



Due to the favorable price and offers a series of industry-standard availability of pciGrabber-4express the best conditions for the solution of image processing tasks. In this kit are all necessary components of a PC-based image processing system together, so you can quickly and effectively build your custom imaging solution. It offers the ideal combination of inexpensive hardware and software for your application. The use of modern PCI Express bus technology in combination with full compatibility with pciGrabber-4plus allows the switch to the current computer platforms without any additional effort. The Quick Start Guide is to start with step-by-step. Programmers will find a detailed description of the driver to create your own application.

**Camera:**

- Resolution 752 x 582 pixels
- Color camera CCIR-PAL
- Composite and S-VHS output (Y / C)
- Minimum luminous intensity only 0.50 lux
- electronic 4-fold zoom
- Horizontal Resolution 450 TV lines
- Electronic Iris (1/50-1/30.000)
- switchable auto white balance
- baucklein Camera
- Monochrome and Invertmodus possible
- Parameters adjustable via software and stored (in-house programming available via driver)

**Grabber:**

- Up to 4 composite inputs
- 1 S-Video input
- max. Resolution 768 x 576 pixels
- Color resolution and color format are selectable
- Image size and resolution are separated scalable
- Direct image transfer to memory in real time
- freely definable image areas
- complete driver software for free
- multiple grabber in a PC possible
- EEPROM for user data
- I / O ports for control signals
- suitable for PCI Express - PCI Express x1 slot machines with or better
- compatible with PCI Express Base Specification Revision 1.0a

#### **Delivery:**

Tested assemblies with hardware manuals, Vision Utilities CD, QuickCog demo CD with software, demo software, and extensive additional manuals on CD VCAM110-2, high-resolution color camera with 0.5 lux, electronically adjustable

#### **Kit Contents:**

- Camera connector cable WK075, S-VHS and camera power supply
- pciGrabber-4 *express*, real-time color frame grabber for PCs with PCI Express bus
- Quick Start - Manual for rapid commissioning
- Reference Guide for programming
- Driver and demo program for Windows
- QuickCog - software demo

Accessories:

[WK032](#) control cable for the camera (including software)

[AZ012](#) Tischstativ

#### **Note on additional components:**

- In any case, you still need a lens C-or CS-MOUNT, please choose according to your required lens focal length in Chapter
- an optional control cable for parameter setting of the color camera including control software and user manual
- optional table stand as AZ012