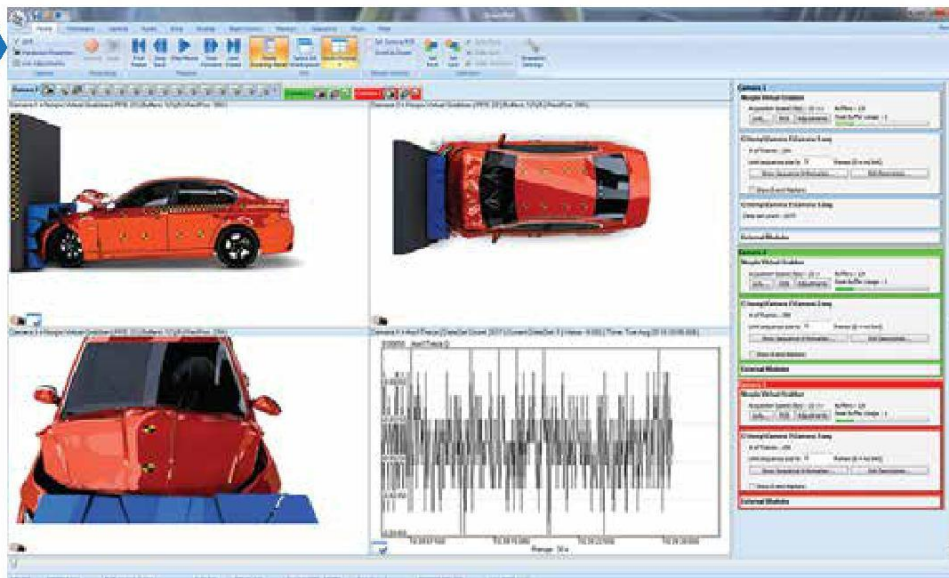


StreamPix 7

Digital Video Recording Software



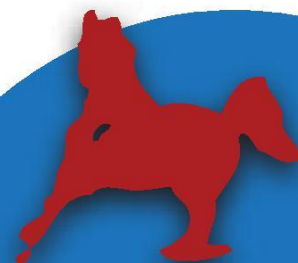
Applications:

- 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.*



Features (cont'd):

- 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:

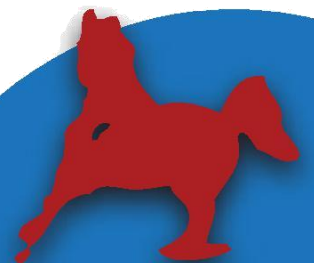
- Synchronize image capture rates for multiple cameras using the received information from a Pulse Distance Interval device.

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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