



FOR IMMEDIATE RELEASE

300 Megapixel Wide Area Motion Imagery in 15 inch Aerial Platform

Toronto, Canada – October 14, 2011 – PV Labs Inc., a high-end image acquisition and analytics company, today announced the launch of a 300 Megapixel Wide Area Motion Imagery (WAMI) sensor and processing solution featuring a 15 inch stabilized aerial gimbal payload.

PV Labs' PSI Vision system provides an Intelligence, Surveillance, and Reconnaissance (ISR) platform for acquiring, processing and distributing real-time, color imagery collected over areas covering tens of square kilometers and can provide Ground Sampling Distances (GSD) down to .3 meters. The sensor collects over 300 Megapixels of full-motion-video and is packaged in a next generation compact 15 inch stabilized turret offering 25% increased payload volume. In addition to offering best-in-class stabilization, the new turret maintains compatibility with the industry-standard envelope and interface of the MX15.

PSI Vision Tactical Content Management System (tCMS) enables a scalable processing architecture for assembling a mosaic of images into a single unified virtual focal plane in real-time. Leveraging the power of GPU's, the tCMS processes large amounts of data, making it immediately available for tactical and forensic operations. Users can retrieve and distribute data optimized for transmission over low-bandwidth links. The flexible Decoder API provides an open interface for development of tools and applications that work with existing infrastructure.

PV Labs' next generation of gimbal technology provides the highest level of stabilization available in an aerial camera system with high targeting accuracy, achieving less than 5 microradians of line-of-sight jitter and 1.5 milliradians of pointing accuracy in a 15 inch sphere. PV Labs' 15 inch gimbal can be deployed on fixed-wing, rotorcraft and lighter-than-air vehicles and its compact size is particularly well-suited for unmanned aerial vehicles (UAVs). The reduced Size, Weight and Power (SWaP) footprint of the gimbal and processing system permits longer missions, significantly reducing cost of the fielded solution.



About PV Labs

PV Labs Inc. designs, develops and manufactures high-end image acquisition and analytics solutions for industrial & infrastructure, entertainment and security & surveillance applications. World leaders in specialized aerial camera systems for Intelligence, Surveillance and Reconnaissance, PV Labs provides solutions for persistent wide area surveillance, hyperspectral imaging and intelligence data gathering and distribution systems optimized for bandwidth-constrained data links.

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