

# MULTIBEAM SONAR

The Multibeam Sonar from Blueprint Subsea provides a comprehensive view of surrounding structures, objects, and the seafloor, making it an excellent navigational aid for **EXRAY™**. With rapid image updates, it enhances the ability to identify specific objects, making it ideal for underwater inspections and delivering precise dimensional data on structures and other targets.

The Multibeam Sonar is fully integrated with **NAVIA™** without the need of an external system.



## SYSTEM SPECIFICATIONS

<b>Dimensions (LxWxH)</b>	125 x 122 x 62 mm (4.92 x 4.80 x 2.44 in)
<b>Weight in Air</b>	980 g (34.57 oz)
<b>Weight in Water</b>	Neutrally buoyant
<b>Depth Rating</b>	500 m (1640.42 ft)
<b>Operating Temperature Range</b>	-5°C to 35°C (23°F to 95°F)
<b>Storage Temperature Rating</b>	-20°C to 50°C (-4°F to 122°F)

## PERFORMANCE SPECIFICATIONS

	M1200d	M3000d
<b>Operating Frequency</b>	1.2 MHz / 2.1 MHz	1.2 MHz / 3.0 MHz
<b>Maximum Range</b>	40 m / 10 m (131.23 ft / 32.81 ft)	30 m / 5 m (98.43 ft / 16.40 ft)
<b>Minimum Range</b>	2.5 mm / 2.5 mm (0.098 in / 0.098 in)	2.5 mm / 2 mm (0.098 in / 0.079 in)
<b>Update Rate</b>	40Hz	40Hz
<b>Horizontal Aperture</b>	130° / 60°	130° / 40°
<b>Vertical Aperture</b>	20° / 12°	20° / 20°
<b>Number of Beams</b>	512	512
<b>Angular Resolution</b>	0.6° / 0.4°	0.6° / 0.4°
<b>Beam Separation</b>	0.25° / 0.16°	0.25° / 0.1°

