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 reliability of the application by the ability to restart a system.

### Features

**Hardware**
- 16 gray/CVBS or 4 x Y/C video inputs
- 4 parallel, independent acquisition channels
- each channel equals one mvDELTA, but with 16 input analog MUX
- free input assignment to any channel
- AGC or fixed gain
- hardware assisted fast input switching
- scaler and color space conversion
- local PCI bus frees load on system PCI
- 16/8 digital I/O-signals
- opt. watchdog for automatic restart of the complete system

**Software**
- drivers for Windows® and Linux®
- supported by mvIMPACT library

**Applications**
- parallel capture of multiple cameras
- fast input switching
- visualisation
- live split screen display

**Additional features mvSIGMA-SQe**
- PCI Express®
- full bandwidth for each mvSIGMA-SQe 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)