



EDGE™

EDGE™ is the first system designed to deliver full tactical underwater command and control capabilities. Created to meet the highest demands of real operational underwater missions, EDGE™ provides divers and commanders with full underwater situational awareness, on a level never experienced before.

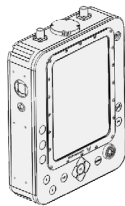
Specifically developed for covert military underwater activity, EDGE™ enables network communications between several nodes, with or without line-of-sight, ensuring both high reliability and long range data transfer in rough acoustic environments. Special Forces divers, operational and on-site commanders, and land headquarters, can now benefit from a live information stream, enabling crucial decision making in real-time.

EDGE™ significantly enhances divers' situational awareness and safety by providing unique advanced capabilities:

EDGE™ Location Information – Each node underwater and above receives the real-time location of all other nodes.

EDGE™ Instant Messaging – Each node can send and receive immediate text updates.

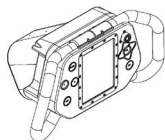
EDGE™ provides the most innovative tactical underwater command and control solutions available.



EDGE™ Commander

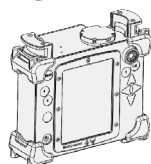
Full C4I solution designed for commanders:

- Operating on SDV or Boat
- Coupled with on-board navigation system, sonar and other peripherals



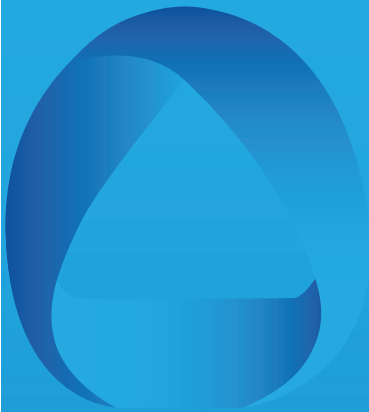
EDGE™ Nav

Full C4I solution for divers with a completely autonomous navigation solution



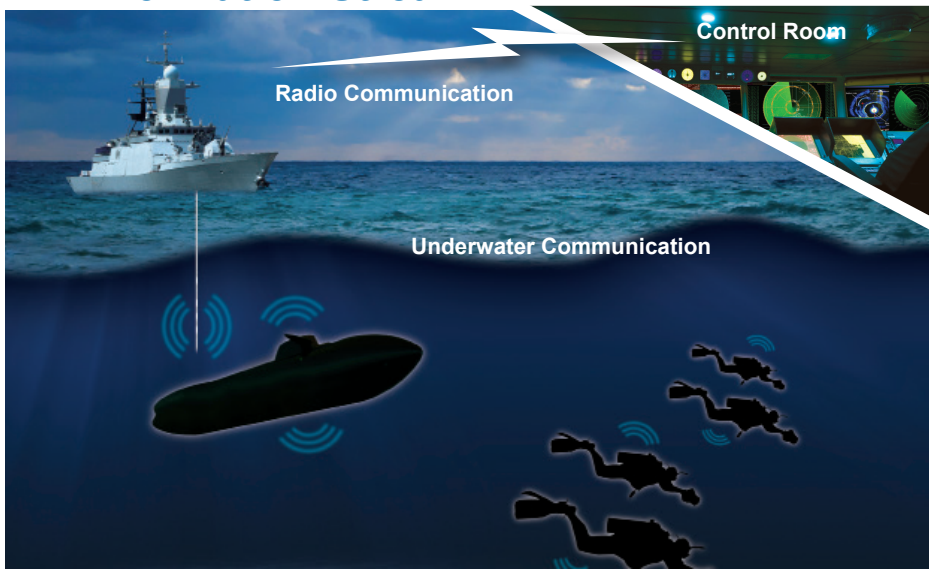
EDGE™ Compact

Full C4I solution for multi-purpose missions - unique compact design.



PRIDE
PASSION
PERFORMANCE

C4I Information Stream



Product Features

	EDGE™ Commander	EDGE™ NAV	EDGE™ Compact
Dimensions	12" x 10" x 3"	10" x 6" x 9"	8.4" x 7" x 2.3"
Weight	19.8 lbs (in air) 6.6 lbs (in water)	17.6 lbs (in air) 0.44 lbs (in water)	8.8 lbs (in air) 1.3 lbs (in water)
Material	Aluminum 6061 – T6, Hard Anodized Black		
Operating Temperature	23° F to 113° F (-5° C to +45° C)		
Operating Depth	164 ft (50M)		
Underwater Navigation	DR, External DVL (optional)	Internal DVL	DR, External DVL (optional)
Power Supply	Internal Li-Ion Battery (19650 rugged cell)		
Operating Time	7 hrs, no comms 3.5 hrs, w/comms	8 hrs, no comms 6 hrs, w/comms	8 hrs, no comms 4.5 hrs, w/comms
Charging Time	6 hours and fully charged LED indicator	6 hours	6 hours and fully charged LED indicator
Processor	Intel Atom 1600 MHz, running MS Windows OS		
Internal Storage	CF, 16GB	SSD, 32 to 64 GB	CF, 16GB
Display	10" XGA (1024 x 768) 16M colors Visible in all water conditions 1000cd/m ²	6.5" XGA (1024 x 768) 16M colors Visible in all water conditions 600cd/m ²	6.5" XGA (1024 x 768) 16M colors Visible in all water conditions 600cd/m ²
Software and Charts	Oceana unique C4I and navigation software, including on product & external PC mission preparation and debriefing. Supporting S57/S63 chart formats.		
Integrated Sensors	Compass, Internal GPS, depth gauge, pitch & roll, battery gauge		
Effective Communication Range	Up to 2.68 miles (4 km)		
User Interface	4D mouse and Piezo button interface		
External Communications Interface	RS232 x 1, USB x 1, Underwater communications		
Connectors	Impulse TITAN™ SERIES Wet sealed type, wet mate-able Used for: charging, mission upload, data download and to connect the underwater communications transducer		

Mistral, Inc. is a member of the Mistral Group, a team of independent companies, each operating in different markets worldwide, while collectively sharing the mission of "Bridging" operational gaps in the Defense and Law Enforcement Markets with practical, innovative, and high technology readiness solutions.