

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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

The Wayback Machine - https://web.archive.org/web/20040427145659/http://www.euresys.com:80/products/grablink/Grabli…

HOME

SITE MAP

LINKS

WHERE TO BUY

- GRABLINK series
- GRABLINK Value
- GRABLINK Expert 2
- MultiCam Driver

- GRABLINK data sheet
- Interfacing cameras



Wide PCI, high-performance digital acquisition

The **EureCard Grablink Expert 2** is a Camera Link frame grabber for **demanding industrial applications.** Supporting the **Base or Medium configuration**, it can be connected to **one or two cameras**. The Grablink Expert 2 is a **64-bit, 66 MHz PCI bus** frame grabber. Each camera delivers images at a maximum speed of 66 MHz over the data paths towards the on board memory.

- **Dual Base or Medium configuration**
- **48 bits at 66 MHz**
- **16-MByte on board memory**
- **Form factors: desktop PCI**
  Compact PCI 64-bit 66 MHz bus

Support of dual Base or Medium configuration

Grablink Expert 2 is a Camera Link compatible frame grabber fitted with **two Camera Link connectors.** It acquires images simultaneously and independently from two line-scan or area-scan digital cameras in a **dual Base configuration.** Grablink Expert 2 also supports one camera in the **Medium configuration.** It supports various types **of cameras:**

NUMBER OF CAMERAS	Monochrome single-tap	Monochrome dual-tap	RGB triple-tap	Monochrome quad-tap	Monochrome octal-tap
Base configuration	two (8 to 16 bits)	two (8 to 12 bits)	two (8 bits)		
Extended Base configuration*				two (8 to 12 bits)	
Medium configuration			one (10 to 12 bits)	one (8 to 12 bits)	
Extended Medium configuration*					one (8 to 12 bits)

* Multiplex tap. Preliminary feature

New Form factors



The EureCard Grablink Expert 2 is available in two form factors, PCI and cPCI. Both are designed for high-speed acquisition with a 64-bit, 66 MHz PCI bus. The Compact PCI board (cPCI) serves the purpose of the **industrial applications.** This particular form factor brings a **high resistance to shocks and vibrations** thanks to the **rugged packaging** and the **high-density pin-and-socket connection to the PC.** Besides, cPCI PCs offer many more slots - in the 33 MHz configuration up to height slots are available.

Increased performances

The Grablink Expert 2 offers a high bandwidth allowing to transfer images from **even more demanding cameras.**

Serial control of cameras

The EureCard Grablink Expert 2 supports two Camera Link pseudo **RS-232 serial lines.** The application software can use

the Camera Link API functions to control the camera. Alternatively, the serial lines can be **configured as additional PC COM ports** ensuring interoperability with existing camera control software.

On board memory

Grablink Expert 2 incorporates a **16-Mbyte** on board memory. Clocked at 100 MHz, it provides a throughput of 800 Mbytes/s implementing a huge **FIFO for each camera.**

I/O lines

Grablink Expert 2 PCI is delivered with an auxiliary I/O board implementing the trigger and strobe facilities. The bracket is fitted with two connectors. On the female DB9 connector, system components (such as a motion encoder) benefit from **isolated I/O lines and power supply. TTL trigger and strobe lines** are available on a female DB25 together with **16 fully programmable general-purpose I/O lines.** On the Grablink Expert 2 cPCI, the two I/O connectors, DB 25 and DB 9, are located directly on the front panel.

Top

Copyright © 1989 - 2004 Euresys s.a. All rights reserved - See Euresys General Terms and Conditions
Send all questions and comments regarding this site to webmaster@euresys.com
For questions about Euresys Company and Products please contact info@euresys.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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

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

ARTISAN® TECHNOLOGY GROUP