



# PIXCI® E8 PCI Express x8 Camera Link Frame Grabber

## Features

- PCIe x8 frame grabber
- Operates in PCI express bus x16 or x8 slot
- 20 gigabit per second burst DMA transfer rate
- 850 megabytes per second sustained transfer rate
- Power over Camera Link selectable
- Two 26-pin MDR Camera Link connectors
- 64-bit memory addressing

## Image Capture

- Base, medium, full, or 80-bit camera
- Two base cameras
- Line scan or area scan cameras
- Monochrome or color cameras
- Individual lines or frames
- Triggered image sequence

## Trigger, Strobe, and I/O Signals

- Camera exposure and asynchronous reset control
- Trigger and frame enable inputs
- Strobe output
- General purpose inputs and outputs

## Specifications

- 12 volts @ 120 mA, 3.3 volts @ 720 mA
- 13.1 cm long, 10.6 cm high, 5.15" long, 4.15" high
- 102 grams, 3.6 ounces
- 0 to 70 degrees Celsius operation
- CE, FCC, ROHS compliant
- Camera pixel clock frequencies from 20 to 85 MHz
- Made in U.S.A.

## Software

- **XCAP-Lite** image capture, display, and save program included with frame grabber purchase
- **XCAP-LTD** captures video to computer memory **and more..**
- **XCAP-STD** streams video to disk and performs image processing **and more..**
- **PIXCI Selection Guide** lists cameras supported with dedicated Capture & Adjust dialogs
- XCAP supports all camera link cameras connected to PIXCI® frame grabbers
- **XCLIB** programmer libraries for frame grabber and camera control
- **PXIPL** image processing, measurement, and analysis libraries
- Windows & Linux, 32 & 64-bit
- TWAIN compatible
- **3rd Party** software solutions also available.



**Base, Medium, Full Camera Link Support**  
**Power over Camera Link (PoCL)**  
**PCI Express x8 Bus**

