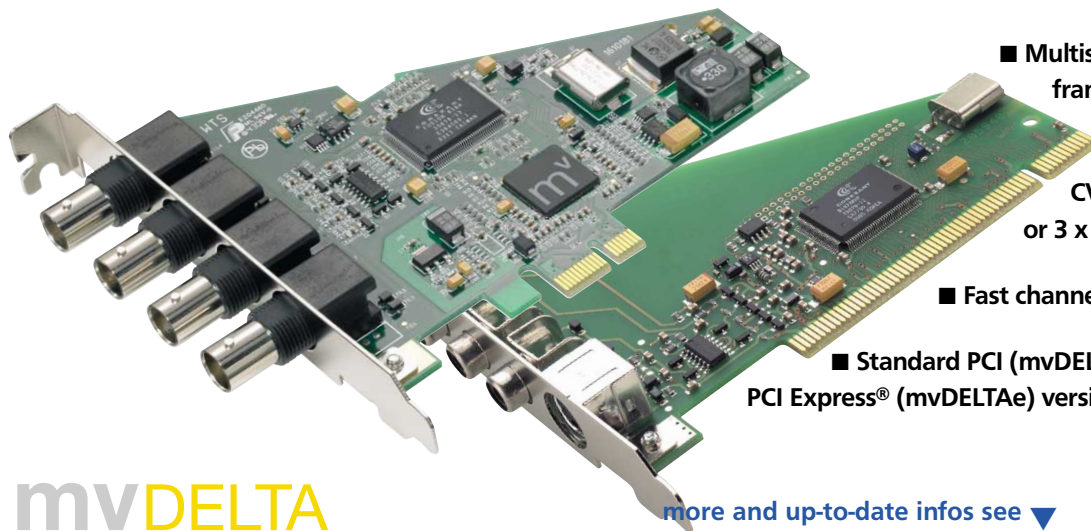


Grabs color and gray scale video signals

## Start your Vision easy

[www.matrix-vision.de](http://www.matrix-vision.de)



■ Multistandard low cost frame grabber

■ Video inputs: 4 x CVBS/gray or 3 x CVBS and 1 x Y/C

■ Fast channel switching

■ Standard PCI (mvDELTA) and PCI Express® (mvDELTAe) versions available

## mvDELTA

more and up-to-date infos see ▼

[www.matrix-vision.com/mvDELTA](http://www.matrix-vision.com/mvDELTA)

The mvDELTA/mvDELTAe frame grabber is the most compact and cost-effective MATRIX VISION product solution to date.

Nonetheless, the quality and functionality of this board make it an ideal solution for a variety of visualization and image processing tasks. The cross-product software port facili-

tates quick transition to higher-performance frame grabbers from MATRIX VISION for applications that are more demanding on the board's specification.

### Features

#### Hardware

- ▶ 4 video inputs
- ▶ input connectors: 4 x Cinch + 1 x YC, alternative 4 x BNC
- ▶ fast input switching
- ▶ supports all important 50/60 Hz video standards
- ▶ grabs color and gray scale signals
- ▶ programmable brightness, contrast, saturation and hue
- ▶ auto or fixed gain setting
- ▶ resolution 768 x 576 @ 50 Hz and square pixels
- ▶ variable scaling with horizontal and vertical interpolation
- ▶ pixel formats: RGB 8..32 bit, YC, 8 bit gray scale
- ▶ even/odd frames can be handled independent
- ▶ PCI DMA transfer to main or VGA memory
- ▶ text and graphics overlay over live video with DirectDraw

#### Environs Information

- ▶ permissible ambient temperature 0..50 °C

#### Software

- ▶ drivers for Windows®
- ▶ MV driver and bttv available for Linux®
- ▶ optimum support by mvIMPACT image processing library and tools
- ▶ free mvIMPACT-Base library license included

#### Application Areas

- ▶ surveillance and security systems
- ▶ visualization
- ▶ industrial image processing
- ▶ microscopy
- ▶ medicine

#### Additional Features mvDELTAe

- ▶ PCI Express®
- ▶ full bandwidth for each mvDELTAe board

**Legal notice:** The contents of this brochure are intended to provide information only and to show possible examples. We reserve the right to change technical data and construction at any time without prior notice. The technical specifications of customer systems and of our current products have to be clarified when ordering. Date 05/2007

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