

Foresight Imaging Introduces AccuStream Express HD+ Family of Frame Grabbers & Video Streamers

(Chelmsford, MA – March 3, 2011) Foresight Imaging introduces the AccuStream Express HD+™ frame grabber and video streamer, a high performance PCI Express x4 board design. The AccuStream Express HD+ is a single solution for acquiring video from all popular non-standard and standard video formats, including: HDMI video, DVI-D, RGBHV, YPbPr, HDTV, S-video, composite color, and monochrome video sources up to 170 MHz pixel rates. This includes 1080p HDTV, 1920 x 1200, and other standard and non-standard high resolution video formats. It is specifically designed for the high speed PCIe x4 bus and delivers sustained data transfers of 750 MB per second. This is more than enough to deliver full 1080p HDTV video at 60 frames per second.

Also shipping are the new AccuStream Express HD 75+ and AccuStream Express SD 50+ frame grabbers and video streamers. The AccuStream Express HD 75+ provides acquisition up to 75 MHz and includes 720p HDTV and 1024 x 768 x 70 Hz. The entry-level, inexpensive AccuStream Express SD 50+ acquires from video signals up to 50 MHz and includes 480p, 576p, and 800 x 600 x 75 Hz.

All boards provide the following input connectors: HDMI-style DVI connector for HDMI video & DVI-D input; a DVI-I connector for DVI-D, RGBHV, YPbPr, & monochrome input; an S-video connector for S-video & composite color input; and an RCA connector for external trigger input.

Real-time scalar: All AccuStream Express boards now include a real-time up/down video re-sizer/scalar which uses a polyphase algorithm for optimum image quality. The real-time scalar supports scaling images down to 4 x 4 and up to 2048 x 2048.

“The AccuStream Express HD+ family of frame grabbers & video streamers provides what our customers have continuously asked for: a true “all-in-one” solution, meaning one board that can acquire from all popular video formats. These boards will be the core solution for OEM video systems in medical, multimedia, simulation, military, and scientific imaging applications,” said Tony Molinari, Vice President, Sales & Marketing.

Availability

AccuStream Express HD+, AccuStream Express HD 75+, and AccuStream Express SD 50+ are available now.

About Foresight Imaging

Foresight Imaging is a world leader in the design and marketing of high accuracy, high performance video streamers, frame grabbers, and medical imaging systems for the multimedia, military, and medical imaging markets. For further information, visit www.fi-llc.com or email info@fi-llc.com.

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