

NEWS RELEASE

Hood Technology (HoodTech)

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For Immediate Release

Hood Technology Introduces Advanced Imaging Payload for Small UAVs – Alticam 09 EO+

August 6, 2012 – Hood River, OR – Hood Technology (www.hoodtech.com), manufacturer of advanced stabilized imaging systems for long-range moving platforms, introduces the **Alticam 09 EO+** payload. Designed for small UAVs, the newest 4-axis gyro-stabilized camera system features an extended electro-optical (EO) zoom up to 160X for visible daylight imaging. The new imaging payload is field-proven to capture human-scale identification (facial recognition) from a moving platform for long-range imaging.

Other Alticam 09 EO+ camera system features include a coordinate hold mode when combined with aircraft IMU data, picture-in-picture (PiP) display, and improved EO performance due to pairing a Sony zoom imager with a high definition telescope. The result is a 6X reduction in horizontal field-of-view (FoV) when compared to HoodTech's earlier mode, the Alticam 09 EO1 payload.

The newest low size, weight and power (SWaP) stabilized imaging system weighs 2,775 grams without the enclosure; with the articulated nose cone enclosure it weighs only 3,470 grams. Although designed for small UAVs, the rugged, compact Alticam 09 EO+ is also used on piloted planes, blimps, ground vehicles, and unmanned surface and/or marine vehicles.



HoodTech's proprietary image processor, the Alticam Vision Processor (AVS) provides precision target tracking, multiple moving object detection, and numerous image processing and payload control functions. The AVS accepts aircraft state data for image rotation. It has a critical embedded image de-jitter function which extends the system disturbance rejection. AVS is compatible and available with all HoodTech stabilized imaging system models.

For more information about HoodTech's new SWaP-efficient, Alticam 09 EO+ for intelligence, surveillance and reconnaissance (ISR) applications, please visit: www.hoodtech.com and click on Stabilized Imaging Systems.

Hood Technology (www.hoodtech.com) - Hood River, OR), designs and manufactures 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.