

MB2250-45

3D

Ultra-High Resolution MicroBathymetry

At 2.25 MHz, the MB2250 delivers 3D bathymetry data at levels more akin to a laser line scanner than today's low frequency bathymetry systems. Mountable on Boats, ROVs, UUVs, and Tripods, BlueView's MB2250 is the right tool to take your operation into the next generation of 3D bottom and structure mapping.



APPLICATIONS

- Site Survey
- 3D Structure Rendering
- Post Hurricane Inspection
- Environmental Assessments

BENEFITS

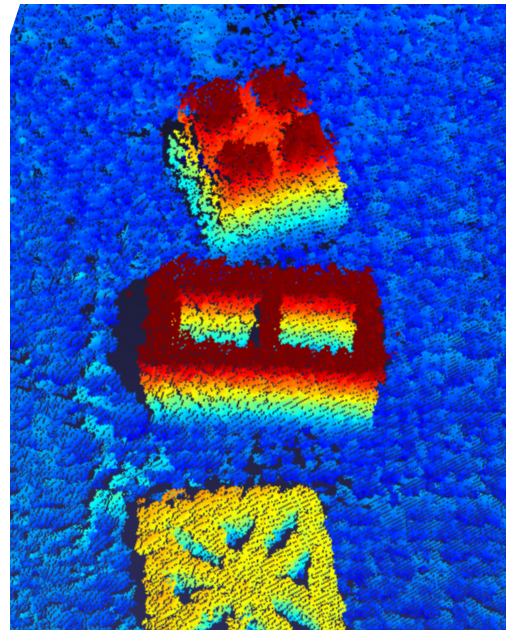
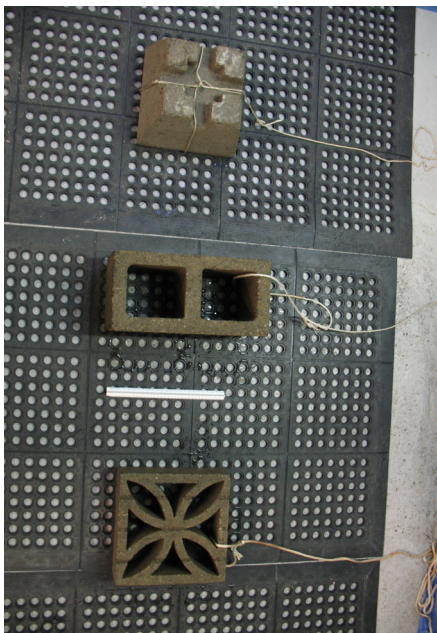
- Ultra-High Resolution
- Compact / low power
- Designed for easy integration

FEATURES

- Industry Standard Output Format
- Standard Ethernet Interface
- Software Development Kit

RESULTS

DETAILED STRUCTURE RENDERING



This 3D scan of a set of concrete blocks shows the level of detail achievable with a BlueView MicroBathymetry sonar. In this shot, the sonar was used in a traditional bathymetry mode looking down as the sonar moved over the top of the targets

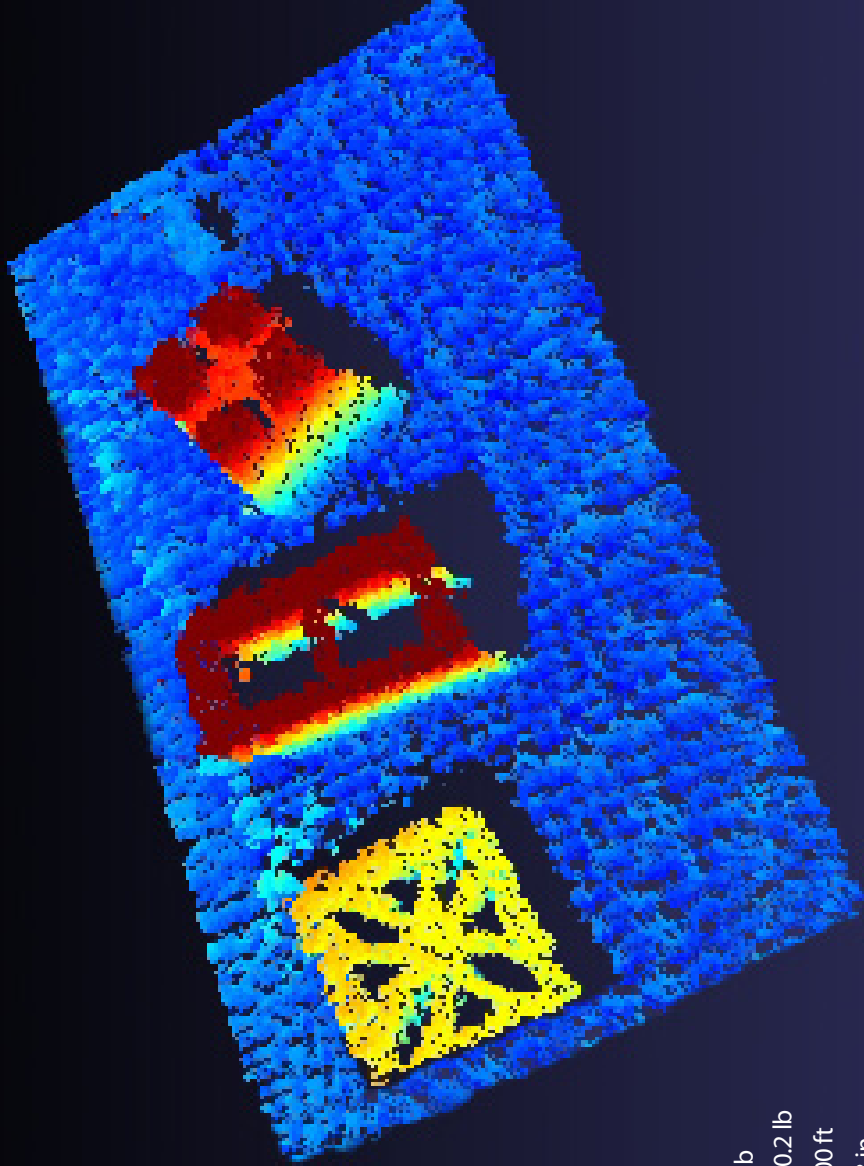
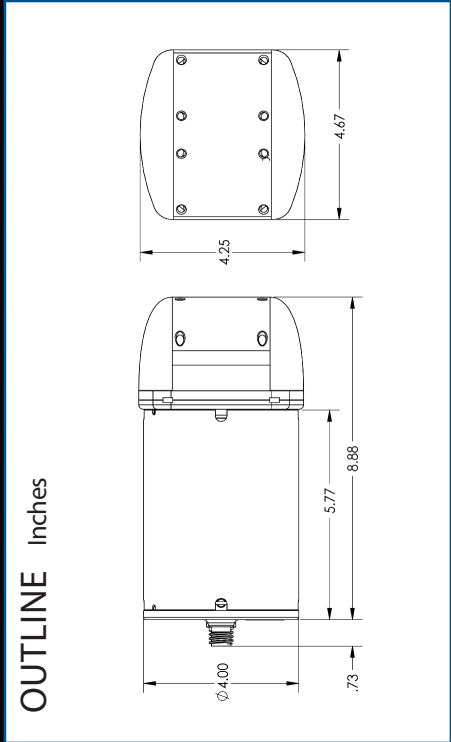
Visit www.blueview.com to view our collection of streaming sonar movies

BlueView[™]
TECHNOLOGIES

MB2250-45

3D

Ultra-High Resolution
MicroBathymetry



SPECIFICATIONS

SONAR	INTERFACE	MECHANICAL
▪ Field of View: 45° x 1° ▪ Max Range: 30 ft ▪ Beam Width: 1° x 1° ▪ Number of Beams: 256 ▪ Beam Spacing: 0.18° ▪ Time Resolution: 0.08 in (0.2 mm) ▪ Max Update Rate: 40 Hz ▪ Frequency: 2.25 MHz	▪ Industry Standard Interface Format ▪ Ethernet at Head ▪ Voltage: 12-48VDC ▪ Power: 15 Watts	▪ Weight in Air: 8.1 lb ▪ Weight in Water: -0.2 lb ▪ Depth Rating: 1000 ft ▪ Size: 8.9 x 4.7 x 4.3 in