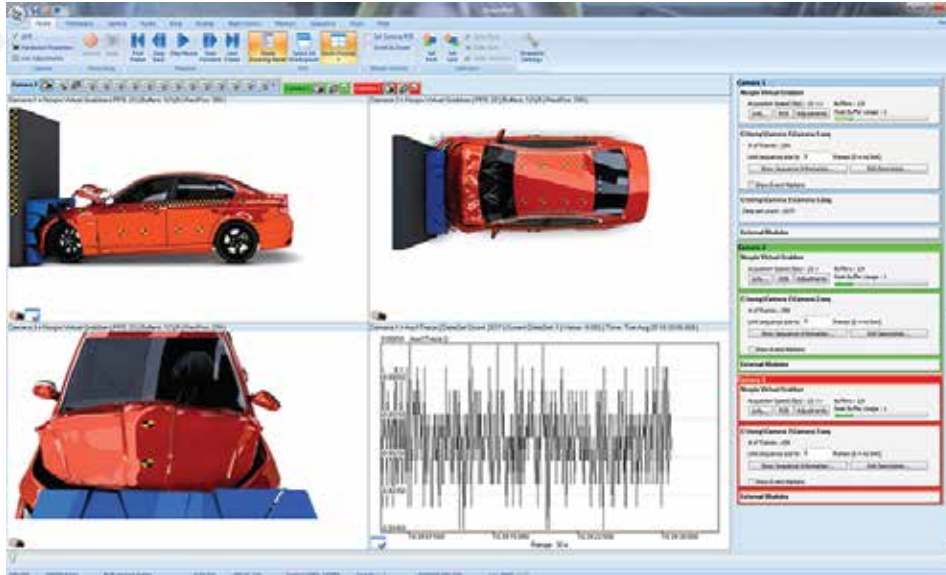


New StreamPix 7

Digital Video Recording Software



Applications:

- ◆ Motion Analysis
- ◆ Sports Finish Line
- ◆ Life Science
- ◆ Military
- ◆ Troubleshooting
- ◆ Asset Mapping

Features:

- ◆ Real time video recording to hard disk or RAM at up to 6 Gbytes/second.
- ◆ Acquire in monochrome or color, from GigE Vision, analog, digital, CoaXPress, Camera Link and USB 3.0 Vision cameras.*
- ◆ Acquire video as AVI, MOV, uncompressed or compressed with any Windows or Apple compatible CODEC installed.*
- ◆ VCR style controls: Record, Play, Rewind, Fast-Forward, Stop and Pause.
- ◆ Export images as BMP, TIFF, multi-TIFF, JPEG, PNG, FITS, AVI, MOV.
- ◆ Time Stamps with LTC, IRIG B and GPS coordinates.
- ◆ Color balance, histogram and other real time image processing functions.
- ◆ Supports a wide selection of frame grabbers and cameras.
- ◆ Windows 7, 8 and 10 in 32 and 64 bit.
- ◆ Multiple language supports Chinese, German, Korean, French and more to come.

**Depending on hardware configuration.*



(..cont'd) Features:

- ◆ Time lapse video acquisition.
- ◆ Use off the shelf hardware technology.
- ◆ Record Audio.
- ◆ Add time stamps, text comments or bitmap images as overlays on each image.
- ◆ Continuous video lap recording.
- ◆ Window leveling.
- ◆ Bayer Conversion.
- ◆ Trigger on event or level.
- ◆ Recording script.

New DAQ module:

- ◆ Record DAQ, analog data from digital or analog boards.
- ◆ Acquired data displayed with customizable data graphs.
- ◆ Playback synchronized video with DAQ, audio.
- ◆ Export DAQ files to standard .csv files for post processing.

New DMI Module:

- ◆ Synchronize image capture rates for multiple cameras using the received information from a Pulse Distance Interval device.

New Batch Processor module:

- ◆ Stand alone batch processing module.
- ◆ Automate batch processing.
- ◆ Convert to AVI, TIFF, JPEG, BMP and MOV.

New CUDA JPEG compression:

- ◆ Compress to JPEG in real time using NVIDIA GPU.
- ◆ Adjust JPEG compression between 0 to 100% quality.
- ◆ Monochrome or color image format.



StreamPix 7 Modules:

- ◆ **BWave Audio Recording:** Multi-layered audio recording synchronized.
- ◆ **Motion Detection:** Detect motion or change main image to generate a trigger.
- ◆ **Color Remapping LUT:** LUT Transformations.
- ◆ **PrePost Module:** Record before and after an event.
- ◆ **Pulse Generator Module for triggering:** Synchronize multiple cameras simultaneously.
- ◆ **ATS: Accurate Time Source.**
- ◆ **TV out: Secondary full screen.**
- ◆ **LTC: Time stamping for audio and video.**

Hermes API and Module SDK:

- ◆ **StreamPix is built upon the Hermes API.**
- ◆ **The API is a set of easy to use C++ or .NET libraries.**
- ◆ **Modules for grabbing, scripting, exporting (BMP, JPEG, TIFF, PNG, AVI), recording & playback of sequence files, display and more.**
- ◆ **Available with StreamPix supported cameras and frame grabbers.**
- ◆ **Get started fast with extensive documentation, demos & sample projects.**
- ◆ **Program input/output data from third-party sources such as outside temperature, atmospheric pressure or GPS positioning along and in sync with your images in a sequence.**
- ◆ **Visual C++ compatible.**
- ◆ **Custom development services available.**



Turnkey Systems:

StreamPix Recording Station 6 GBytes /sec



Features:

- ◆ Record up to 6 Gigabytes/second.
- ◆ Camera Link, CoaXPress, USB3.0 Vision, GigE and 10 GigE Vision cameras.
- ◆ Single or multiple camera setup at up to 24 cameras.

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