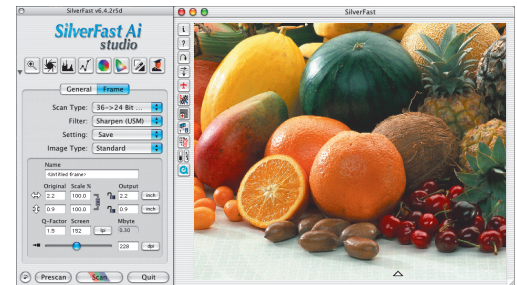


"SilverFast provides best results in terms of utilizing your scanner's capabilities to its limits - for example Reflecta's magazine scanner is automatically operated in a perfect way by this superior software."

(MACLIFE 07/2008)



SilverFast®Ai Studio is a fabulous software for scanning and picture reproduction.

SilverFast Ai Studio has been developed individually for each scanner model so that you *get the best quality* out of each scanner as all details of the specific models have been taken into consideration.

Winning many international awards, SilverFast has become a *leading tool for imaging worldwide*. SilverFast is easy and intuitive to use although it was developed for professionals. The intelligent automatic function helps to create perfect images. SilverFast Ai Studio supports Mac and Windows and is able to run as an independent stand-alone application or as well as TWAIN or Photoshop plug-In. A patented Auto IT8 Calibration set is available as an extra option for SilverFast Ai Studio. The set contains an IT8 target and the Auto IT8 Calibration function in the software.

Special Kodachromes:

Kodachromes without bluish cast – we have implemented a generic Kodachrome ICC-profile calibration

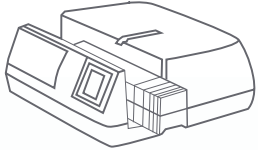
Kodachromes without Dust and Scratches – the new preview mode allows to combine the effects of iSRD® and SRD®

Kodachromes with max. Dynamic Range – SilverFast Multi-Exposure® can handle the enormous Dynamic Range

SilverFast Highlights

- **Auto IT8 Calibration** generates ICC color profiles for any supported scanner
- **Multi-Exposure®**, more details – less noise
- **iSRD®**, smart removal of defects with infrared technology
- **Auto Adjust**, automatic image enhance button
- **Auto Frame®**, one click and all images of your prescan are framed
- **NegaFix®**, adjust any negative for optimum results
- **JobManager®** for optimizing batch images individually
- 48Bit real time processing
- Embedded Tutorial QuickTime Movies
- **SCC®**, Selective Color Correction with Multi-Layers
- **SRD®**, Smart Removal of Defects – Dust and Scratch Removal
- **ACR®**, Adaptive Color Restoration
- **GANE®**, Grain- and Noise Elimination
- **HiRePP®**, fastest image loading and processing for large image files
- **AACO**, Auto Adaptive Contrast Optimization
- Unsharp mask PLUS
- PDF export

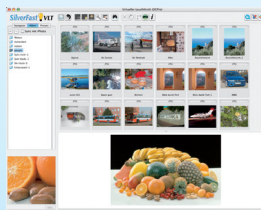
Workflow



SilverFast AiStudio, JobManager, Auto IT8-Calibration



Scan in 48Bit-raw data



SilverFast VLT overview



processing with JobManager in SilverFast HDRStudio



JobManager batch mode

Automatically digitize complete slide archives in a short period of time

Reach the best productivity with a Reflecta DigitDia driven by SilverFast Ai Studio and SilverFast HDR Studio. Whole magazines can be scanned in HiRePP®-format and processed by SilverFast HDR Studio. The raw images can be used in the same way as the directly scanned originals. The integrated JobManager will automatically do the work in batch mode. VLT® Virtual Light Table, SCC® Selective Color Correction, ACR® Adaptive Color Restoration, Auto IT8 Calibration and full color management are just some of the SilverFast features.



Maximize productivity with SilverFast Ai Studio and HDR Studio

SilverFast HDR Studio is the scanner independent version of SilverFast Ai Studio. With this version the scanned 48Bit-Tiff raw data files can be opened from your hard disc without any loss of quality and then be processed with the powerful SilverFast functions.



Patented Auto IT8 Calibration

Consistent colors and color management have been and are still in many areas a certain mystery for professionals and even more for consumers. For a long time, achieving color consistent scans has been a dedicated field for professional color consultants and operators only.

The new SilverFast version helps professionals and enables beginners to just benefit from the highly added value of consistent colors and to neglect the sophisticated process behind it.

Two single mouse clicks, nothing more is needed to calibrate your scanner.



before Auto IT8-Calibration



after Auto IT8-Calibration

SOFTWARE



SilverFast Multi-Exposure® Maximizing Dynamic Range in Photography

The dynamic range of each stage (capture, scanning, editing and storage) plays a crucial role in the quality of the results. In general, technologies with greater dynamic range produce better results.

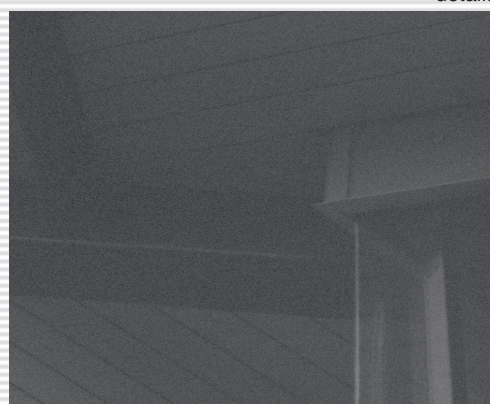
The objective of Multi-Exposure is to enhance the Dynamic Range of scans from film material, since a scanner rapidly reaches its limits with single scan acquisition. Because no substantial improvement of dynamic range can be achieved with reflective scans, Multi-Exposure works with transparency film material only.

Today's film material, whether black & white or negative color film or slides, provides a very high dynamic range, because film manufacturers added more layers of different sensitivity.

The advantage of Multi-Exposure®

Scanning images of interior shots and trying to capture subtle nuances in the highlights and shadows can be frustrating. At best, it requires time and effort and sometimes it may seem impossible. This is entirely dependent on the effective dynamic range of the scanner, which is essentially the scanner's ability to capture different tonal values in an image. So, if the software enables the hardware to capture more details in the highlights and shadows, it effectively increases the dynamic range.

details

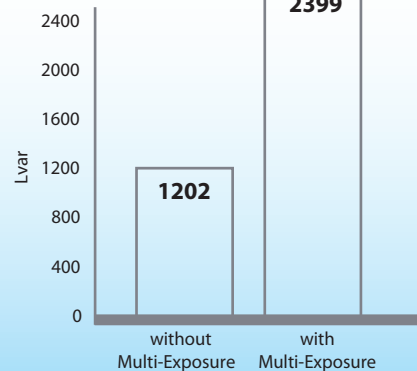


without Multi-Exposure



using Multi-Exposure

Increasing Dynamic Range
(DigitDia 5000)



Lvar values display the observable shades and do have a normal (linear) scale. Big differences appear as what they are: big differences



iSRD®

iSRD® is an effective solution for scratch and dust removal by using the infrared channel of the scanner. The image is scanned in two passes - one pass applies the infrared scan and the other pass is the regular RGB scan. Following this, the scratch and dust removal is performed by calculating an additional image channel which is automatically derived from the infrared scan. All corrections and settings are shown in the preview and can be adjusted before applying the end scan.



Auto Adjust

SilverFast has a highly adjustable image Auto Adjust. Depending on the actual scene the image Auto Adjust has to make sure the image is correctly optimized regarding highlight, shadow and mid-tone. Another consideration is, whether a color cast has to be removed or not.

In a picture with a sunset the reddish color cast from the long-wave sunlight is to be preserved while highlights, shadows and mid-tone are optimized.

This is accomplished in SilverFast by *Image Type presets*. Just select the appropriate Image Type (e.g. "Evening") and SilverFast takes care of the proper optimization.

You can always fine tune those settings by using the gradation controls and the histogram. You can even create your own Image Type under "user defined".



Auto Frame

Image frames can now be detected and cropped automatically in the preview window using this new feature. It is necessary that the images have a certain distance between their border and the outer edge. A lack of distance could hinder a clear detection of frames. A high contrast background is helpful in reflective scans.



NegaFix®

With more than 120 integrated film profiles NegaFix® offers a unique level of control when converting negative film into positive images. Selections include film manufacturer, film type and film speed. Adjust film exposure in real time while optimizing all conversion parameters (Ai and Studio versions) for the best possible results.

More information

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Latest Awards



MacUser
 PRODUCT REVIEW 08/2008



„A product with minor flaws but which is nonetheless excellent“

SilverFast Ai Studio 6.6
 PROFESSIONAL SCANNING TOOL