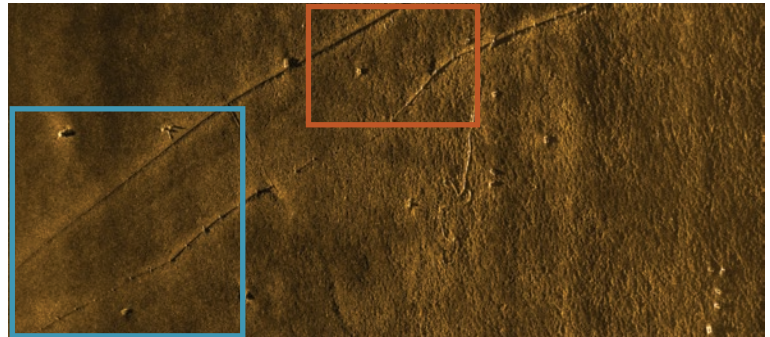


μSAS™-MV Product Data Sheet

A Real-Time, Low-SWAP, IA/AT-Enabled, Interferometric Synthetic Aperture SONAR Payload Delivering High-Resolution 2D SAS and 3D Bathymetric Imagery

High-performance μSAS™ Sonar Technology Adaptable to Any “Host of Opportunity” for Shallow Water to Full Ocean Depth Operations

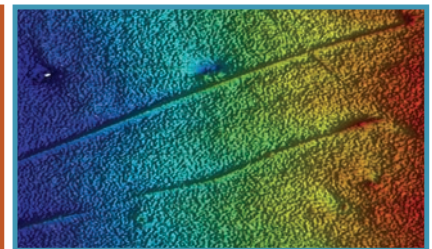
System Specification	Characteristics
Platform Speed	0.5-3.3kts (full range, SAS mode)
SONAR Swath Range	800ft (per array/side)
Impulse Power (nominal)	50W Continuous (per array/side)
2D Pixel Size (CT x AT)	0.25in x 1.0in
3D Pixel Size (CT x AT)	2.0in x 2.0in
Size (L x W x H)	50in x 8in x 2.7in
Weight Dry/Wet	65lbs/27lbs (per array/ ide)
Depth Rating	Full Ocean Depth
Input Voltage Range	18-36VDC
Communications	Copper or Fiber GigE
Data Formats	XTF (Imagery & Bathy), XYZ (Bathy)
Automated Target Recognition	Northrop Grumman and 3 rd Party ATR



Sea Floor Pipeline in Shallow Water - SAS Processing at Mid-Band (525ft Range Swath Processed to 0.25"CT x 1" AT)



2D SAS Imagery



3D Bathymetric Imagery

For more information, please contact:

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