

# Broadband Multi-beam EchoSounder



R2Sonic have introduced their next generation SONIC 2024 Broadband Multi-beam echosounder system. The Sonic 2024 provides users maximum survey flexibility with selectable wideband frequencies from 200kHz to 400kHz from a vessel, ROV or AUV.

The system architecture with embedded processor and controller eliminates bulky processors and interface bottles on the vessel. Its low weight, volume and power requirements also make it an ideal system for incorporation to a wide variety of AUV platforms.

The focused  $0.5^{\circ} \times 1^{\circ}$  beam widths, coupled with ultra high 60kHz signal bandwidth provide unprecedented resolution over bottom features and imagery. The Sonic 2024 provides  $130^{\circ}$  horizontal swath coverage and may be provided in dual head configuration which operates at full system ping rates, enabling faster survey speeds, reducing survey time and costs.