
**Title: Alrad announces and extension to the
EPIX range of Notebook frame grabbers**

Epix Inc the US frame grabber manufacturer has added another lower cost frame grabber to its popular range of Camera Link frame grabbers for Notebook computers. The PIXCI® ECB1-34 base Camera Link frame grabber plugs into an ExpressCard/34 or ExpressCard/54 slot in a notebook computer. With 200 megabyte per second sustained data transfer rates, and burst transfers up to 250 megabytes per second, almost all base Camera Link cameras are supported.



The PIXCI® ECB1-34 captures from line scan or area scan cameras operating in either free-run (continuous) or controlled (triggered) mode. The PIXCI® ECB1-34 has software selectable bit packing to decrease the data rate to the ExpressCard bus and to conserve storage space when capturing 10 or 12 bit pixels.

The PIXCI® ECB1-34 requires no hardware setup or adjustment. After installing the XCAP program, insert the PIXCI® ECB1-34 in the ExpressCard slot, connect the camera link cable, power up the camera, and start capturing images.

The PIXCI® ECB1-34 frame grabber, with the XCAP program, offers dedicated camera control dialogs supporting hundreds of the newest, most advanced, highest bandwidth machine vision cameras. For cameras without dedicated software control, the Generic configuration menu allows the user to create and save camera configuration parameters. The included XCAP-Lite imaging program provides camera control and image capture with no software development.

The optional XCAP-Ltd imaging program can capture a 3.5-gigabyte sequence into 4 gigabytes of installed memory on a notebook with 32-bit operating system. An 8-gigabyte sequence can be captured into 10 gigabytes of installed memory on a notebook with a 64-bit operating system.

The optional XCAP-Std imaging program adds video-to-disk capture to the size and speed limits of the hard drive system, and can capture to the limit of available notebook memory. Image processing, measurement, and analysis operations are also provided.

Programmer and image processing libraries are available for application specific software.

More information and a data sheet is available from our web site.

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