Neon-CL

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

BitFlow > Frame Grabbers > Neon-CL

The Neon-CL

Simplify your industrial or medical imaging product with BitFlow's new Neon-CL, the world's first Power over Camera Link (PoCL) frame grabber. PoCL is the new Camera Link (CL) standard for providing power to the camera over the CL cable. With Neon-CL, Camera Link now supports simple, one-cable installations while providing data rates up to 255 megabytes per second!

Neon-CL is designed exclusively for the OEM that needs the performance of the x4 PCI Express bus, BitFlow's famous industrial quality, and one of the lowest price points in the industry. Neon-CL can acquire from all Base CL area and linear cameras and has enough industrial I/O to handle any external synchronization task that you can throw at it.

Adding Neon-CL to your OEM application is a simple and easy task with our Software Developer's Kit. Once your development is done, you'll sleep well knowing that your Neon-CL will give you many years of efficient, reliable service.

So if the simplest, most reliable, and best performing CL frame grabber is what you need, please call your local BitFlow dealer today to get our OEM-priced Neon-CL - our 5th generation of trouble-free, high quality CL imaging products.

Features

- Base Camera Link interface
- Half-Size x4 PCI Express Board
- Acquire up to 24 bits at 85 MHz
- CL and I/O connectors both on board edge (only one slot needed)
- FlowThru technology means that no on-board memory is needed, even with the fastest cameras
- Multi-tap cameras rasterized on the fly
- DMA at data rates up to 1.0 GB/S
- Supports images up to 256K x 128K (unlimited vertically for line scan)
- No frame rate limit
- Triggers and encoders external control of acquisition
- Programmable signals generator for camera control
- Sophisticated triggering modes for complex applications
- Acquire variable length frames with line scan cameras
- General purpose I/O
- Drivers, utilities and examples for Windows 2000/XP/2003
- Supported on both 32-bit and 64-bit platforms
- Drivers for most 3rd party processing environments
- Acquire image sequences well beyond the 4GB barrier
- RoHS and CE approved

Frame Grabbers

Industrial & Scientific Software

Applications Development Software

BitFlow™