



- Base Camera Link Frame Grabber
- PoCL (Power over Camera Link)
- Low Profile
- PCI Express x1 Bus Compatible
- 250 Megabyte/sec Burst Transfers
- Line Scan or Area Scan
- Camera Frame Rate Sequence Capture
- Triggered Image Sequence Capture
- 64-Bit Memory Addressing
- Camera Integration & Async Reset Control
- Integration From Microseconds to Minutes
- Images Stored in Motherboard Memory or RAID Array
- Compatible with 64 and 32-bit Windows or Linux; 32-bit DOS
- RoHS Compliant

EPIX, Incorporated

381 Lexington Drive
Buffalo Grove, IL 60089 USA
Tel - 847 465 1818
Fax - 847 465 1919
Web: <http://www.epixinc.com>
E-mail: sales@epixinc.com

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PIXCI® EB1

Low Cost, Low Profile,
PCI Express Frame Grabber
for ALL
Base Camera Link Cameras
(including cameras with PoCL)

The PIXCI® EB1 PCI Express frame grabber, with high speed image transfers into any x1 thru x16 slot, supports all base configuration camera link cameras.

The PIXCI® EB1 offers:

- 250 megabyte per second burst rate image writes to x1 bus.
- Camera specific controls for many cameras – exposure, bit depth, gain, frame rate, mode, etc.
- Camera operation in free-run mode for maximum frame rate.
- Camera operation in controlled mode for triggered capture.
- Low profile for use in small computer cases.
- Low price – only \$495.00 with XCAP-Lite imaging program.
- **PoCL** Support.

The PIXCI® EB1 supports all base camera link cameras whether standard (requiring a dedicated power supply) or PoCL. The PIXCI® EB1 provides **PoCL** cameras with **Power over Camera Link**. The PIXCI® EB1 detects whether a connected camera is PoCL compliant or not, and provides power to the PoCL camera while monitoring current flow. When a standard (non-PoCL) camera is connected, the PIXCI® EB1 connects the PoCL power pins to ground.

PoCL allows a camera to be smaller, as the camera doesn't need a separate power connector. PoCL eliminates the need for a camera power supply and AC connection.

The PIXCI® EB1NP, the same frame grabber without PoCL support, is available for \$445.00.

PoCL cameras are gaining in popularity. Even if your current camera is non-PoCL, EPIX recommends the PIXCI® EB1, with PoCL support, to insure compatibility with PoCL cameras. The PIXCI® EB1NP is recommended for high volume, cost-sensitive OEM applications based on non-PoCL cameras.

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. Contact EPIX, Inc., or an authorized distributor of EPIX® imaging products, for help selecting cameras, frame grabbers, imaging software, optics, and computer systems.