



Press release

Silicon Software releases fastest Camera Link frame grabber product series with PCI e x4 interface

With the current firmware for microEnable IV AD4-CL and VD4-CL, **SILICONSOFTWARE** supports the complete image acquisition of 10-taps Camera Link FULL configuration cameras and the data transfer to PC. These kinds of cameras deliver a data stream of up to 850 MB/s. The performance of the DMA transfer to the host-PC was increased to 900 MB/s.

The transfer only uses a single DMA channel, which makes a subsequent image reconstruction unnecessary. The DMA900 high speed mode only requires a **SILICONSOFTWARE** framegrabber and a modern mainboard.

With microEnable IV AD4-CL and VD4-CL, **SILICONSOFTWARE** offers CameraLink high speed framegrabber boards which support two independent BASE configuration cameras up to one 10-taps FULL configuration camera. Besides a support of all available sensor types, a wide range of real-time pre-processing functions for image corrections and enhancements are implemented. microEnable IV VD4-CL moreover grants a programming of the FPGA by VisualAp-plets.

The frame grabber product line of **SILICONSOFTWARE** covers PCI as well as PCI Express interfaces, supports CameraLink even with Power over CameraLink (PoCL) variants, and GigabitEthernet with the standards GigE Vision and Gen<i>Cam.

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About Silicon Software

Silicon Software GmbH, located in Mannheim/Germany, is a manufacturer of intelligent pre-processing solutions based on reprogrammable FPGA technology for machine vision applications. The hard- and software products are designed for flexibility, easy handling and performance featuring user programmable FPGA technology.

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DMA900

