

ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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IMAGING SUPPORT

R64e-CL

The new serial, peer-to-peer, PCI Express is the bus of the future for high speed data. The R64e-CL will help you move your application into that future.



BitFlow > Frame Grabbers > R64e-CL

The R64e-CL

The new R64e-CL takes high-speed imaging to the next level by offering a solution for PCI Express. PCI Express offers not only incredible bandwidth, but also significantly more robust continuous data throughput. The R64e-CL product line follows the tradition of its predecessors by supporting image acquisition at today's camera speeds with zero latency or CPU usage. Combining the built-in flexibility to support hundreds of off-the-shelf and proprietary cameras with the simplicity of a Camera Link interface, the R64e-CL offers the best camera interface solution for the most demanding OEM, System Integrator or End-User applications.

The R64e-CL features a single or dual Camera Link camera interface configuration. In the single camera configuration, the R64e-CL is capable of supporting a base, medium or full Camera Link camera. Output configurations include two taps, three taps (RGB), four taps and eight taps. The dual camera configuration R64e-CL is capable of supporting two identical base Camera Link cameras.

Features

- Half-Size x8 PCI Express Board
- Base, medium, full or dual-base Camera Link interface
- Configuration files for almost every CL camera made
- Proven FlowThru architecture
- On-board real-time Bayer color decoding (R64-PCE-CL-IP2 model)
- Up to 85 MHz pixel clock
- On-the-fly reformatting for multi-tap cameras
- Image sized up to 256K x 128K (unlimited vertically for line scan)
- Supports variable size image acquisition
- TTL, Differential and Opto-coupled user-programmable I/O
- Numerous trigger modes for application specific acquisition and control
- Supported by BitFlow SDK 4.50 or higher
- Compatible with Windows NT, 2000, XP and Server 2003
- Drivers for ImagWarp, HALCON, LabView, etc.
- Programmable trigger delay
- Programmable encoder divider (PLL based)
- RoHS and CE approved

Frame Grabbers

Industrial & Scientific Software

Applications Development Software

BitFlow™

300 Wildwood Ave. Woburn, MA 01801 USA
tel 1-781-932-2900 | fax 1-781-933-9965
www.bitflow.com | www.imagewarp.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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