



## Headwall Awarded US Army Night Vision Contract to Supply Micro-Hyperspec™ Imaging Sensors

*Hyperspectral imagers provide enhanced functionality for UAVs and SUGVs*

**Fitchburg, MA; November 25, 2007** – Headwall Photonics, a leading supplier of high performance integrated spectrometer systems for spectral imaging and chemical sensing solutions, announced that the company was awarded a \$1.8 million US Army contract for the deployment of Micro-Hyperspec™ sensors on unmanned aerial vehicles (UAVs) and small unmanned ground vehicles (SUGVs).

Hyperspectral imaging technology provides the capability to determine the chemical composition of any target sample or object of interest on the ground based on the object's unique chemical "fingerprint". Operational demands of UAVs and SUGVs require increased sensor performance with a smaller instrument size. Based on Headwall's patented, aberration-corrected concentric design, the Micro-Hyperspec™ VNIR and NIR sensors offer exceptional spectral imaging and spatial uniformity within a wide field of view – key attributes for accomplishing mission objectives for imaging in harsh environments.

The development of these chemical imaging sensors are in demand by all branches of the Department of Defense for missions such as: reconnaissance and surveillance, chemical threat assessment, search and rescue, border support interdiction, as well as environmental monitoring and analysis.

"Headwall is a dynamic, innovative technology company. I am quite proud that they call Fitchburg home," Congressman John Olver said. "From pharmaceutical manufacturing to poultry processing, Headwall's innovative work could have broad reaching applications in the future beyond the military and defense industry," he added.

"Not only is this funding appropriation an important technology deployment for the Department of Defense, but this project allows Headwall to expand our technical capabilities and continue to grow and train our workforce

in the local community,” said David Bannon, Headwall’s co-founder and Chief Operating Officer.

#### About Headwall Photonics

Headwall Photonics is a leading designer and manufacturer of imaging spectrometers for industrial, commercial, and government markets. Headwall’s high performance spectrometers, spectral engines, and holographic diffraction gratings have been selected by OEM and end-user customers around the world for use in critical application environments. As a pioneer in the development of innovative spectrographs and imaging spectrometers based on optical technologies, Headwall enjoys a market leadership position through the design and manufacture of patented spectral instrumentation that is customized for application-specific performance. Headwall Photonics was formed in 2003 as the result of a management buy-out from Agilent Technologies.

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