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plustek OpticFilm 8100

Plustek OpticFilm 8100 User Manual

Model: OpticFilm 8100 | Brand: Plustek

PRODUCT OVERVIEW

The Plustek OpticFilm 8100 is a dedicated 35mm film and slide scanner designed for high-quality digitization of color negative film, black and white negative film, slides, reversal film, and Kodachrome film. It features a 7200 DPI optical resolution and 48-bit output, capable of reproducing professional prints up to 20" x 24" or larger. This scanner is bundled with SilverFast SE Plus software, offering advanced features for image optimization and defect removal.

- **High Resolution Detail:** Digitizes 35mm negatives and slides at 7200 DPI, yielding 69 MP resolution, comparable to full-frame DSLR image files.
- **Dynamic Range:** Captures maximum shadow and highlight details for rich image quality.
- **Professional Software:** Bundled with Plustek QuickScan and LaserSoft Imaging SilverFast SE Plus 8 for comprehensive scanning and image processing.
- **Portability:** Includes a custom carry bag for easy storage and travel, protecting the scanner from dust.
- **Broad Compatibility:** Supports Windows 7/8/10/11 and Mac OS 10.8.x ~ 13.x. Drivers are available for download from the Plustek website.



Image: The Plustek OpticFilm 8100 scanner shown with film and slide holders, highlighting its compact design and accessories.

SETUP AND INSTALLATION

Before using your Plustek OpticFilm 8100 scanner, ensure proper setup and software installation. The scanner connects via USB and is compatible with both Windows and Mac operating systems.

Hardware Setup

1. Unpack all components: scanner unit, power adapter, USB cable, quick guide, and film/slide holders.
2. Place the scanner on a stable, flat surface near your computer.
3. Connect the power adapter to the scanner and a power outlet.
4. Connect the scanner to your computer using the provided USB cable.

Software Installation (SilverFast SE Plus)

The scanner is bundled with SilverFast SE Plus software. Follow these steps to activate and install the software:

1. Locate the SilverFast 9 paper card in the box. This card contains the serial number for your scanner and instructions for activating your SilverFast account.

2. Visit the SilverFast account activation website as indicated on the card.
3. Select your scanner model name and enter the hardware serial number to unlock your SilverFast serial number.
4. If you have an existing MySilverFast account, log in. Otherwise, fill out the registration form to create a new account.
5. Check your email for the activation link and follow the instructions to complete the software activation and download.



Image: Contents of the Plustek OpticFilm 8100 package, showing the scanner, power adapter, USB cable, software DVD, quick guide, and film/slide holders.

OPERATING THE SCANNER

The Plustek OpticFilm 8100 is designed for efficient and high-quality scanning of 35mm film and slides. The included SilverFast SE Plus software provides a user-friendly interface with powerful features.

Scanning Process

1. Insert your 35mm film strips or mounted slides into the appropriate film or slide holder.
2. Load the holder into the scanner's input slot.

3. Launch the SilverFast SE Plus software on your computer.
4. Use the software to preview your images. This allows you to adjust framing and settings before the final scan.
5. Select your desired scanning resolution (from 600 dpi up to 7200 dpi) and output format. Note that higher resolutions will result in larger file sizes and longer scan times.
6. Utilize SilverFast's image optimization features (detailed below) to enhance your scans.
7. Initiate the scan. The software will process the image, including any selected enhancements.



Image: Internal view of the OpticFilm 8100, illustrating the CCD sensor and light path during a slide scan.

SilverFast Software Features

SilverFast SE Plus offers several intelligent automatic functions to achieve optimal scan results:

- **SilverFast Multi-Exposure:** Enhances shadow details and reduces image noise, especially beneficial for high-contrast films.
- **SilverFast NegaFix:** Provides over 120 profiles for negative film, ensuring accurate conversion of negatives into brilliant positives with correct color reproduction.

- **SilverFast SRDx (Smart Removal of Defects):** Effectively corrects scratches and dust on film, particularly useful for silver-based black-and-white film and Kodachrome.
- **SilverFast AACO (Auto Adaptive Contrast Optimization):** Lightens shadow areas without affecting mid-tones and highlights, improving overall image balance.

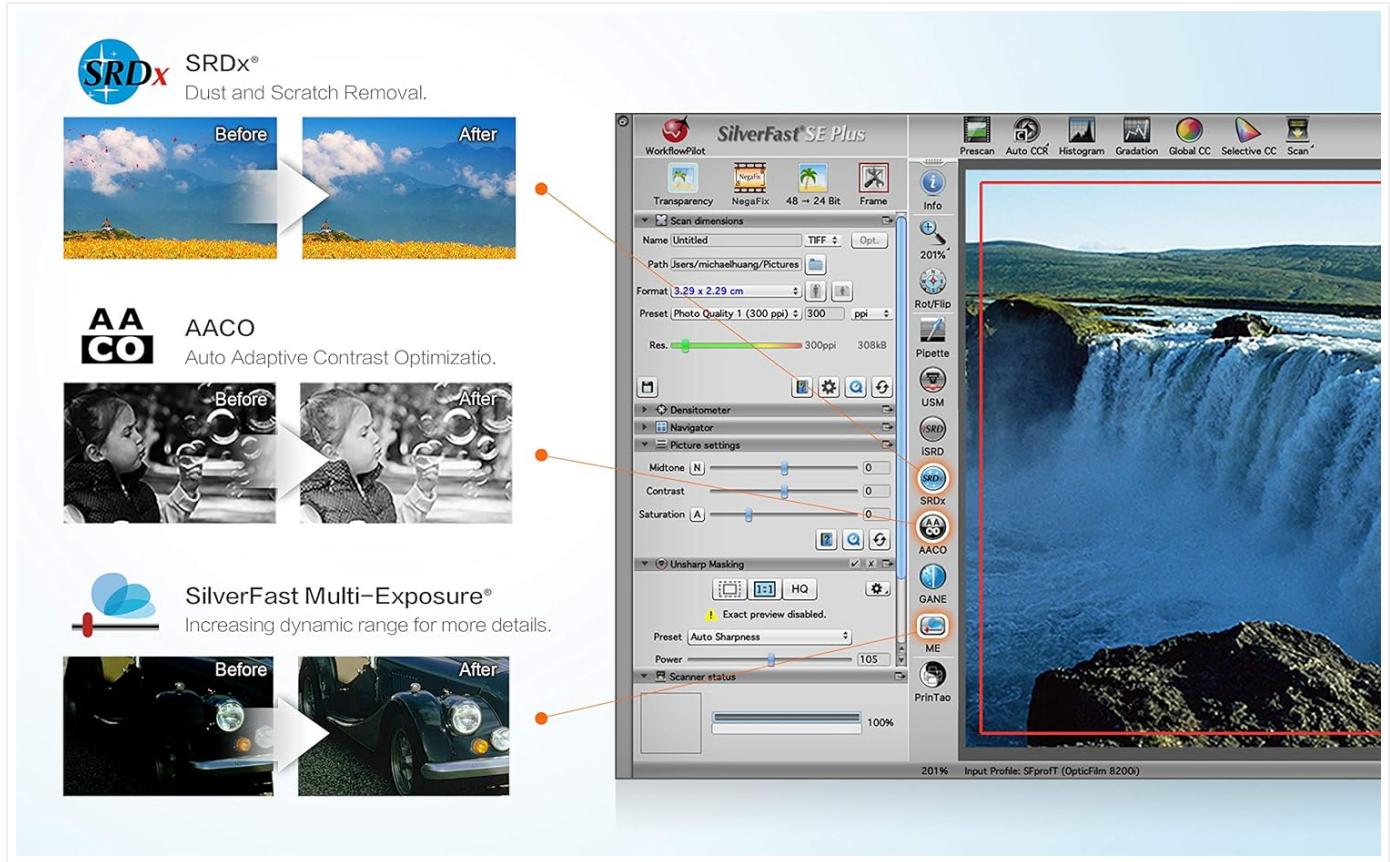
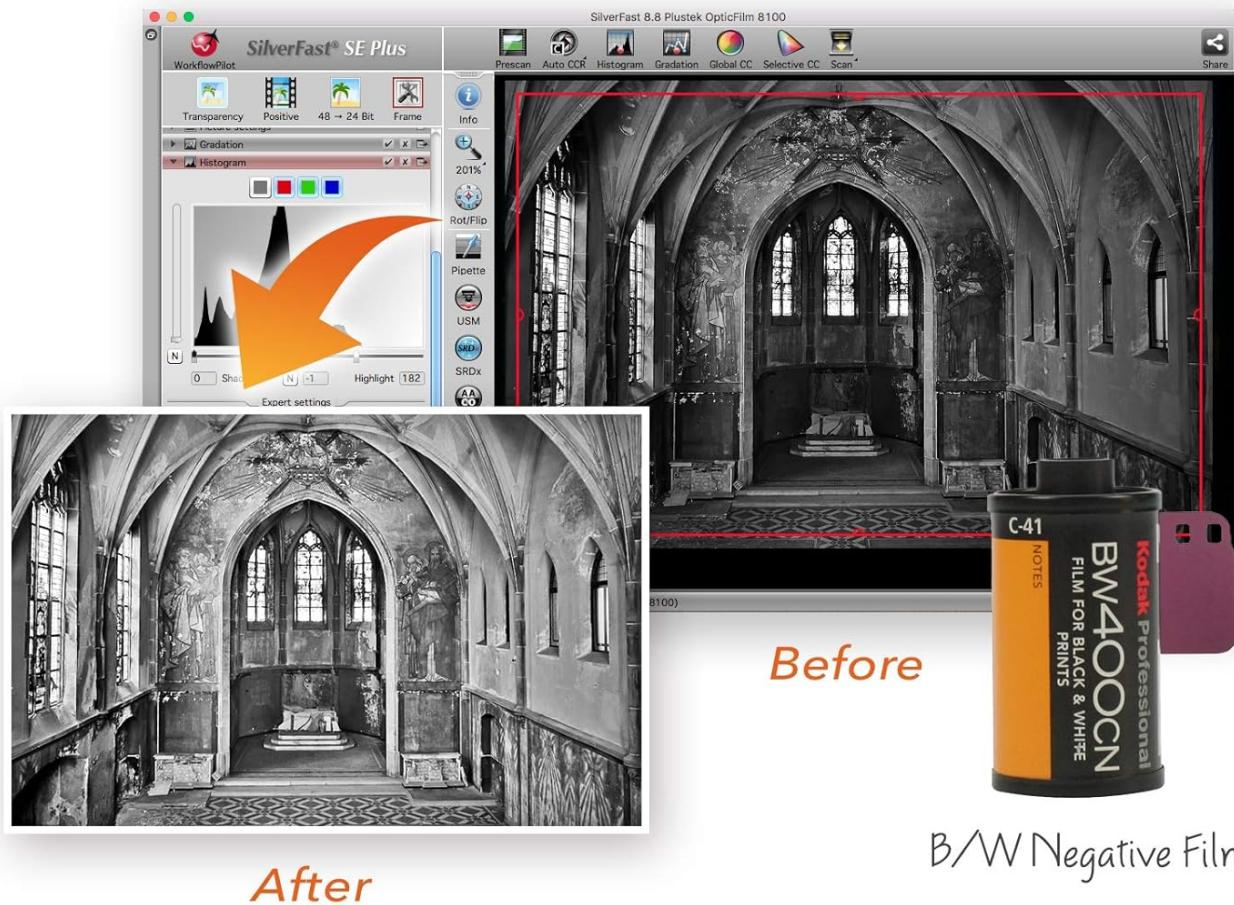


Image: Screenshot of the SilverFast SE Plus software interface, demonstrating the various tools available for image enhancement and defect removal.



After

B/W Negative Film



Auto Adaptive Contrast Optimization

Image: A visual comparison demonstrating the effect of SilverFast AACO (Auto Adaptive Contrast Optimization) on a black and white negative film scan, showing enhanced detail in darker areas.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Plustek OpticFilm 8100 scanner.

- **Cleaning:** Regularly clean the film and slide holders to prevent dust and debris from transferring to your film during scanning. Use a soft, lint-free cloth.
- **Dust Protection:** Always store the scanner in its provided custom carry bag when not in use to protect it from dust accumulation.
- **Software Updates:** Keep your SilverFast software updated to benefit from the latest features, bug fixes, and compatibility improvements. Check the Plustek website for driver updates as well.
- **SRDx Feature:** Utilize the SilverFast SRDx feature during scanning to digitally remove dust and scratches from your film, reducing the need for extensive post-processing.

TROUBLESHOOTING

This section provides general guidance for common issues. For detailed troubleshooting or complex problems, please refer to the official support resources.

Common Issues and Solutions

- **Scanner Not Detected:**

- Ensure the USB cable is securely connected to both the scanner and the computer.
- Verify the power adapter is correctly plugged in and the scanner is powered on.
- Reinstall the scanner drivers from the Plustek website.

- **Poor Scan Quality (Dust/Scratches):**

- Clean your film/slides and film holders thoroughly before scanning.
- Ensure the SRDx feature in SilverFast is enabled and configured correctly.

- **Software Activation Issues:**

- Double-check the serial number entered during activation.
- Ensure you have an active internet connection during activation.
- Contact SilverFast support if issues persist after following the activation steps.

For any complex solution inquiries or persistent issues, please contact Plustek's customer support.

SPECIFICATIONS

Feature	Detail
Product Dimensions	4.72 x 10.71 x 4.69 inches
Item Weight	3.52 pounds (1.6 Kilograms)
Model Name	OpticFilm 8100
Scanner Type	Slide & Negative Scanner (Document)
Media Type	Negatives, Slide
Resolution	7200 DPI
Color Depth	48-bit
Connectivity Technology	USB
Supported OS	Windows 7/8/10/11, Mac OS 10.8.x ~ 13.x

WARRANTY AND SUPPORT

Plustek is committed to providing excellent customer service and support for your OpticFilm 8100 scanner.

Official Documentation

- **Installation Manual (PDF):** [Download Here](#)
- **User Guide (PDF):** [Download Here](#)
- **User Manual (PDF):** [Download Here](#)

Customer Support

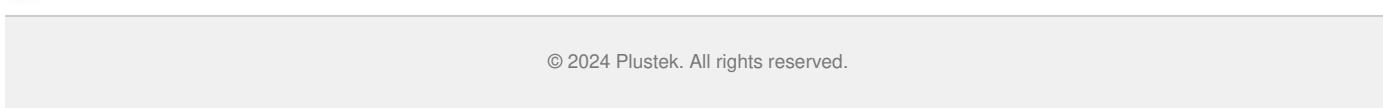
Plustek offers US-based technical support located in California, USA. Support options include:

- Realtime Online Zendesk Support
- USA Expert Phone Support
- Online Form/Email Support
- Consultant Support for Solution and SDK

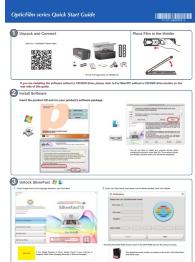
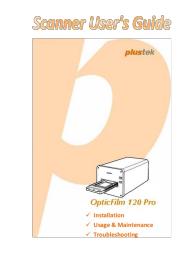
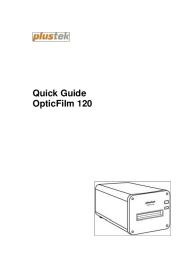
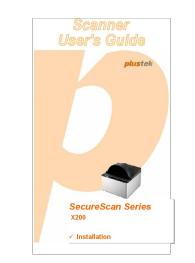


Image: Plustek's US-based customer support team, emphasizing their availability for technical assistance.

For more information or to explore other Plustek products, visit the [Plustek Store](#).



Related Documents - OpticFilm 8100

	<p>Plustek OpticFilm Series Quick Start Guide: Setup and Software Installation</p> <p>A concise guide for setting up and installing the software for Plustek OpticFilm series film scanners, including instructions for unlocking SilverFast and common troubleshooting tips.</p>
	<p>Plustek OpticFilm 120 Pro Scanner User's Guide</p> <p>Comprehensive user guide for the Plustek OpticFilm 120 Pro scanner, covering installation, software setup (SilverFast), operation, maintenance, troubleshooting, and specifications.</p>
	<p>Plustek OpticFilm 135/135i Scanner User's Guide</p> <p>This user guide provides comprehensive instructions for the Plustek OpticFilm 135/135i scanner, covering setup, installation, operation, scanning features, troubleshooting, and specifications for converting 35mm film and slides to digital format.</p>
	<p>Plustek OpticFilm 120 Quick Guide</p> <p>A comprehensive quick guide for the Plustek OpticFilm 120 film scanner, covering setup, installation, software usage with SilverFast, and troubleshooting tips.</p>
	<p>Plustek SecureScan X200 User's Guide: Installation and Specifications</p> <p>Comprehensive user's guide for the Plustek SecureScan X200 scanner, covering installation, setup, system requirements, specifications, warranty, and FCC compliance. Learn how to connect and operate your scanner.</p>
	<p>Plustek OpticSlim Scanner User's Guide for macOS</p> <p>This user's guide provides comprehensive instructions for the Plustek OpticSlim scanner, covering installation, setup, scanning procedures, maintenance, troubleshooting, system requirements, specifications, and warranty information for macOS users.</p>

