

CoaXPress – Protocol on Recently Announced Products

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Recently there have been a number of enquiries about the protocol used in CoaXPress products launched by Consortium members and how that relates to the standardization process and the final v1.0 standard (anticipated to be released by the end of the year).

The CoaXPress Consortium have developed the technology and protocol over the last three years with the intent to hand it over, open and royalty free, to a suitable standards authority for wider industrial peer review and ultimately formal standardization. The handover to JIIA (Japan Industrial Imaging Association) was completed in April 2010 with the Consortium providing a draft v1.0 specification as a proposed basis for the published standard. This draft document is now available to all members of the JIIA CoaXPress Working Group as well as affiliated Liaison Groups around the world under the EMVA (European Machine Vision Association) and the AIA (Automated Imaging Association). This will allow a wide audience of companies to comment, propose modifications and vote on aspects of the proposed standard within a structured framework of international trade associations.

The products available now from Consortium members use an earlier version of the v1.0 proposed specification. For clarity, this is referred to as “CoaXPress-TD” (for Technology Demonstrator). The CoaXPress-TD products available now will not be compatible with v1.0 CoaXPress when released later this year. They will however be firmware upgradeable to provide full compatibility. The “TD” version of the specification is robust, well proven and suitable for many applications.

There is no intention to make the CoaXPress-TD protocol publicly available. Rather efforts should be directed towards the final specification as part of the standardization process by getting involved through the JIIA Working Group and other Liaison Groups.

The CoaXPress Consortium

