

WHAM – Whiskbroom Hyperspectral Airborne Mapper



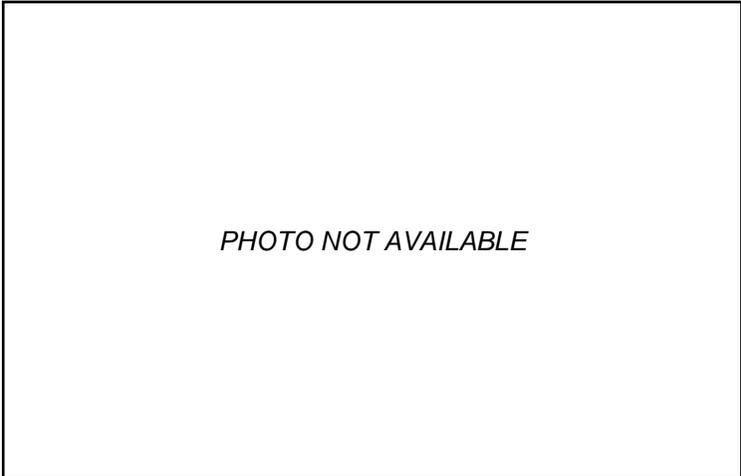
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VENDOR DESCRIPTION

The WHAM is a new development hyperspectral whiskbroom designed for high-altitude operations without sacrificing ground resolution. Capable of 1-meter pixels from 10K feet, the system simultaneously samples the spectrum from 400nm to 2400nm in 200 bands of approximately 10 nm each.

The WHAM is capable of geometry corrections in real time as well as recording the output of each spectral band. The WHAM also includes:

- 14-bit digital resolution
- Data output compatible with ENVI®
- Built-in spectral and radiometric calibrators
- Compact size and low weight
- Automatic system diagnostics; Built-In Test (BIT) on startup



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Business Category: Small Business

HS

Hardware	
Power: 300 watts	
Weight: 59 kg or 130 lbs	
Dimensions: 500mm x 600mm x 600mm	
In-Flight Manipulation of the Sensor: Yes	
Operating Altitude: 5K ft to 20K ft AGL	
Operating Speed: 150 knots to 400 knots	