

Accessory Data Sheet

BluePrint Oculus Sonar

The **Oculus M series Multibeam Sonars** are a new generation of imaging sonar, designed for use across a wide variety of underwater applications.

Their small form factor, weighing less than 400g in water, and dual frequency capabilities make them ideally suited for deployment on micro-sized platforms, while their rugged construction also makes them an excellent choice for subsea infrastructure.

Frequency 375kHz
Range 0.2m to 200m
 8mm res
Update Rate 40Hz
Apertures 130° horiz
 20° vert
Resolution 256 beams
 2° angular res
 0.5° beam separation

Frequency Dual: 750kHz / 1.2MHz
Range 0.1m to 120m / 40m
 4mm / 2.5mm res
Update Rate 40Hz
Apertures 130° / 70° horiz
 20° / 12° vert
Resolution 512 beams
 1° / 0.6° angular res
 0.25° / 0.16° beam separation

Frequency Dual: 1.2MHz / 2.1MHz
Range 0.1m to 30m
 2.5mm / 2.5mm res
Update Rate 40Hz
Apertures 130° / 60° horiz
 20° / 12° vert
Resolution 512 beams
 0.6° / 0.4° angular res
 0.25° / 0.16° beam separation



Oculus M370s



Oculus M750d



Oculus M1200d