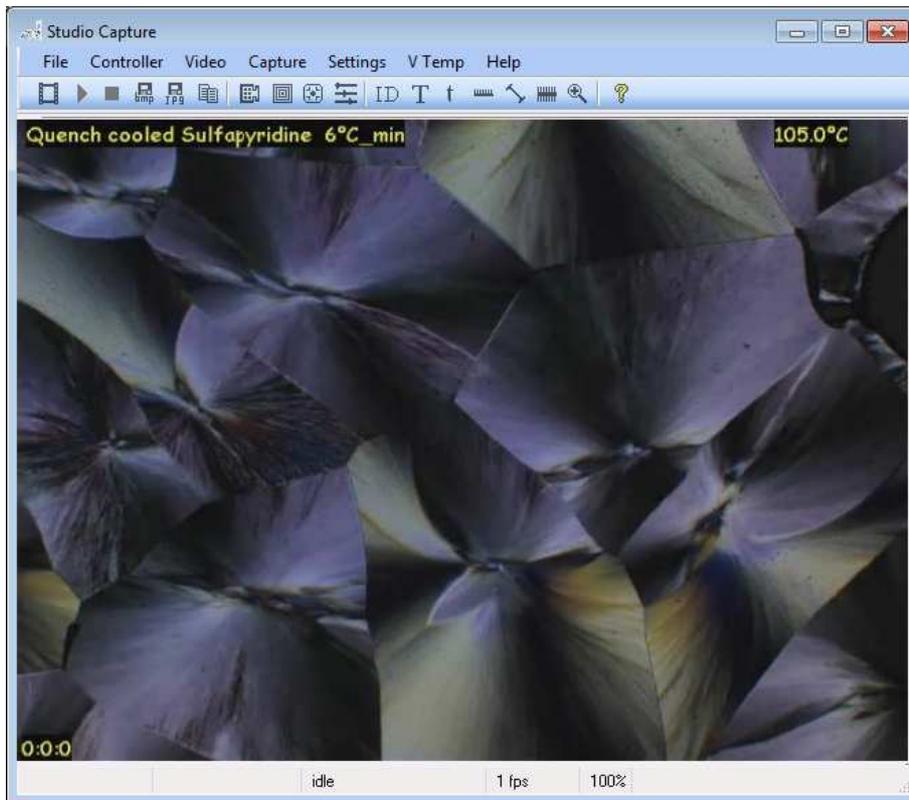


Studio Capture



Studio Capture is easy to use software that captures still images and video (avi) files from video cameras connected to microscopes. For users of microscope hot-stages, Studio Capture also supports temperature overlay into the captured images. Studio Capture can also be used as a convenient video display program.

Studio Capture can overlay text and lines onto the video image in real time. This means that you can add useful information such as a scale bar or title onto the image or video you save. If you have a microscope hot-stage then you can overlay the temperature directly onto the image. Studio Capture also provides for "real time" and "time-lapse" video capture by using user selectable video frame capture and playback rates. Studio Capture also allows data logging of temperature and image intensity.

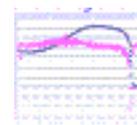


Studio Capture features:

- | | |
|------------------|--|
| Overlay Options: | Date and time.
Scale bar with user definable scale.
Image title.
Temperature. |
| Image capturing: | Video (avi) files with capture rates of 1-30 seconds per frame or at Maximum rate for system.
User definable video playback rate 1-25 fps.
Video compression with installed CODEC's or uncompressed bitmaps.
Still image capture in .bmp and .jpg file formats.
Image copy to Clipboard. |
| Data logging: | Temperature and image intensity can be logged and plotted graphically. |

Studio Tools

review, analyse, measure, report



Studio Tools is a suite of video playback and image analysis programs that accompany and enhance the functionality of Studio Capture .

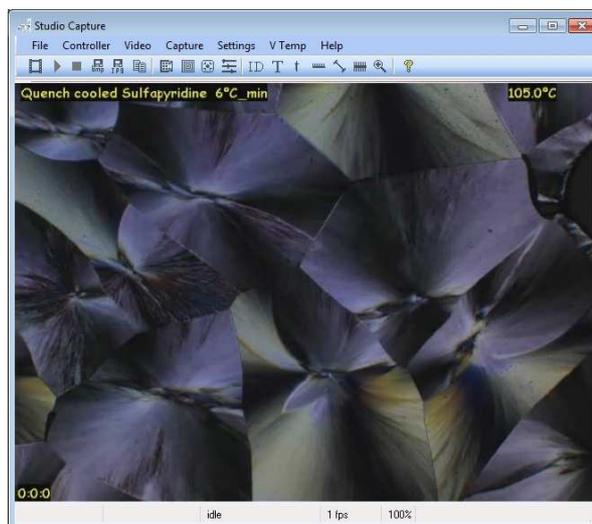
Studio Player is video playback and editing software with advanced control of playback rate and image size.

Studio Analyser is used to calculate the image intensity of each frame in a video file and save the information to a data file.

Studio Measure analyses changes in sample dimensions and saves the information in a data file.

Studio Player features:

- Can playback all video files recorded with StudioCapture.
- Controls the playback frame rate (time-lapse functionality).
- Can be used to save single frames from the video files as pictures.
- Can be used to edit the video file to remove unwanted sequences or shorten the file length.

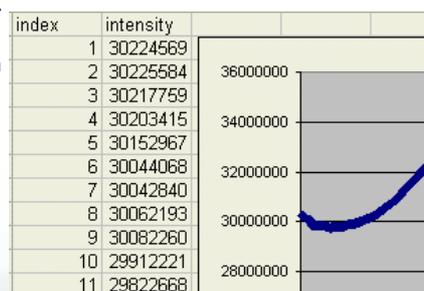


Studio Analyser features:

- Can be used with any video file recorded with Studio Capture.
- Analyses each frame and calculates the intensity (brightness) of the image.
- Produces a data file with frame intensity, temperature and time which can be used to produce graphical plots.

Studio Measure features:

- Calculate feature dimensions and records results in a data file.
- Overlay feature measurement and save image files.



System requirements for Studio Capture and Studio Tools:

- PC with Microsoft Windows 10, 8, 7, Vista, XP or 2000.
- Video Capture device using Windows compatible drivers.
- Video camera.
- 5 Gb free space on hard disk for video file capture.
- 256 Mb RAM (512 Mb recommended).
- Screen resolution 1024*768 pixels at 24 bits. (1280*1024 pixels or higher recommended)

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