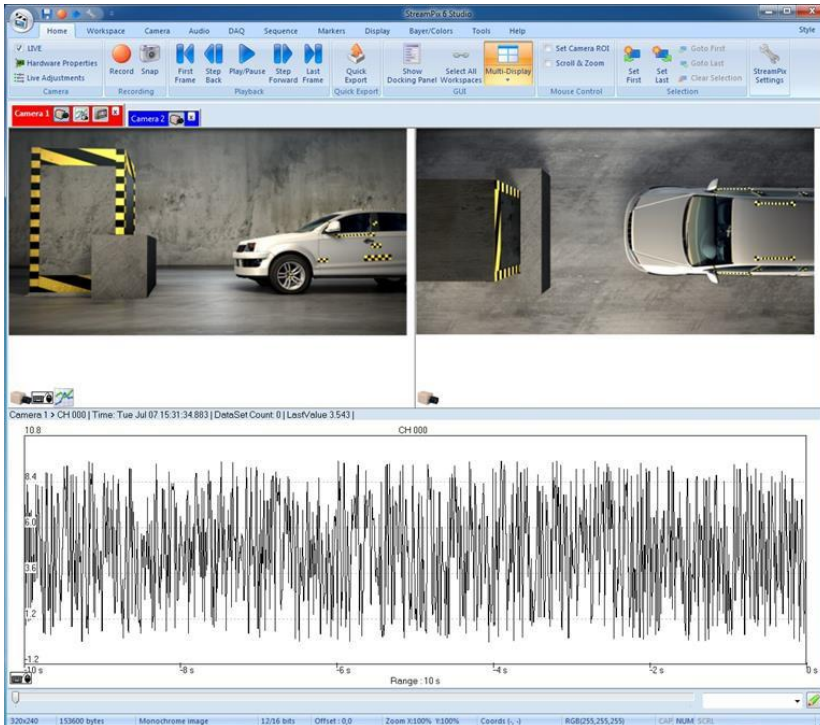# NORPIX
Digital Video Recording Software

STREAMPIX 9

►► APPLICATIONS:

► Motion Analysis

► Life Sciences

► Sports Analytics

► Wind tunnel

► Ballistics

► Machine Analytics

► Asset Mapping

►► FEATURES:

- Real time video recording to hard disk or RAM at up to 8 Gbytes/second.
- Acquire in monochrome or color from GigE Vision, 10 or 25 GigE, USB3.1, Camera Link, HD-SDI, Fiber 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 7, 10 in 32 and 64 bit.
- Languages: Chinese, German, Korean, Japanese, Spanish and French.

  * Depending on hardware configuration.

▶▶ FEATURES (cont'd):

- Time lapse video acquisition.
- Use off the shelf hardware technology.
- Record Audio.
- Overlay time stamps, annotation, bitmaps.
- Recording script.
- Continuous video lap recording.
- Window leveling.
- Bayer Conversion.
- Trigger on event or level.

▶▶ NEW DAQ MODULE:

- Record DAQ, analog data from digital or analog boards.
- Acquired data displayed with customizable date graphs.
- Playback synchronized video with DAQ, audio.
- Export DAQ files to standars .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:

- Standalone 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 9 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 ausio and video.
- GPS coordinates.

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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 StreaPix supported cameras and frame grabbers.
- Get started fast with extensive documentation, demos & sample projets.
- Program input/output data from 3rd party sources such as outside temperature, atmospheric pressure or GPS positioning along and in sync with images in a sequence.
- Visual C++ compatible.
- Custom development services available.

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