AOS Imaging Studio v4

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Imaging Studio v4 (AISv4) is an integrated and comprehensive software suite, easy to operate yet powerful.

AISv4 combines the latest programing technology with the experience of being the market leader in the high-speed imaging for years. Its sophisticated user interface offers a complete new workflow and understanding of operating high-speed cameras. Control and save all the application relevant camera and recording parameters, including multiple motion detection areas, auto shutter settings and multi buffer features – per camera! Control mixed setups with conventional self-contained high-speed cameras and high-speed streaming cameras.
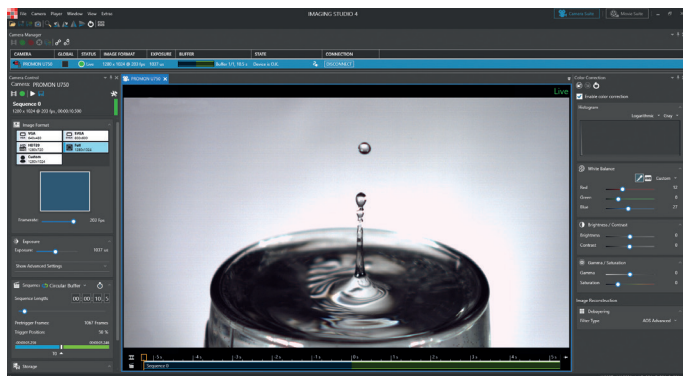
Key Features

- Control streaming and self-contained high-speed cameras with the same software on the same controller at the same time
- Simultaneous control of multiple cameras (Global Command)
- Multi buffer feature with different recording parameters
- Export and import camera settings
- Export and import overlay settings
- Setup, record, edit, export and review your recordings – all with AISv4
- Place a region of interest anywhere on the sensor by having full control over X- and Y- offset
- Job Manager – export your recordings to RAW4 and AVI at the same scheduled time

- Multi-Motion detection, as trigger or event marker
- Auto exposure, free definable ROI and controls
- Camcorder mode – use the high-speed streaming camera like a camcorder
- Trigger to picture – auto save an image when trigger button is pressed
- Open various sequences, synchronize them to the trigger frame and control them all synchronously – easy comparison of time shifted recordings
- Insert your company logo and export the edited sequence as an AVI for further use
- Multi language support (English, German, French, Chinese, Korean, Portuguese, Spanish)
- Install on as many PC as required for playback, editing and image data conversion purposes

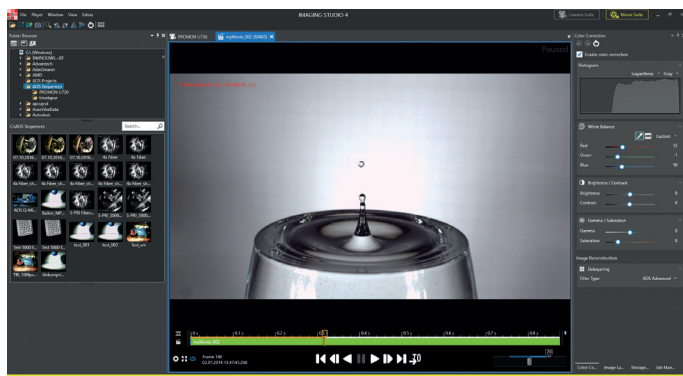Some features are camera depending

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Software

AOS Imaging Studio v4 is a modern and intuitive operating software which can be installed on any number of computers, in order to edit recorded sequences without a camera, convert these into other formats, or perform further analysis. If connected to a camera, all device and recording parameters can be easy and clearly set. This is software that is unmatched.
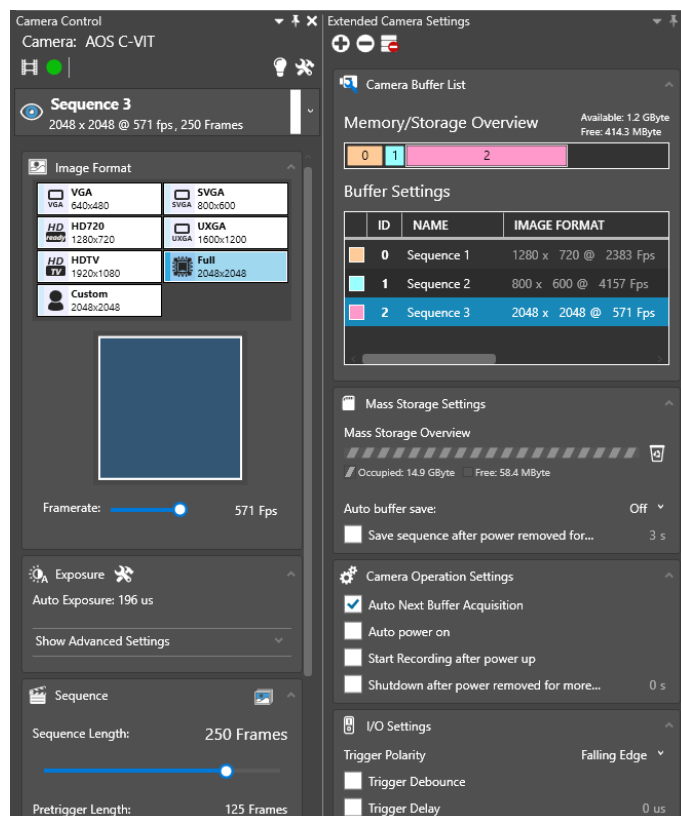

Graphical parametrization of the camera setting with Imaging Studio v4 CameraSuite

Comprehensive editing – and export function of the recorded sequence with Imaging Studio v4 MovieSuite

Parameters	Camera control, recording settings, playback and file conversion
Auto-store Function	Auto-store function in PC for 24/7 recording supported
Trigger Modes, Positions	Pre-post recording, adjustable by software from 0% to 100% in increments of 1 frame of total available recording time. Re-arm after trigger for instantaneous new recording
File Formats	Recording in AOS native format for performance reasons, conversion to avi, mpeg, mpeg4, single image formats such as BMP, JPEG, TIFF, Gif etc.
Snap Shot	Single snapshot of live images supported
Motion Detection	Motion trigger and motion event marking in file
Auto Exposure	Auto exposure, free adjustable ROI
Event Markers / Bookmarks	Events in the sequence can be tagged by bookmarks for easy orientation / finding
OSD	Information on camera, recording features, time stamp, camera name may be added in image data, Position of OSD is set by user
Custom Specific	Extended functions for custom specific use are easy to integrate. Contact us for further details

Some features are camera depending

Optional Feature Packages

- External data service
  Integrate GPS, IRIG-B or other data into the recorded sequence
- Motion Analysis
  AOS Motion Analysis Studio – powered by TEMA engine
- AISv4 as a windows service
  Access it over Ethernet / Wifi from everywhere with the AISv4 Client (available on request)
- AOS v4 SDK (available on request)
- Multi language support