



日本インダストリアルイメージング協会
Japan Industrial Imaging Association

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CoaXPress Newsletter

CoaXPress is now an Official JIIA Standard

The Japan Industrial Imaging Association (JIIA) has announced the official first edition of the CoaXPress standard. This first version of the standard, referred to as the "JIIA NIF-001-2010 CoaXPress Standard Enacted on Dec.6, 2010 First Edition" was given official approval at the JIIA executive board meeting in Tokyo, Japan on December 21, 2010. JIIA established the CoaXPress Working Group in 2009 for the standardization. The specification was voted on during the period from Oct 30 to Nov 29, 2010 in which 22 companies from the JIIA CoaXPress Working Group and 11 companies from the AIA/EMVA Liaison Group were given voting rights. All 33 companies exercised their right to vote: 31 companies voted to accept this First Edition and two companies abstained (due to lack of resource to review the draft).

Progress Towards an International Standard – under the "G3 Agreement"

Under what is referred to as the "G3 Agreement" between the JIIA, the AIA (Automated Imaging Association, USA) and the EMVA (European Machine Vision Association), the new JIIA CoaXPress standard will go through an international Appeal Period of three months, during which interested parties are encouraged to comment on a wide range of areas, from technical to legal issues. One of the primary reasons for this public appeal period is to ascertain as far as possible that there is no infringement of intellectual property rights or claims from other parties. The results of the Appeal Period are to be announced at Automate 2011 in Chicago, USA and will pave the way for CoaXPress to become an international standard.

Compliance Testing

In parallel with the Appeal Period, the JIIA will be developing a compliance test procedure to test and approve CoaXPress devices as officially compliant products. This compliance program will also manage the permissions to use the CoaXPress name and logo.

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And for those new to CoaXPress.... What is it?

CoaXPress is a revolutionary new digital video interface standard capable of sending video data at 6.25Gbps, along with control and power over a single conventional coax cable – at distances of up to 40m (and over 100m at 3.125Gbps). It combines the simplicity of coax cable with state of the art high speed serial data technology. It is also scalable over multiple coax cables which provides a future-proofed solution suitable for high speed video systems of today and well into the future.

Further details are available at www.coaxpress.com

