



Newsletter

March 2010

AIA and EMVA to support CoaXPress under the G3 Agreement

In January at the AIA Business Conference, Orlando, USA, the AIA and the EMVA voted to support JIA's CoaXPress standardization initiative and to form working groups within their respective trade organizations for their members to get involved. In order to provide security of supply of the integrated transceivers used in CoaXPress, JIA is putting an escrow in place with the manufacturer, EqcoLogic, as well as working on an alternative implementation based around other coax transmission technologies. In due course it is anticipated that other second source integrated options will become available driven by the growing market for high speed serial technology in general as well as the market take up of CoaXPress.

CoaXPress Participation for AIA and EMVA Members

This month, both the AIA and EMVA announced the formation of working groups to support and participate in the CoaXPress standardization process. While the details of the involvement are yet to be finalized, AIA members that are interested in getting involved and helping develop the standard should contact Jeff Fryman at the AIA (jfryman@robotics.org), and for EMVA members, Kirsten Braun (kirsten.braun@vdma.org).

Specification Progress

The CoaXPress Consortium has now completed v1.0 of the specification on behalf of JIA. This has taken slightly longer than anticipated, but it was decided that a detailed peer review process should take place with several key companies who themselves have been proactive in writing, implementation and supporting standards. This specification will form the working document for JIA as they undergo the standardization process.

Defense, Sensing and Security, Orlando, USA, April 6-8

Active Silicon and Adimec both have booths at this major US tradeshow and will be showcasing CoaXPress running HD video through a constantly rotating joint (or "slip ring") with 60m of coax too! This is a world first – to be able to connect to a high resolution camera with a single coax (which includes power and control) through a single 75 Ohm slip ring opens up a wealth of new opportunities in defense, high end surveillance and industrial applications.

EMVA Business Conference, Istanbul, Turkey, April 16-17

Several key members of the CoaXPress Consortium will be present at the EMVA Business Conference in Istanbul and will be available to informally discuss the technology with interested parties.

VISION Japan 2010, Yokohama, Japan, April 21-23

On 21st April JIA's CoaXPress Working Group will meet to discuss the standardization plan and will include a presentation by the CoaXPress Consortium on v1.0 of the specification. There will also be products on display from Active Silicon, Adimec and AVAL Data.



EqcoLogic have released their final silicon v1.0 transceivers as a physical layer solution for CoaXPress. This photo, shown here for interest, illustrates the compact physical size of the interface. (The connector is a standard BNC socket.)