

pcIMAGE-SDIG

Discontinued



- Multistandard digital frame grabber
- Flexible and powerful interface for area and line scan cameras
- Acquisition of LVDS signals up to 40 MHz
- Almost unlimited resolution

The pcIMAGE-SDIG digital frame grabber is notable for its flexibility when attaching many different camera types and signal sources, which has enabled this grabber to be used successfully with all important camera types.

/* */

- Hardware
- Software
- Downloads

- Frame grabber with PCI Master-DMA-Interface for digital cameras
- Camera interfaces: standard up to 10 bit, AIA module up to 24 bit, special modules up to 32 bit
- LVDS receiver
- Real-time data transfer over the bus without CPU load
- Transfer rate (max.) 132 MB/s
- Overlay without DirectDraw via selective DMA transfer
- Flexible pixel formatting and addressing
- External trigger input and other I/O signals
- Camera power supply (depends on the camera)
- Color- and gray scale area and line scan cameras in several modes supported
- Input LUT: standard 10 bit → 16 bit, AIA module 16 + 8 bit → 16 + 8 bit
- Variable scan with HD and VD input
- Real-time image representation over system graphic card without CPU load
- Text and graphics overlay over live video with DirectDraw
- Picture resolution freely selectable
- DMA transfer to free selectable memory
- External clock signal up to 40 MHz with programmable delay
- Long-term availability by exclusive use of industrial components

- Libraries for Windows® and Linux®

- TWAIN drivers

mvSDK for Windows (deprecated)

Release versions are extensively tested on several platforms, components and operating systems. You should prefer to use the Release versions. MATRIX VISION transfers Beta versions to Release versions regularly.

Beta driver versions are functionally complete and tested on selected platforms. We publish them in order to allow expert users the use of the newest products with the latest features. Due to the multitude of possible combinations of components and operating systems, the user acts at his or her own risk.


 [mvSC32 2.4.5.16](#) | 622.4 kB

pcIMAGE-SC 32 Bit **Release** Windows (2000, XP)

Gerätetreiber (**nicht** mvIMPACT Acquire) / device driver (**not** mvIMPACT Acquire)


 [mvSC32 2.4.5.16.history](#) | 11.8 kB

32 Bit pcIMAGE-SC **Release** History-Datei / 32 Bit pcIMAGE-SC **Release** history file

 [mvSDIG32 3.0.6.39](#) | 666.1 kB

pcIMAGE-SDIG 32 Bit **Release** Windows (2000, XP)

Gerätetreiber (**nicht** mvIMPACT Acquire) / device driver (**not** mvIMPACT Acquire)

 [mvSDIG32 3.0.6.39.history](#) | 12.9 kB

32 Bit pcIMAGE-SDIG **Release** History-Datei / 32 Bit mpcIMAGE-SDIG **Release** history file

 [mvSG32 2.4.8.19](#) | 789.8 kB

pcIMAGE-SG 32 Bit **Release** Windows (2000, XP)

Gerätetreiber (**nicht** mvIMPACT Acquire) / device driver (**not** mvIMPACT Acquire)

 [mvSG32 2.4.8.19.history](#) | 11.6 kB

32 Bit pcIMAGE-SG **Release** History-Datei / 32 Bit pcIMAGE-SG **Release** history file

 [mvSRGB32 2.4.7.19](#) | 650.6 kB

pcIMAGE-SRGB 32 Bit **Release** Windows (2000, XP)

Gerätetreiber (**nicht** mvIMPACT Acquire) / device driver (**not** mvIMPACT Acquire)

[mvSRGB32 2.4.7.19.history](#) | 11.3 kB

32 Bit pcIMAGE-SRGB **Release** History-Datei / 32 Bit pcIMAGE-SRGB **Release** history file

mvSDK for Linux (deprecated)

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 [README](#) | 5.3 kB

Readme-Datei mit Installationshinweisen des Gerätetreibers (nicht mvIMPACT Acquire) / Readme file with installation guide for device driver (not mvIMPACT Acquire)

 [beta dist_sdig-3.0.4.39-1](#) | 3,088.8 kB


pcIMAGE-SDIG 32 Bit **Beta** Linux

Gerätetreiber (**nicht** mvIMPACT Acquire) / device driver (**not** mvIMPACT Acquire)

 [dist_sdig-3.0.4.37-2](#) | 3,149.4 kB


pcIMAGE-SDIG 32 Bit **Release** Linux

Gerätetreiber (**nicht** mvIMPACT Acquire) / device driver (**not** mvIMPACT Acquire)

 [dist_sc-2.4.4.15](#) | 1,259.9 kB

pcIMAGE-SC 32 Bit **Release** Linux

Gerätetreiber (**nicht** mvIMPACT Acquire) / device driver (**not** mvIMPACT Acquire)

 [dist_sg-2.4.6.17](#) | 1,355.8 kB

pcIMAGE-SG 32 Bit **Release** Linux


Gerätetreiber (**nicht** mvIMPACT Acquire) / device driver (**not** mvIMPACT Acquire)

 [dist_srgb-2.4.5.17](#) | 1,355.8 kB

pcIMAGE-SRGB 32 Bit **Release** Linux

Gerätetreiber (**nicht** mvIMPACT Acquire) / device driver (**not** mvIMPACT Acquire)

Application Notes

 [Basler A102k + K BIC + pcIMAGE-SDIG](#) | 228.1 kB

Basler A102k und/and K BIC mit/with pcIMAGE-SDIG

Subject to change without notice, Date 10/2000