

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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PIXCI® SI

PIXCI® SI Frame Grabber Brings PCI to SILICON VIDEO® Cameras

PIXCI SI Frame Grabber



- PCI (32-bit/33MHz) frame grabber for most SILICON VIDEO cameras.
- Compatible with 3.3 or 5 volt PCI slot.
- In 8-bit mode, supports pixel clock frequencies up to 70 MHz.
- In 10 or 12 bit mode, supports pixel clock frequencies up to 62 MHz.
- Camera's frame rate determines the PIXCI SI's frame rate.
- Camera's resolution and bit depth determine the PIXCI SI's resolution and bit depth.
- Stream video into PC memory - use up to 4 GB of memory (subject to OS & BIOS memory requirements).
- Capture color data in Bayer format conserving memory without lossy image compression.
- For longer duration, stream video to hard drive or RAID with optional XCAP-Std program.
- RJ45 connector for camera data, camera power, and camera control signals.
- 9 pin D-Subminiature for LVDS Trigger input and LVDS strobe output.
- TTL Module available for TTL Trigger input, TTL strobe output.
- Includes XCAP-Lite imaging program at no additional charge.

Supports SILICON VIDEO® Cameras
Provides camera power -
eliminates power supplies
PCI Slot Compatible
Windows & Linux, 32 & 64–bit
RoHS Compliant

Supported SILICON VIDEO® cameras have resolutions of 0.3, 1.3, 3.1, 5.0, 9.1, and 10 megapixels. Area of interest controls allow reduction of image size for higher frame rates.

The XCAP-Lite imaging program provides board and camera controls with limited capture and save capabilities. XCAP-Lite is primarily recommended for custom software development. Choose the XCAP-Ltd program for convenient sequence capture, display, and save to as much as 4 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, [subject to the performance of the computer's RAID array]). 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 motherboards, and 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.

SILICON VIDEO® CAMERA	MAX. RESOLUTION	MAX. CAMERA DATA WIDTH	MAX. FRAME RATE AT MAX. RES.
SVWGAC (sv_wga.htm) or SVWGAM (sv_wga.htm)	752 × 480	10 bits	60 FPS
SV9M001M (sv9m001.htm)	1280 × 1024	10 bits	30 FPS
SV9T001C (sv9t001.htm)	2048 × 1536	10 bits	12 FPS
SV5C10 (sv5c10.htm) or SV5M10 (sv5c10.htm)	2592 × 1944	12 bits	10 FPS
SV9C10 (sv9c10.htm)	3844 × 2616	12 bits	6.6 FPS
SV10C6 (sv10c6.htm) or SV10M6 (sv10c6.htm)	3840 × 2764	12 bits	7.1 FPS

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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