

# NEWS RELEASE

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**Hood Technology (HoodTech)**

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*For Immediate Release*

## **Hood Technology to Feature Advanced Stabilized Imaging Systems for Small UAVs at AUVSI 2012**

- Extremely low size, weight and power (low SWaP) intelligence, surveillance & reconnaissance payloads will be demonstrated at AUVSI in HoodTech's booth #4615.

**July 30, 2012 – Hood River, OR – Hood Technology ([www.hoodtech.com](http://www.hoodtech.com))**, will showcase a variety of advanced stabilized imaging platforms and payloads for small unmanned aerial systems, unmanned aircraft, manned and unmanned land vehicles, ground systems, stationary mounts, and marine systems at the upcoming Unmanned Systems North America (AUVSI) show at Mandalay Bay, Las Vegas, NV, August 6-9, 2012. The 4-axis stabilized camera payloads for long-range imaging from moving platforms include the most highly capable SWaP-efficient intelligence, surveillance and reconnaissance (ISR) payloads available.

HoodTech's low size, weight and power (SWaP) camera turrets incorporate electro-optical (EO) cameras, cooled MWIR infrared (IR) imagers, laser markers and designators, to deliver unprecedented long-range imaging and laser capabilities from unstable, in-flight or other moving platforms. To date, the company has delivered over 4000 payloads and provided full motion video (FMV) on aircraft logging greater than 600,000 combat flight hours.

Small and compact, yet rugged and reliable through thousands of launches and retrievals, HoodTech's advanced imaging EO/IR payloads can be customized and adapted to address specific requirements. Payloads can be specified with the Alticom Vision Processor (AVS) providing precision target tracking, moving object detection, and numerous image processing and payload control functions. Imaging sensors include customized zoom EO, and cooled continuous-zoom MWIR thermal imaging. Laser channels currently offered are NVG-compatible laser pointers and eyesafe laser rangefinders. For more information about HoodTech at AUVSI, please visit HoodTech's online press kit at: <http://www.virtualpressoffice.com/kit/n5x2>.



HoodTech's AUVSI booth #4615 will also highlight Aerovel's *Flexrotor* ([www.aerovelco.com](http://www.aerovelco.com)), a new table-sized robotic aircraft with vertical takeoff & landing (VTOL) which transitions to and from wing-borne flight. The mission duration is expected to exceed 50 hours for this revolutionary small aircraft.

**Hood Technology ( [www.hoodtech.com](http://www.hoodtech.com) Hood River, OR)**, design and manufacture stabilized EO/IR camera turrets for long-range imaging from moving platforms, such as small unmanned aircraft, manned/unmanned ground and marine systems. The company's team of experts and vast experience in sensor integration, vibration isolation, disturbance rejection, and dedicated video processing has made HoodTech the preferred supplier of highly mass-efficient, low SWaP, small UAV ISR imaging payloads.