

# 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

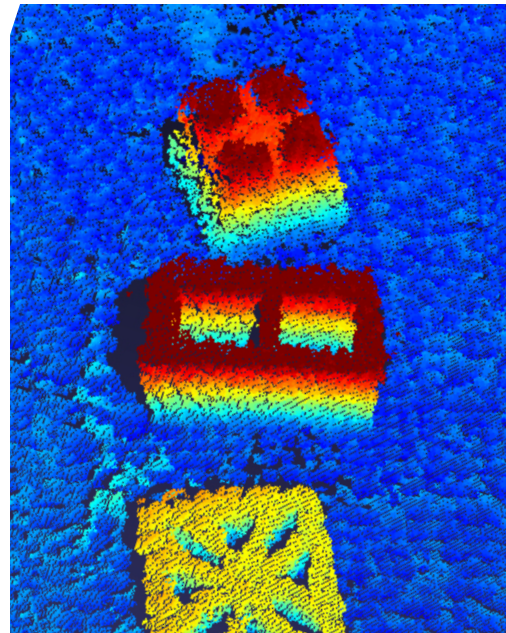
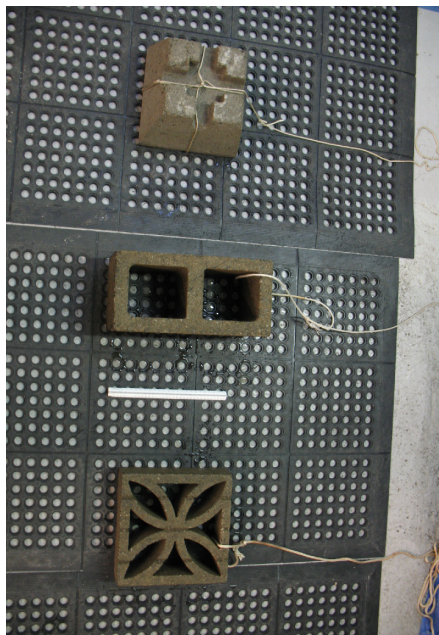
- Ultra-High Resolution
- Compact / low power
- Designed for easy integration

#### 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

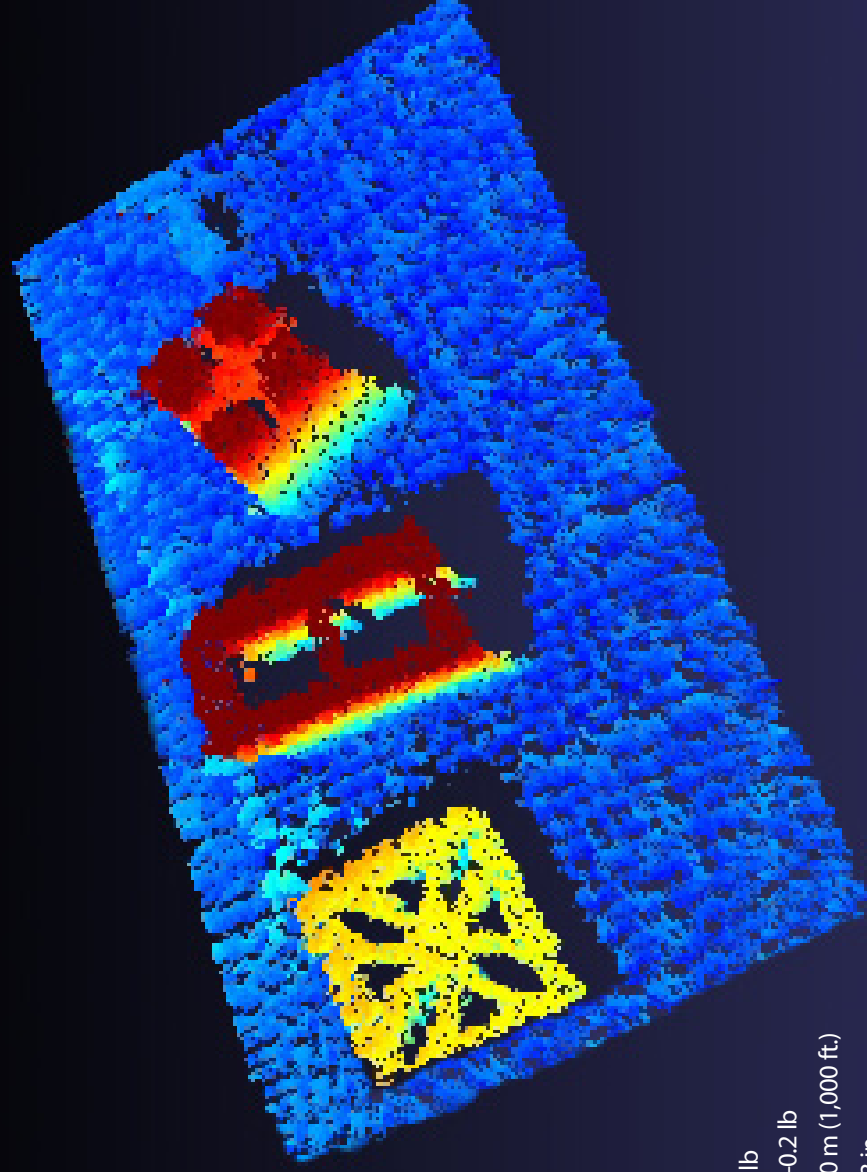
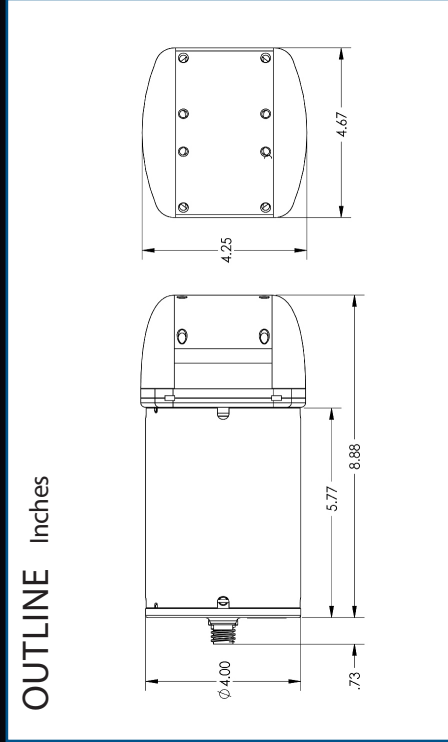
Visit [www.blueview.com](http://www.blueview.com) to view our collection of streaming sonar movies

**BlueView**<sup>™</sup>  
TECHNOLOGIES

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Ultra-High Resolution  
MicroBathymetry



## SPECIFICATIONS

SONAR	INTERFACE	MECHANICAL
Field of View: 45° x 1°	Industry Standard	Weight in Air: 8.1 lb
Max Range: 10 m (32 ft.)	Interface Format	Weight in Water: -0.2 lb
Beam Width: 1° x 1°	Ethernet at Head	Depth Rating: 300 m (1,000 ft.)
Number of Beams: 256	Voltage: 12-48VDC	Size: 8.9 x 4.7 x 4.3 in
Beam Spacing: 0.18°	Power: 15 Watts	
Time Resolution: 0.010 m (0.39 in.)		
Max Update Rate: 40 Hz		
Frequency: 2.25 MHz		