The PIXCI® E4 is a plug-n-play frame grabber. Load the software, connect the camera, and begin to capture images. In addition to supporting high bandwidth cameras, the PIXCI E4 supports more than 100 Full, Medium, and Base configuration Camera Link cameras with lower bandwidth requirements.

The PIXCI E4 offers:
- 700 Megabyte per second sustained data transfer to PCI Express x4 bus.
- Camera specific controls – exposure, bit depth, gain, frame rate, etc.
- Camera operation in free-run mode for maximum frame rate sequence capture.
- Camera operation in control (trigger) mode.
- $1595.00 with XCAP-Lite imaging program.

64-bit memory addressing allows video rate sequence capture into gigabytes of motherboard memory for longer durations than possible with 32 bit addressing – which is limited to 4 gigabytes.

Multiple PIXCI E4 boards can be installed in the same computer and can support different cameras, either area scan or line scan, monochrome or color, and can have different resolutions, frame rates, and bit depths.

**Solutions and Support:** EPIX, Inc. has been providing imaging solutions and support for OEM machine vision manufacturers and engineers since 1984. EPIX, Inc. assembles complete imaging systems with cameras, frame grabbers, high-performance PCI Express buses, and with RAID arrays for video-to-disk capture. EPIX® imaging systems, custom-built to your specifications, feature Intel motherboards and processors. Contact EPIX, Inc., or an authorized distributor of EPIX® imaging products, for help selecting cameras, frame grabbers, imaging software, optics, and computer systems.
The chart lists high-performance cameras that showcase the PIXCI E4 board’s capability to transfer massive amounts of image data – which translates into the ability to capture high resolutions at comparatively fast frame rates. The PIXCI E4 is primarily designed to support high performance cameras, but it also works with virtually ALL camera link cameras with a bandwidth requirement of 700 MB/second or less.

Please visit the PIXCI Selection Guide on the EPIX web site (www.epixinc.com) for a comprehensive listing of supported cameras. Contact EPIX, Inc., or your authorized EPIX, Inc. distributor, if your camera isn’t already listed.

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