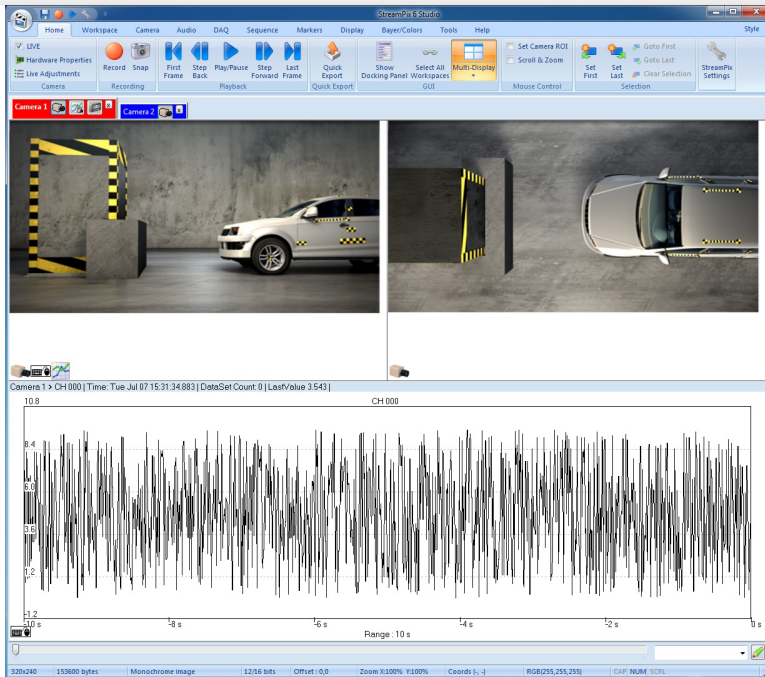


STREAMPIX 10

DIGITAL VIDEO RECORDING SOFTWARE



APPLICATIONS:

- ▶ Motion Analysis
- ▶ Sports Finish Line
- ▶ Life Science
- ▶ Military
- ▶ Troubleshooting
- ▶ Asphalt/Pavement capture.

FEATURES:

- ▶ Real time video recording to hard disk or RAM at up to 6 Gbytes/second.
- ▶ Acquire in monochrome or color from GigE Vision, 10, 25 & 100 GigE, USB3.1, Camera Link, HD-SDI, or CoaXPress 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 10, 11 in 32 and 64 bit.
- ▶ Multiple languages supported. Chinese Traditional and Simplified, German, Korean, Japanese, Spanish and French.

*Depending on hardware configuration.

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 COMPRESSIONS:

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

STREAMPIX 10 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 10 GBYTES/SEC



FEATURES:

- ▶ Record up to 6 Gigabytes/second.
- ▶ Acquire in monochrome or color from GigE Vision, 10, 25 & 100 GigE, USB3.1, Camera Link, HD-SDI, or CoaXPress cameras.*
- ▶ Single or multiple camera setup at up to 24 cameras.

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