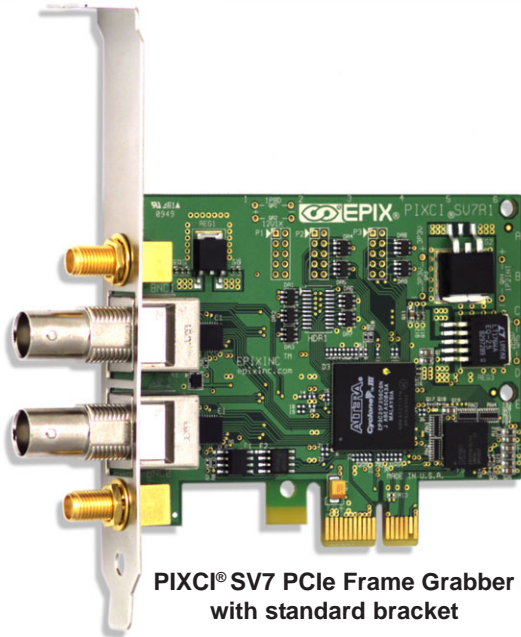


PIXCI SV7



PIXCI® SV7 PCIe Frame Grabber with standard bracket

- Capture from one or two cameras
- Camera video formats: NTSC, RS-170, PAL or CCIR
- 250 megabyte/sec PCI Express Burst Data Transfers
- Plug into any PCI Express slot
- Sequence Capture at full camera frame rate
- Triggered Image Sequence Capture
- 64-Bit Memory Addressing for extended data capture
- Images Captured to Computer Memory, uncompressed, lossless
- Available with Standard or Low Profile Bracket
- Compatible with Windows 7, Vista, XP, 2000, & Linux
- RoHS Compliant

**EPIX, Incorporated**  
 381 Lexington Drive  
 Buffalo Grove, IL 60089 USA

## Dual Composite Video Frame Grabber for Express Bus

The **PIXCI® SV7** digitizes analog video from one or two standard composite video cameras (NTSC, RS-170, PAL or CCIR). The two inputs are independent, allowing capture of different resolutions, frame rates, and video formats. Digitized video is transferred to the PCI Express bus at video rate. As a PCIe bus master, the PIXCI® SV7 board transfers image data without using the host computer's processor. Images may be transferred, at full or reduced frame rates, to computer memory for processing and/or analysis by the host computer's processor(s), or to other targets on the PCI Express bus.

**ACQUISITION** — The PIXCI® SV7 has two BNC jacks for composite video input. Live video from both cameras may be displayed on the computer's monitor at the same time. Programmable gain, hue, brightness, saturation, and contrast adjustments can condition the video signal. SMA connectors provide TTL Trigger In and Strobe Out. Up to 4 PIXCI® SV7 boards, in one computer, can capture at the same time from up to 8 video sources.

**The XCAP-Lite imaging program**, provided at no charge with the PIXCI® SV7, provides independent Capture & Adjust Dialogs for the two video inputs. If the two video sources (cameras) use the same format, and if their video outputs are to be captured with the same settings, then one Capture & Adjust Dialog provides common control. Choose the XCAP-Ltd program for convenient sequence capture, display, and save to as much as 8 gigabytes of memory. Choose XCAP-Std for maximum capture, display, and save capabilities combined with extensive processing, measurement, and analysis (including video-to-disk capture). Programmer's libraries (XCLIB) and image processing subroutines (PXIPL) are available for solving the most difficult particle tracking, machine vision measurement, inspection, image sequence analysis, and flow analysis tasks. Third party software is also available.

**EPIX, Inc. assembles complete imaging systems** with cameras, frame grabbers, high-performance PCI Express motherboards, and RAID arrays for video-to-disk capture. EPIX® imaging systems, custom-built to your specifications, feature performance tested motherboards and processors. Contact EPIX, Inc., or an authorized EPIX, Inc. distributor for help selecting cameras, frame grabbers, imaging software, optics and computer systems.

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