


[About](#)
[Vision](#)
[Products](#)
[Support](#)
[Contact](#)


PIXCI® A310

פז"מ-טק (1991) בע"מ
מייקל סטורץ 02.583.2511
<RFQ@pazam-tech.co.il>

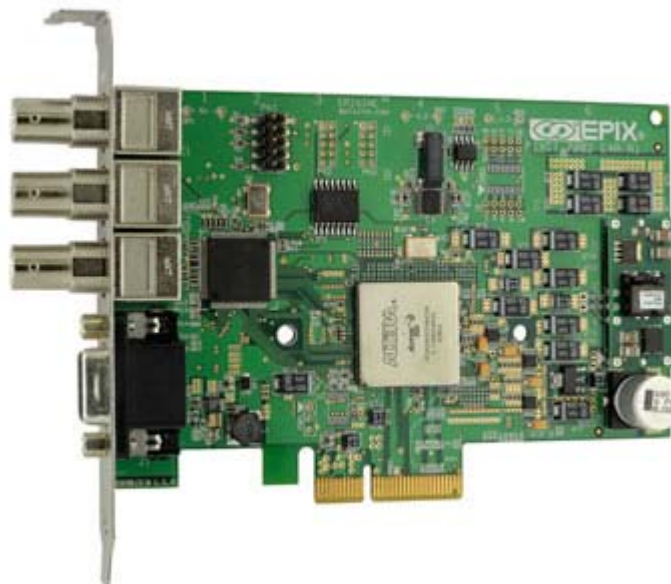
Specs

PCIe x4 Frame Grabber for High Resolution, High Quality, Analog Video

Software

[XCAP](#)
[XCLIB](#)
[PXIPL](#)

The **PIXCI® A310** video frame grabber acquires images from monochrome or component RGB color cameras with formats that include RS-170, CCIR, RS343, VGA, SVGA, XGA, WXGA, SXGA, SXGA+, WXGA, WSGA+, and UXGA. Many capture resolutions are available including 1920x1080p, 1920x1080i, 1280x720p, 720x480p, and 720x576p using programmable pixel clock frequencies from 12 to 165 MHz.



The **PIXCI® A310** uses a PCI Express x4 slot for capturing up to 30 bits per pixel of high resolution RGB video. 64-bit memory addressing allows capturing image sequences directly to PC memory for minutes or hours. Our optional XCAP-Std program captures image sequences to hard drive, and performs a wide range of image processing, measurement, and tracking functions.

- High Bandwidth Analog Frame Grabber
- PCI Express x4 Bus
- Up to 700 Mbyte/sec Sustained Data Transfer
- Camera Frame Rate Sequence Capture
- Triggered Image Sequence Capture
- 64-Bit Memory Addressing
- Camera Integration & Async Reset Control
- Images stored to Memory, Hard Drive, SSD, or RAID
- Windows & Linux, 32 & 64-bit Compatible
- RoHS Compliant

The **XCAP-Lite** imaging program, provided at no charge with the PIXCI® A310, provides software control of image capture and all board functions using an intuitive Capture & Adjust Dialog.

The PIXCI® A310 frame grabber, with XCAP-Lite, is \$1495.00.

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 [EPIX, Inc. distributor](#), for help selecting cameras, frame grabbers, imaging software, optics, and computer

systems.

SPECIFICATIONS

Acquire from interlaced or progressive analog video, monochrome or component RGB with sync on green, or separate horizontal and vertical inputs.

Video Formats: UXGA, WSGA+, WXGA, SXGA+, SXGA, XGA, SVGA, VGA, RS343, CCIR, RS-170, and others.

Supported Resolutions Include: 1920x1080p, 1920x1080i, 1280x720p, 720x480p, 720x576p, and others.

Bit Depth: 30, 24, 10, or 8 bits per pixel.

Pixel Clock Range: 12 MHz to 165 MHz

Maximum PCIe Data Rate: 700 Megabyte per second sustained data transfer.

Memory Addressing: 64-bit; access to all available computer memory.

Bus Requirement: PCI Express x4, x8 or x16

Input Connectors: BNCs for RGB inputs or DB15 for RGB inputs and H&V.

Input/Output: Two LVTTTL inputs and two outputs. One trigger input. One strobe output.

Power Requirements: 7.035 Watt

Dimensions: 5.150" long x 3.575" high (13.081 cm x 9.081 cm)

[Back to EPIX Products](#)

[Back to the EPIX home page](#)

Image Processing Products For Research and Industry

Specifications and prices subject to change without notice.

EPIX® imaging products are made in the USA.

EPIX, SILICON VIDEO, and PIXCI are registered trademarks of EPIX, Inc. 4MIP, SVIP, XCIP, XCAP, 4MEG VIDEO, 1MEG VIDEO, SILICON VIDEO MUX, QUICK SET VIDEO, 12-7 MUX, IMAGE MEMORY EXPANSION, COC40, COC402, CL3SD, 4MOBJ, SVOBJ, XCOBJ, XCLIB, PXIPL, and XCLIBIPL are trademarks of EPIX, Inc. Other brand, product, and company names are trademarks or registered trademarks of their respective owners.

Copyright © 2011 EPIX, Inc. All rights reserved.

Modified:
07-Jul-2011

פז"מ-טק (1991) בע"מ

02.583.2511 | מייקל סטורץ'

PaZaM-tech@pobox.com

www.PaZaM-tech.co.il