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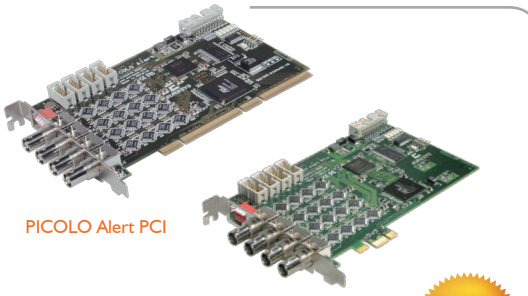
Expert team | Trust guarantee | 100% satisfaction

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Picolo Alert PCI/PCIe

Ultra-fast Multiple-channel PCI/PCI Express® Frame Grabbers



PICOLO Alert PCI

PICOLO Alert PCIe

NEW

Grayscale Camera | Color Camera | PCI | PCI EXPRESS® | Analog

Introduction

Equipped with a video-surveillance FPGA, the Picolo Alert frame grabbers are able to acquire images from up to sixteen independent cameras with a total digitizing power of 100 fps/120 fps constantly available. The user is free to share this digitizing power between the sixteen channels, based on the requirements of the application.

16 video inputs

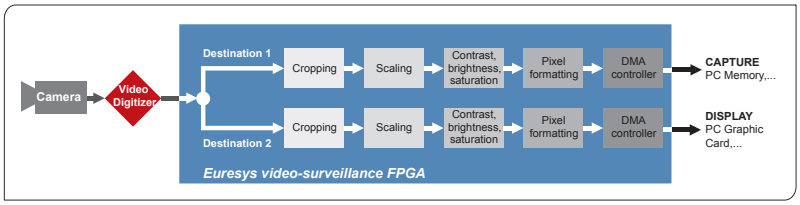
- **100 fps/120 fps constantly available**

  This is not a peak value! As a unique feature, the Alert boards offer the ability to share a total digitizing power of 100 fps / 120 fps among the sixteen video channels without switching delay.

  - Automatic removal of interlacing artifacts in field mode
  - A large frame store for an automatic and smooth regulation of the frame rate in case of a system overuse of the PCI bus. This frame store also ensures a non disruptive image delivery to the PC memory regardless of PCI bus latencies.
  - Stable images regardless of video parity: The Picolo Alert boards process the acquired images on the fly eliminating all issues related to the parity management without requiring any processing power from the PC.

- Two simultaneous and independent video streams per camera for simultaneous capture and preview functions:

A video channel



Each camera independently delivers data to two different memory locations in the PC, including the graphic card. Both are fully configurable for acquisition rate, image resolution, cropping, scaling, contrast, brightness, saturation, and storage

Features

- **Form factor:**
  - **64-bit, 66 MHz PCI bus (Picolo Alert PCI)**
  - **PCI Express® x1 full-height, half-length (Picolo Alert PCIe)**
- **Color (PAL/NTSC), monochrome (CCIR/EIA) cameras supported**
- **16 video inputs: 200 fps/240 fps constantly available**
- **Simultaneous capture and preview functions**

Applications

- **Intelligent Transportation System (ITS)**
- **Digital Video Recorder (DVR)**
- **PC-based surveillance systems**
- **Factory monitoring systems**

Software Support

- EasyMultiCam is the unique driver which serves the Picolo, Domino, and Grablink series frame grabbers.
- The EasyMultiCam driver runs under Microsoft Windows 2000®, XP®, Server 2003®, Vista®, and Linux Kernels 2.6.18 and 2.6.24.

Ordering Information

- **Picolo Alert**
  Ultra-fast multiple-channel PCI frame grabber
- **Picolo Alert PCIe**
  Ultra-fast multiple-channel PCIe frame grabber

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.

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