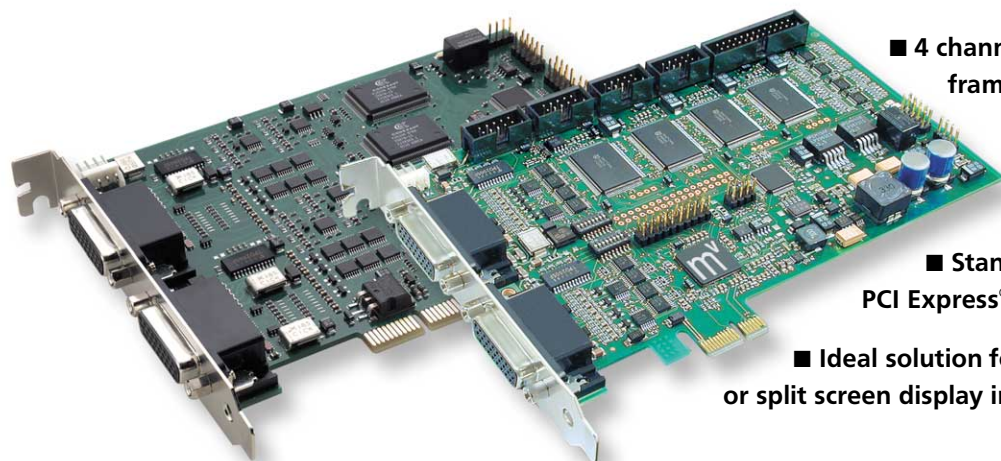# mvSIGMA-SQ/-SQe

Four channel multistandard frame grabber

Four Independents for More Visions.

www.matrix-vision.de

- ■ **4 channel multistandard frame grabber**
- ■ **16 x CVBS/gray inputs**
- ■ **16 digital-IN, 8 digital-OUT**
- ■ **Standard PCI (SQ) and PCI Express® (SQe) versions available**
- ■ **Ideal solution for multi channel acquisition or split screen display in surveillance applications**

mvSIGMA-SQ/-SQe

more and up-to-date infos see ▼

www.matrix-vision.com/mvSIGMA-SQ

The mvSIGMA-SQ/-SQe is a four channel frame grabber for standard color or gray scale video signals.

The 16 video inputs can be switched independently to each of the four channels. This makes it a product optimally suited for surveillance applications, either for live display of multiple inputs in parallel or by its ability to capture up to four video signals at the same time. The digital I/Os match the need to connect alarm input and output devices to the system. The optional watchdog ensures the reliabilty of the application by the ability to restart a system.

Features

Hardware	Software
◗ 16 gray/CVBS or 4 x Y/C video inputs	◗ drivers for Windows® and Linux®
◗ 4 parallel, independent acquisition channels	◗ supported by mvIMPACT library
◗ each channel equals one mvDELTA, but with 16 input analog MUX	
◗ free input assignment to any channel	**Applications**
◗ AGC or fixed gain	◗ parallel capture of multiple cameras
◗ hardware assisted fast input switching	◗ fast input switching
◗ scaler and color space conversion	◗ visualisation
◗ local PCI bus frees load on system PCI	◗ live split screen display
◗ 16/8 digital I/O-signals	
◗ opt. watchdog for automatic restart of the complete system	

Environs Information
◗ permissible ambient temperature 0..50 °C

Additional features mvSIGMA-SQe
◗ PCI Express®
◗ full bandwidth for each mvSIGMA-SQe board

MATRIX® VISION

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