



► System Components

- Innomar SES-2000 smart sub-bottom profiler
- dotOcean Calypso inflatable survey platform (L 180 cm × W 93 cm × H 20 cm / 16 kg)
- dotOcean AYB with Atlantis cloud auto-navigation
- manual radio remote control
- two underwater thrusters
- one box for batteries and battery management (L 50 cm × W 38 cm × H 32 cm / 41 kg)
- one box for electronics, sensors and payload (L 66 cm × W 52 cm × H 38 cm / 31 kg)
- integrated uninterrupted power supply (UPS)
- dual-antenna GNSS for position and heading (optional)

► Performance

- easy transport and fast deployment
- platform payload max. 150 kg
- under keel clearance 25 cm
- speed up to three knots
- cloud control (3G/4G) or radio R/C
- sensor mount via moon pool or detachable bracket

► Applications

- surveys in very shallow waters
- surveys in sensible environments
- automatic data acquisition in pre-defined areas with narrow line spacing for shallow seismic 3D modeling
- perfect integration with the Innomar SES-2000 smart sub-bottom profiler
- users may integrate various third-party equipment, such as MBES, ADCP, SSS

► Innomar SES-2000 smart SBP

- parametric sub-bottom profiler
- two frequencies: 10 kHz / 100 kHz
- water depth range 0.5–100 m
- sediment penetration up to 20 m
- layer resolution better than 10 cm

SES-2000 autonomous USV Mounted Parametric SBP

► Power Supply

- 12V / 180Ah Lithium batteries (optional)
- integrated battery management
- external charger (100–240V AC)

