections in the tunnels for cooling water in nuclear power plants, penetrating ship wrecks, underwater equipment repair and accurate pipe documentation.



Law Enforcement Experience

The Swedish Coast Guard prepares a ROV for launch from the deck of a boat. Using the patented SPOT.ON Information Management software, the exact location of discovered objects can be effortlessly and automatically recorded and reported.



The six degrees of freedom capability has been demonstrated to be a winning concept for advanced military, law enforcement and civilian applications.

Offshore Western Australia

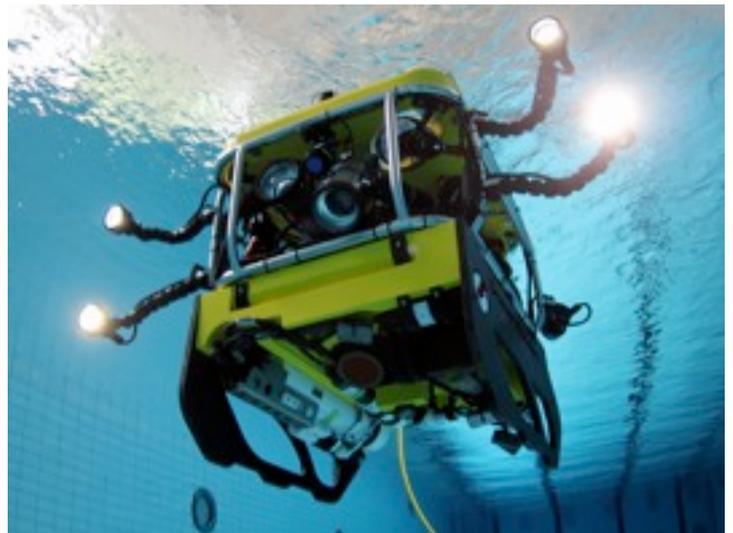
Intervention Engineering inspects an offshore platform using one of their four V8 Sii ROVs. The unique control system allows operation in currents, rough sea and other difficult conditions where competing vehicles would not stand a chance.

Unlimited Modularity

The V8 Sii provides perfect stability at any attitude, making it possible to mount sensors at various angles for different types of research without reconfiguration.

The pictured vehicle is equipped with dual HD cameras, a wide-angle camera, five LED lights, manipulator, altimeter, obstacle avoidance sonar, multi-beam sonar, acoustic Doppler current profiler, USBL and sensors for temperature, salinity, light, pH, O₂, chlorophyll and flouride.

Of course the skid can be disconnected for an even lighter, faster and nimbler vehicle.



Researchers on a polar expedition prepare to launch a V8 Sii through the Antarctic ice.



Global Experience

Ocean Modules has sold equipment and services to markets such as Scandinavia, Europe, China, South Korea, USA and Saudi Arabia. Ocean Modules has a global network of sales and service partners.

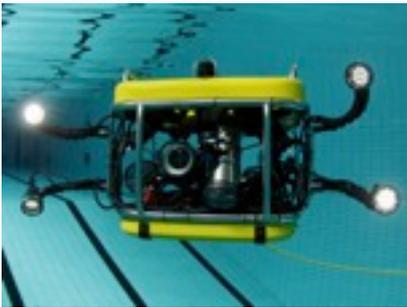
Customers include the US Navy, Royal Australian Navy, Finnish Navy, Chinese Navy, Finnish Maritime Administration, Australian Customs Service, Australian Antarctic Division, Swedish Police Service, Norwegian Police Force, Swedish Coast Guard, Royal Danish Navy, DeepOcean Norway.

Countless other dive operators, water authorities, marine consultants, nuclear power plant authorities and law enforcement agencies rely on Ocean Modules for products and services.



Experience-based Learning

Ocean Modules provides a comprehensive range of practical and theoretical training courses for operators.



Maintenance Training

A basic preventative maintenance and field repair course is provided with each ROV sale.



Customer Care

Ocean Modules provides a complete solution for ROV management, from requirement analysis to aftermarket service and support.

Ocean Modules V8 Sii ROV Specification

	Standard	Options
Depth	500 m	1000 m
Dimensions	750/480/650 mm	
Control System	360° Freedom	
Speed	3 knots	variable
Weight in Air	50 kg	variable
Payload	10 kg	15 kg
Video	2x analog	2x analog, 1x HDSDI
Ethernet	-	1x Gigabit
Serial	1x RS232/RS485	4x RS232/RS485
Comms	1x analog/digital	3x analog/digital
Manipulator	1F	5F
Illumination	4x LED 24VDC	
Power	5kW	
Thrusters	8x T110	
Umbilical	500 m copper	800 m fiber
Surface Unit	600/250/600 mm, 21 kg	
Outputs	2x video, USB, RS232	Ethernet
Pilot Unit	240/130/180 mm, 2 kg	

Errors and Omissions Excepted

Customer Satisfaction is Always our First Priority

One of our favorite customers had this to say about us:

"It is a testament to your design and implementation that the V8 has proved so reliable and commercially successful for us. Since I was in Sweden in October we have done six major campaigns of about 3-4 weeks each, and not suffered a single significant failure other than a flooded light. My only reservation in fully recommending the vehicle is that it might push me back in the queue for the next one."

Please contact us for a product introduction or visit our website for a video demonstration. We would be thrilled to hear what specific problems we might be able to solve!

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