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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Find the *BitFlow Neon-CLB* at our website: ***Click HERE***

IMAGING SUPPORT

Neon-CLB

The Neon is priced to make you forget the competition, without sacrificing any of the quality you expect from BitFlow.



The Neon-CLB

Simplify your industrial, medical, or semiconductor imaging application with BitFlow's Neon-CLB, the easiest to use and most reliable Base/PoCL Camera Link frame grabber available anywhere. The Neon-CLB captures images at up to the camera's highest frame/data rate, with precision image acquisition suitable for the most demanding applications.

The Neon-CLB is designed for the OEM that needs the performance of the PCI Express bus, BitFlow's famous industrial quality, and one of the lowest price points in the industry. The Neon-CLB can acquire from ALL Base CL cameras and has enough industrial I/O to handle even the most complicated synchronization tasks.

Adding the Neon-CLB to your application is simple with our SDK, which supports both 32-bit and 64-bit operating systems. The SDK provides high level APIs for sophisticated buffer management and low-level direct access to the board for speedy custom control.

If you need the simplest, most reliable, and best performing Base Camera Link and PoCL frame grabber, call BitFlow today to get our OEM-priced Neon-CLB, BitFlow's 4th generation of robust, industrial Camera Link imaging products.

Features

- Base Camera Link interface
- Power over Camera Link (PoCL)
- Supports both PoCL and non-PoCL cameras
- Provides Safe Power - full protection from all CL power line faults
- Half-Size x4 PCI Express Board
- Acquire up to 24 bits at 85 MHz
- Both CL and I/O connector on one bracket (only one slot needed)
- FlowThru technology means that no on-board memory is needed, even with the fastest cameras
- DMA at data rates up to 528 MB/S
- Supports images up to 256K x 128K
- No frame rate limit
- Triggers and encoders for external control of acquisition
- Programmable signal generator for camera control
- Sophisticated triggering modes for complex applications
- Acquire variable length frames with line scan cameras
- Quadrature encoder support including sophisticated triggering schemes
- Encoder divider/multiplier
- On-board timing generator supports high-resolution exposure control
- Drivers, utilities and examples for Windows XP/2003/Vista/Windows 7
- Supported on both 32-bit and 64-bit platforms

Frame Grabbers

Machine Vision Software Support

Applications Development Software

BitFlow™

300 Wildwood Ave. Woburn, MA 01801 USA
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www.bitflow.com

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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