

SEAEXPLORER GLIDER X3

The latest generation of the SEAEXPLORER platform

ALSEAMAR is thrilled to unveil the SEAEXPLORER X3, the latest generation of our underwater glider. Building upon the success of the SEAEXPLORER X2, the X3 incorporates significant improvements in power efficiency, acoustic noise reduction

and data reading reliability. Leveraging from years of research, development, and users feedbacks, the SEAEXPLORER X3 is designed to deliver industry leading performances and polyvalence for a wide range of oceanographic applications.



Standard X3



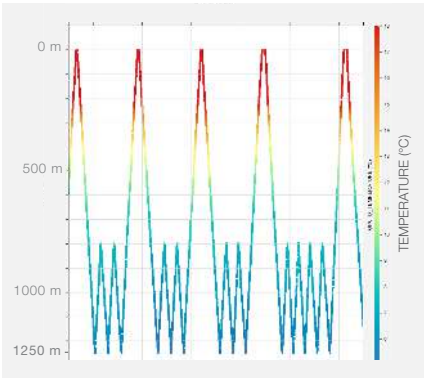
With 1250m option

BRAND NEW FEATURES

- New electronic system reducing power consumption & acoustic noise
- Better payload management system increasing the robustness of the data for each sensor

ROBUST AND EASY TO OPERATE

Body Size	0.25m x 2m + 767mm antenna
Wingspan	56.5cm wingless design
Weight	59kg in air



HIGH-TECHNOLOGY RELIABLE AND FRIENDLY SYSTEM

Depth Rating / Ballast Volume	1000m (with 1250m option) / 1000cc (±500ml)
Speed	Nominal 0.5kt / Maximum 1kt
Battery	Rechargeable Li-ion
Options and extensions	Backseat driving system, propellers
Max. gradient of density for navigation	14 Δσ
Typical range (endurance*)	125 days / 2700km

*Configuration: Legato + CODA (CTD + DO) - Range and endurance depend on sensors, sampling strategy and mission environment

DESIGNED FOR A WIDE RANGE OF OCEANOGRAPHIC APPLICATIONS

Communications	GPS / Satellite (Iridium) / Radio - triple antenna
Navigation modes	Survey / Virtual mooring / Drifting / Bottoming
Safety	Autonomous drop-weight & strobe light Optional: Locator Pinger (ULB) and / or ARGOS
Architecture	2 independent CPUs (Linux): payload & navigation



ALCEN

6 rue Paul Baudry
75008 PARIS – France
Tel. + 33 (0)1 40 72 55 00
alcen@alcen.com
www.alcen.com

ALSEAMAR

60 Avenue Olivier Perroy
13790 ROUSSET – France
Tel. + 33 (0)4 42 61 64 80
sales@alseamar-alcen.com
www.alseamar-alcen.com