

## Modular Seafloor Lander

Our compact seafloor lander is available with several standard sensor packages. Additional customer specific sensors are possible.

The high level of system integration allows to provide our customers with unprecedented functionality at very economic prices.

The lander can easily be deployed and recovered due to the compactness and lightweight design.

In addition, the develogic seafloor lander can be quickly redeployed due to low maintenance and effort.

Data transmission and immediate verification of deployment success becomes possible with the included acoustic data telemetry.

Data accessibility is ensured in case of lander drifting on the surface.

Our basic lander version includes acoustic data telemetry, an acoustic release, satellite GPS recovery beacon with LED strobe, a composite system housing with a large refillable battery container (133 cells standard) and an 8 channel data logger (analog and digital).

Non magnetic ballast is available to allow for sensors that rely on compass data.

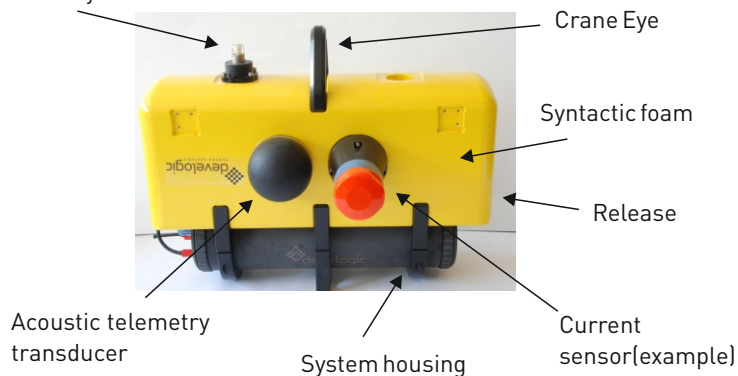
Our standard sensor packages are:

- CTD (AADI™)
- Single point current sensor (AADI™)
- Seismic (Seismic.Vault, develogic), 3 channel gymbaling geophone + hydrophone
- Acoustic (Sono.Vault, develogic), long term acoustic recording system up to 24 month)
- Precision pressure (Paroscientific™)

All standard packages can be combined.

### Setting of the MSL.3000/6000 with AADI current sensor and CTD

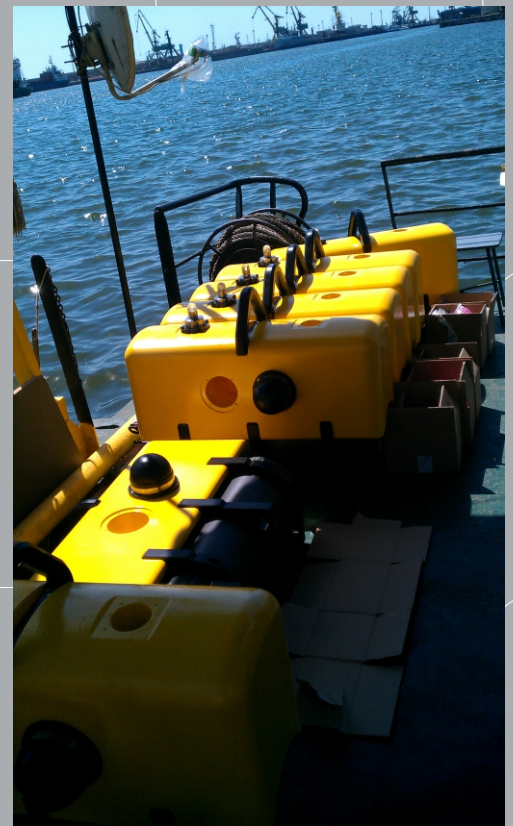
Recovery beacon and satellite telemetry



### Modular Seafloor Lander



develogic modular seafloor lander with housing and sensor



develogic modular seafloor landers on board in Rumania



develogic modular seafloor lander with current sensor



develogic modular seafloor lander with current sensor and pressure housing



MSL 6000 with Aanderaa Seaguard 2 DCP

## INFORMATION

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## Product Specification

### Technical Data

- Rated deployment depth: 750m, 3,000m, 6,000m
- Size: 950x600x450mm (MSL.3000) / 950x670x450mm (MSL.6000) not including sensors, recovery hook
- Weight (in air, including batteries, excluding ballast) : approx. 99kg (MSL.3000) / 118kg (MSL.6000)
- Displacement: 123l (MSL.3000) / 141l (MSL.6000)
- Energy capacity up to 8000WH, depending on cell configuration
- Programmable sensor power supply: 5V, 8V, 12V
- 8D+4A data logger with 8 RS232/422 ports and 4 analog (24 bit) channels
- RS232 configuration interface
- Acoustic telemetry: HAM.Base acoustic modem with hemispherical transducer for bidirectional communication
- Fail safe acoustic release
- Satellite recovery beacon: Integrated GPS, Iridium transponder, surfacing sensor, LED flasher, bidirection communication on surface
- Rugged syntactic foam flotation, signal yellow
- Ballast weight plate: Standard steel or non magnetic ballast plate

