Delta Digital Video’s Rugged Encoders Support General Atomics’ UAV

General Atomics Aeronautical Systems, Inc. (GA-ASI) contracts with Delta Digital Video for delivery of rugged airborne video encoders in support of continued production for the MQ-9 Reaper and MQ-1C Gray Eagle Unmanned Aircraft System (UAS) avionics, datalinks and software.

GA-ASI’s remotely piloted MQ-1C Gray Eagle is part of the growing fleet of UAV systems that are being fielded by the U.S. Army. The Gray Eagle addresses the need for a long-endurance, armed, unmanned aircraft system that offers greater range, altitude and payload flexibility over earlier systems. In use as the U.S. Air Force’s primary offensive strike UAV, GA-ASI’s MQ-9 Reaper provides a unique capability to perform strike, coordination, and reconnaissance against high-value, fleeting, and time-sensitive targets.

Delta Digital Video’s highly successful Model 6800R rugged HD Video Encoder has been providing U.S. Forces high-definition Full Motion Video (FMV) since 2008. The Model 6800R single channel encoder compresses and multiplexes payload video, audio, and metadata for real-time, low-latency transmission to remote hardware or software decoders via serial or Ethernet networks. The 6800R supports synchronous or asynchronous KLV metadata and can be configured to convert raw sensor telemetry into KLV metadata. In addition to being MISB/STANAG/JITC certified, the 6800R complies with DO-160/MIL-STD-810/461/704 environmental and EMI standards.

“Performance is all that matters when it comes to designing and engineering fully rugged video encoders to be deployed on UAS, manned ISR aircraft, helicopters, ground vehicles, and ship platforms for Air Force, Army and Navy programs,” said George Nelson, Vice President and General Manager. Delta Digital Video’s world-class rugged video encoders are specifically engineered to ensure mission success.

About Delta Digital Video

Delta Digital Video is a leading provider of specialized video compression and scan conversion products for military, aerospace, homeland security applications. Delta Digital Video’s products are manufactured in mission-qualified, rugged packages as well as standard commercial/industrial configurations and OEM modules. Recognizing that no standard product meets all customer requirements, Delta Digital Video works with users to tailor our core technologies for a specific application, resulting in cost-effective solutions for program requirements. All of our products are backed by superior support and customer service. For more information about this press release visit www.deltadigitalvideo.com or contact Cassandra Lang at clang@delta-info.com.