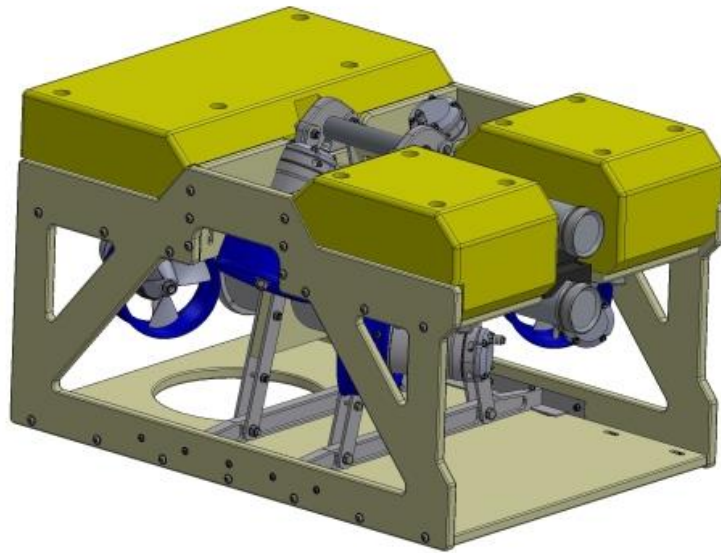


# DragonROV

Intelligent Subsea Equipment



## Description:

A powerful electric ROV built for aggressive offshore applications. Capable of operating at depths of up to 300m in free flying setup, and 1000m with a TMS.

## Viserion electric ROV

### MAIN FEATURES

- Powerful DC thrusters
- Lightweight frame
- High payload and expandability
- High electrical power availability for sensors and equipment

### Further Information

Advanced spares kits also available

### Equipment supplied

Standard vehicle supply includes

- Vehicle assembly c/w load tested frame, 6 x ELT160 thrusters, tether junction box, thruster and JB compensators, tilt unit, and tilting camera mounting saddle.
- Topside power supply depending on configuration and system setup.
- Topside control PC, c/w vehicle control software.
- Topside control unit.
- Rack mounted power control and monitoring module.

# ViserionI Specifications

## Dimensions

Length (mm).....	1000
Width (mm).....	700
Height (mm).....	600
Depth Rating (m).....	1000
Weight in Air (Kg).....	120
Payload Capacity (Kg).....	40
Power.....	12kW
Thrusters Horizontal (mmØ).....	4 x ELT160
Thrusters Vertical (mmØ).....	2 x ELT160
Bollard Pull (Nominal)	
Forward (Kgf).....	110
Lateral (Kgf).....	100
Vertical (Kgf).....	52
Surface Speed (nominal).....	4.0 Knots

## Standard System Equipment

- Fiber optic telemetry
- Twin Camera Tilt Unit
- 3off LED Light units
- Depth Transducer
- Recovery Lift Point

## Optional Equipment

- Cameras – various third party options.
- HD cameras – various third party options.
- Sonar unit - various third party options.
- Altimeter
- CP Probe
- 3 Function Electric Manipulator
- Hydraulic power unit
- Cleaning Brush
- Acoustic Transponder
- Recovery Beacon and Flasher
- Recovery Bullet & Lock Latch
- Auto-positioning features (station keeping, waypoint following, return to location) when suitable DVL and gyrocompass are fitted.

## Control System

- Windows PC based control system with power management, diagnostics and auto-position capability

## Features

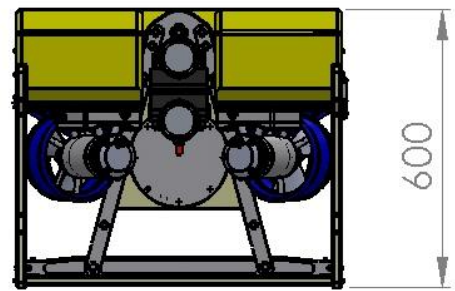
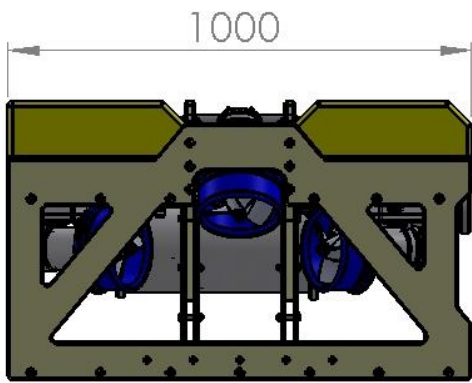
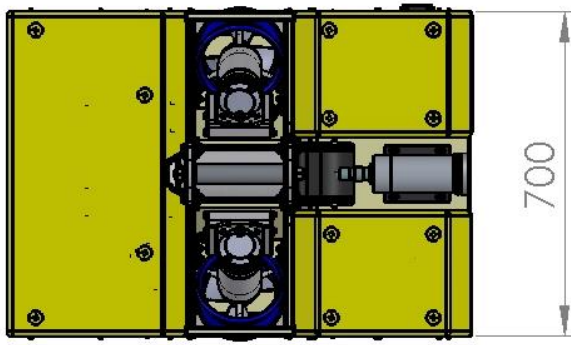
- Windows Based Software
- Graphical status and fault locator
- Real-time Optical Multiplexer, video condition and fault monitoring
- User preset positioning of Camera tilt unit

## Telemetry

- 2 x Real-time PAL & NTSC video channels
- Spare digital and analogue I/O's dependent on requirements and equipment fitted.
- Ethernet/RS232 option

## Additional System options

- Electric or hydraulic storage Winch
- Control Cabin
- Certified/Zone rated Winch/Cabin
- Integrated Pilot Chair
- Graphics/Vision/Sonar monitors
- Video Overlay/Switching/Recording
- Workskids (Tooling, Survey, etc)



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