



## DNS300™ SONAR

The DNS300™ Sonar is the best hand-held sonar solution in the market today offering coverage for all ranges.

- Powered by BlueView™ Sonars
- Coupled with advanced navigation capabilities

The DNS300™ Sonar provides accurate underwater documentation, navigation sensors and data. Effectively detects large and small underwater objects suitable for EOD and Search and Rescue divers with low magnetic signature.

### Fully Integrated Hand-Held Sonar

- Single enclosure contains all sensors and batteries: sonar, compass, pressure gauge and GPS
- No external cables

### Significantly Lighter and Smaller

- Simplifies the diving profile and overall maneuverability
- Neutral buoyancy in water
- Weighs less than 17 lbs.
- Internal batteries provide 5 hours of operation

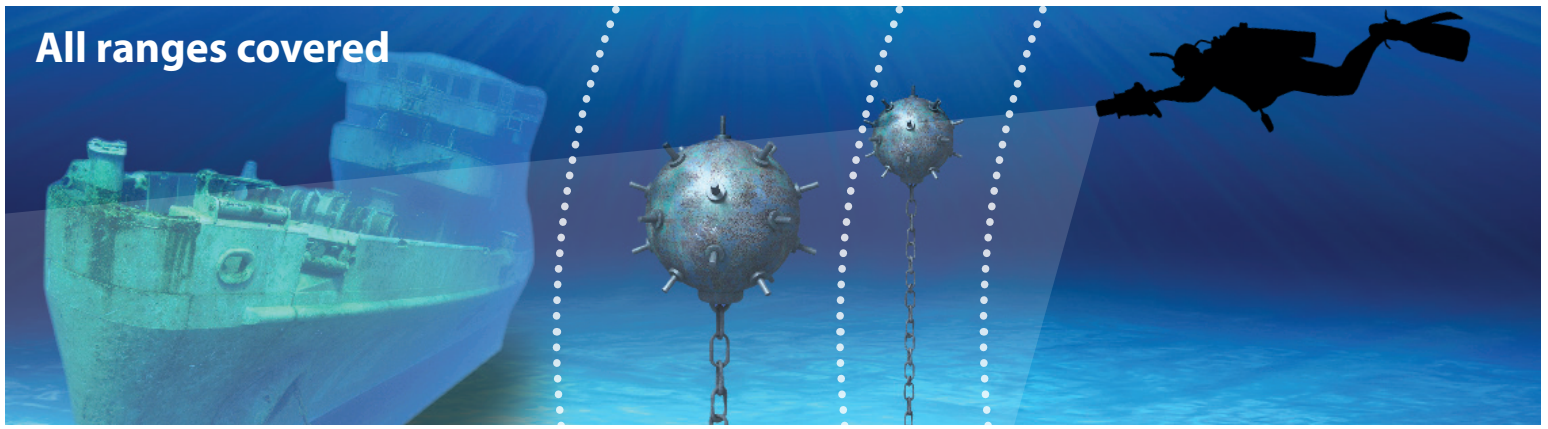
### Accurate Target Positioning and Documentation

- Advanced navigation capabilities
- Accurate target positioning info:
  - Latitude
  - Longitude
- Full data recording and logging



PRIDE  
PASSION  
PERFORMANCE

All ranges covered



## Product Features

<b>Dimensions</b>	10.7" x 7.0" x 12.2 - 14.2" (options)
<b>SONAR</b>	BlueView 2D Multi-Beam SONAR
<b>Frequency</b>	900/2,250 KHz, Dual Frequency
<b>Optimal Range</b>	6.5 - 200/1.6 - 16 ft.
<b>Weight</b>	16.5 lbs / 7.5 kg (in air) .44 lbs / 200 gr (in water)
<b>Material</b>	Aluminum 6061 - T6, Hard Anodized Black
<b>Operating Temperature</b>	23°F to 113°F (-5°C to +45°C)
<b>Operating Depth</b>	164 ft (50 M)
<b>Power Supply</b>	Internal Li-Ion Battery (18650 rugged cell)
<b>Operating Time</b>	5 hours
<b>Charging Time</b>	6 hours
<b>Processor</b>	Intel Atom 1600 MHz, running MS Windows OS
<b>Internal Storage</b>	SSD, 32 to 64 GB
<b>Display</b>	6.5" XGA (1024x768), 16M colors, Visible in all water conditions 600cd/m <sup>2</sup>
<b>Software and Charts</b>	Oceana unique navigation software, including on product and external PC mission preparation and debriefing. Supporting S57/S63 chart formats.
<b>Integrated Sensors</b>	BlueView Sonar, compass, internal GPS, depth gauge, pitch & roll, battery gauge
<b>User Interface</b>	4D mouse and Piezo button interface
<b>External Communications</b>	RS232 x1, USB x1
<b>Connectors</b>	Impulse TITAN™ SERIES, Wet-sealed type; wet mate-able Used for: charging, mission upload, data download

Mistral Detection 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.