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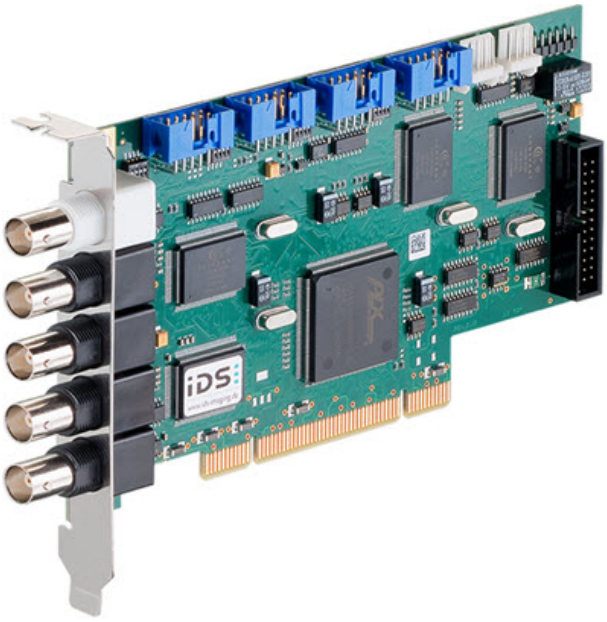
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Expert team | Trust guarantee | 100% satisfaction

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Find the *IDS Imagining FALCONquattro* at our website: ***Click HERE***



Thank you for your decision to purchase a frame grabber of IDS Imaging Development Systems GmbH. This manual describes the operation mode of:

- FALCON and FALCON Express
- FALCONplus and FALCONplus Express
- FALCONquattro and FALCONquattro Express
- FALCON LP and FALCON LP Express

The FALCON/EAGLE are great value 32 bit frame grabbers for industrial, medical and multimedia applications in monochrome and color. Video sources with S-VHS (YC) and CVBS outputs (composite video) are supported. The data transmission to the PC or to the VGA board is carried out via a DMA transfer in burst mode and therefore places only a very small load (if any) on the CPU. The images are available in 24 bit true color quality.

FALCON frame grabber

- FALCON/FALCON Express: 2 composite video inputs (Chinch) and 1 S-VIDEO input
- FALCONplus/FALCONplus Express: 4 composite video inputs via BNC-connectors, 1 video output, hardware watchdog and switchable 750 Ohm video signal termination (from hardware version 5.0 on)
- FALCONquattro/FALCONquattro Express:4 composite video inputs (up to four video sources are grabbed parallel) /1 video output (Rev 2+), with the possibility to extend up to 16 composite video inputs by use of the external video extension board IS-SLOT-D26 or IS-SLOT-4.
- FALCON LP/FALCON LP Express: 2 composite video inputs (Chinch) and 1 S-VIDEO input
- FALCON/FALCON Express/FALCONplus/FALCONplus Express: 8 digital inputs, 4 trigger inputs and 8 digital outputs (since hardware revision 4.0)
- FALCONquattro/FALCONquattro Express: 8 digital inputs, 8 trigger inputs and 8 digital outputs
- Multi standard support (CCIR, PAL, NTSC, EIA/RS170, SECAM)
- Multiple board support (tested with up to 5 boards)
- Interrupt sharing - several cards can share an interrupt.
- Support for all VGA resolutions
- Color conversion from YC (YUV) to RGB in real-time
- RGB 24 bit and RGB 32 bit true color support
- Full video resolution of 768x576 at 50Hz (PAL/CCIR) and 640x480 at 60Hz (NTSC/RS170)
- Non destructive overlay support with Direct3D
- Support for color manipulation as well as image manipulation
- Real-time hardware scaling
- EEPROM to which data may be written
- Programmable interface for Windows XP/Vista/7/8/8.1/10 (DLL) and Linux (from Kernel 2.6 on)
- Save images in BMP format
- Compatible to PCI specification 2.1
- Direct data transfer to VGA card and the PC’s system memory
- PCI bus master DMA interface

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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