

OBS CLASS ROV 3kW

The Argus Mini is a small light weight ROV. Can be easily transported and fitted on any small boat.

The Mini is a light observation class ROV ideal for survey and inspection, with a depth ratings down to 1000msw.

The control rack consists of Surface control box with Fiber mux system and ROV control system, Video overlay with HD video recorder and the Power supply for the ROV. The System requires a 16A / 230VAC power input.

ACSM CUSTOMISATION SERVICES

ACSM understand that every customer is different and therefore have individual needs from their systems, in order to meet your specific requirements ACSM can customize our ROVs using a range of standard components to suit the mission and get successful results.



FEATURES

- 1000 m maximum water depth
- Dimensions 0.9 x 0.65 x 0.5 m
- Weight (kg) 100 air
- 7 x 500W thrusters, 4 Horizontal, 3 vertical
- Up to 3 knots /38 kgf FWD Thrust
- 15 kg Payload
- Auto heading, auto depth, auto altitude, DP and WP navigation.
- Mini DC manipulator with 10 kgf K
- Standard ARGUS Winch with a 1000m neutral buoyant tether
- Survey Equipment: FOG, MBES, DVL, Bathy, HD Camera, TSS440/660 cable/pipe tracker, CP, CTD.
- 3 kVA, 230 VAC, 50/60 Hz



ROV CONTROL SOFTWARE

PC based control software providing easy interfacing to auxiliary equipment by the operator.

The Video overlay provides Heading, date and time, depth, customer logo and free text and other relevant data.

The vehicle data provides heading, turns, depth, el. bottle temp., thrusters control signals, thrusters shut down of each thruster, thruster current, roll/pitch, 230VAC, 24VDC, altimeter height, leak sensor, compensator feedback and ground fault is connected to the GUI. These values are displayed on the PC screen as graphics or text.

Vehicle data may be exported to the client's survey or navigation computer via the control PC. All vehicle data can be presented on the video overlay.

EQUIPMENT & TOOLING

- 19" inch rack mount Surface control box
- 1x HD Camera 1080i
- 2x HD IP Camera
- 1x Argus Tilt 24V with feedback
- 2x 130W dimmable LED lights - 11 500 lumens each
- Standard communication channels: 2x RS-232/485 channels / 2x Gb Ethernet
- WaterLinked DVL for auto position mode (DP)
- Fluxgate compass
- Rate Gyro for auto heading
- Depth sensor +0.1%FS
- 1x DC manipulator with 10 kgf K

